



TABULATI DI CALCOLO STATO ATTUALE STIMA DELLA VULNERABILITA'

PROGETTO DEFINITIVO/ESECUTIVO

PROGETTAZIONE STRUTTURALE

MARZO 2016

Studio tecnico per l'edilizia
Ing. Roberto Calcagni

Pollenza (Mc) 62010

Via Campomaggio, 8

+39.0733.541799 +39.0733.541799

Località : **POPOLI (PE)**

Oggetto : **MIGLIORAMENTO SISMICO DEL
CORPO C2 DEL P.O. DI POPOLI**

Committente : **USL PESCARA -
U.O.C. SERVIZIO TECNICO PARTIMONIALE**

TAVOLA N.

R2

REV.	DATA
0	
1	
2	
3	
4	
-	

RAPP.

ANALISI DEI CARICHI

Solaio 16+4 di piano

Peso solaio	260 Kg/mq
Massetto	80 Kg/mq
Pavimento	30 Kg/mq
Tramezzi	120 Kg/mq
Intonaco inferiore	30 Kg/mq
Accidentale	300 Kg/mq

Solaio 26+4 di piano

Peso solaio	340 Kg/mq
Massetto	80 Kg/mq
Pavimento	30 Kg/mq
Tramezzi	120 Kg/mq
Intonaco inferiore	30 Kg/mq
Accidentale	300 Kg/mq

Solaio 16+4 di sottotetto

Peso solaio	260 Kg/mq
Massetto	80 Kg/mq
Pavimento	30 Kg/mq
Intonaco inferiore	30 Kg/mq
Accidentale per impianti	150 Kg/mq

Solaio 16+4 di copertura

Peso solaio	260 Kg/mq
Massetto e impermeabilizzazione coppi	40 Kg/mq
	100 Kg/mq
Neve	120 Kg/mq

Tamponature esterne

Peso cornicione	150 Kg/ml
Peso balcone	520 Kg/ml
Accidentale balcone	520 Kg/ml

CALCOLO DELL'AZIONE DELLA NEVE

○	Zona I - Alpina Aosta, Belluno, Bergamo, Biella, Bolzano, Brescia, Como, Cuneo, Lecco, Pordenone, Sondrio, Torino, Trento, Udine, Verbania, Vercelli, Vicenza.	$q_{sk} = 1,50 \text{ kN/mq}$ $a_s \leq 200 \text{ m}$ $q_{sk} = 1,39 [1+(a_s/728)^2] \text{ kN/mq}$ $a_s > 200 \text{ m}$
○	Zona I - Mediterranea Alessandria, Ancona, Asti, Bologna, Cremona, Forlì-Cesena, Lodi, Milano, Modena, Novara, Parma, Pavia, Pesaro e Urbino, Piacenza, Ravenna, Reggio Emilia, Rimini, Treviso, Varese.	$q_{sk} = 1,50 \text{ kN/mq}$ $a_s \leq 200 \text{ m}$ $q_{sk} = 1,35 [1+(a_s/602)^2] \text{ kN/mq}$ $a_s > 200 \text{ m}$
○	Zona II Arezzo, Ascoli Piceno, Bari, Campobasso, Chieti, Ferrara, Firenze, Foggia, Genova, Gorizia, Imperia, Isernia, La Spezia, Lucca, Macerata, Mantova, Massa Carrara, Padova, Perugia, Pescara, Pistoia, Prato, Rovigo, Savona, Teramo, Trieste, Venezia, Verona.	$q_{sk} = 1,00 \text{ kN/mq}$ $a_s \leq 200 \text{ m}$ $q_{sk} = 0,85 [1+(a_s/481)^2] \text{ kN/mq}$ $a_s > 200 \text{ m}$
●	Zona III Agrigento, Avellino, Benevento, Brindisi, Cagliari, Caltanissetta, Carbonia-Iglesias, Caserta, Catania, Catanzaro, Cosenza, Crotone, Enna, Frosinone, Grosseto, L'Aquila, Latina, Lecce, Livorno, Matera, Medio Campidano, Messina, Napoli, Nuoro, Ogliastra, Olbia Tempio, Oristano, Palermo, Pisa, Potenza, Ragusa, Reggio Calabria, Rieti, Roma, Salerno, Sassari, Siena, Siracusa, Taranto, Terni, Trapani, Vibo Valentia, Viterbo.	$q_{sk} = 0,60 \text{ kN/mq}$ $a_s \leq 200 \text{ m}$ $q_{sk} = 0,51 [1+(a_s/481)^2] \text{ kN/mq}$ $a_s > 200 \text{ m}$

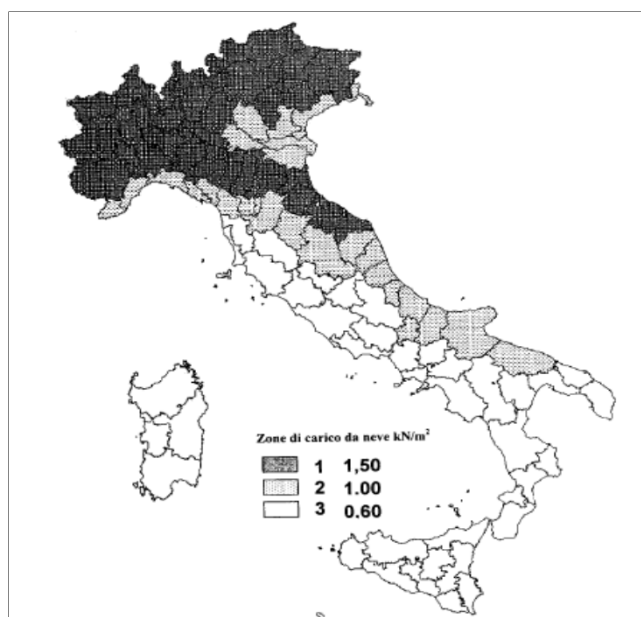
q_s (carico neve sulla copertura [N/mq]) = $\mu_i \cdot q_{sk} \cdot C_E \cdot C_t$ μ_i (coefficiente di forma) q_{sk} (valore caratteristico della neve al suolo [kN/mq]) C_E (coefficiente di esposizione) C_t (coefficiente termico)

Valore caratteristico della neve al suolo

a_s (altitudine sul livello del mare [m])	254
q_{sk} (val. caratt. della neve al suolo [kN/mq])	0,65

Coefficiente termico

Il coefficiente termico può essere utilizzato per tener conto della riduzione del carico neve a causa dello scioglimento della stessa, causata dalla perdita di calore della costruzione. Tale coefficiente tiene conto delle proprietà di isolamento termico del materiale utilizzato in copertura. In assenza di uno specifico e documentato studio, deve essere utilizzato $C_t = 1$.



Coefficiente di esposizione

Topografia	Descrizione	C_E
Normale	Aree in cui non è presente una significativa rimozione di neve sulla costruzione prodotta dal vento, a causa del terreno, altre costruzioni o alberi.	1

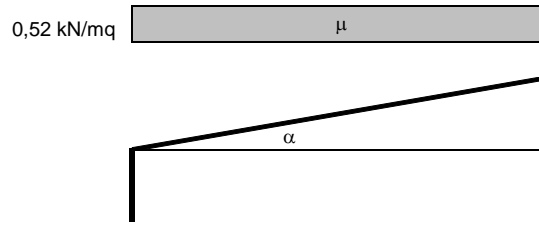
Valore del carico della neve al suolo

q_s (carico della neve al suolo [kN/mq])	0,65
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Coefficiente di forma (copertura ad una falda)

α (inclinazione falda [°])	20
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μ	0,8
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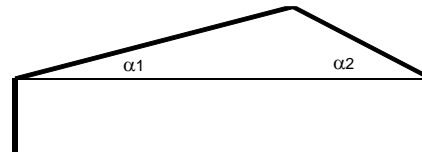
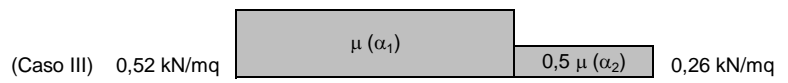
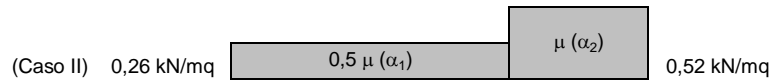
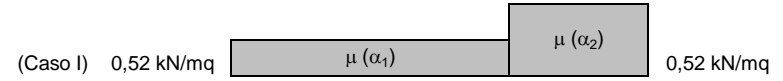


Coefficiente di forma (copertura a due falde)

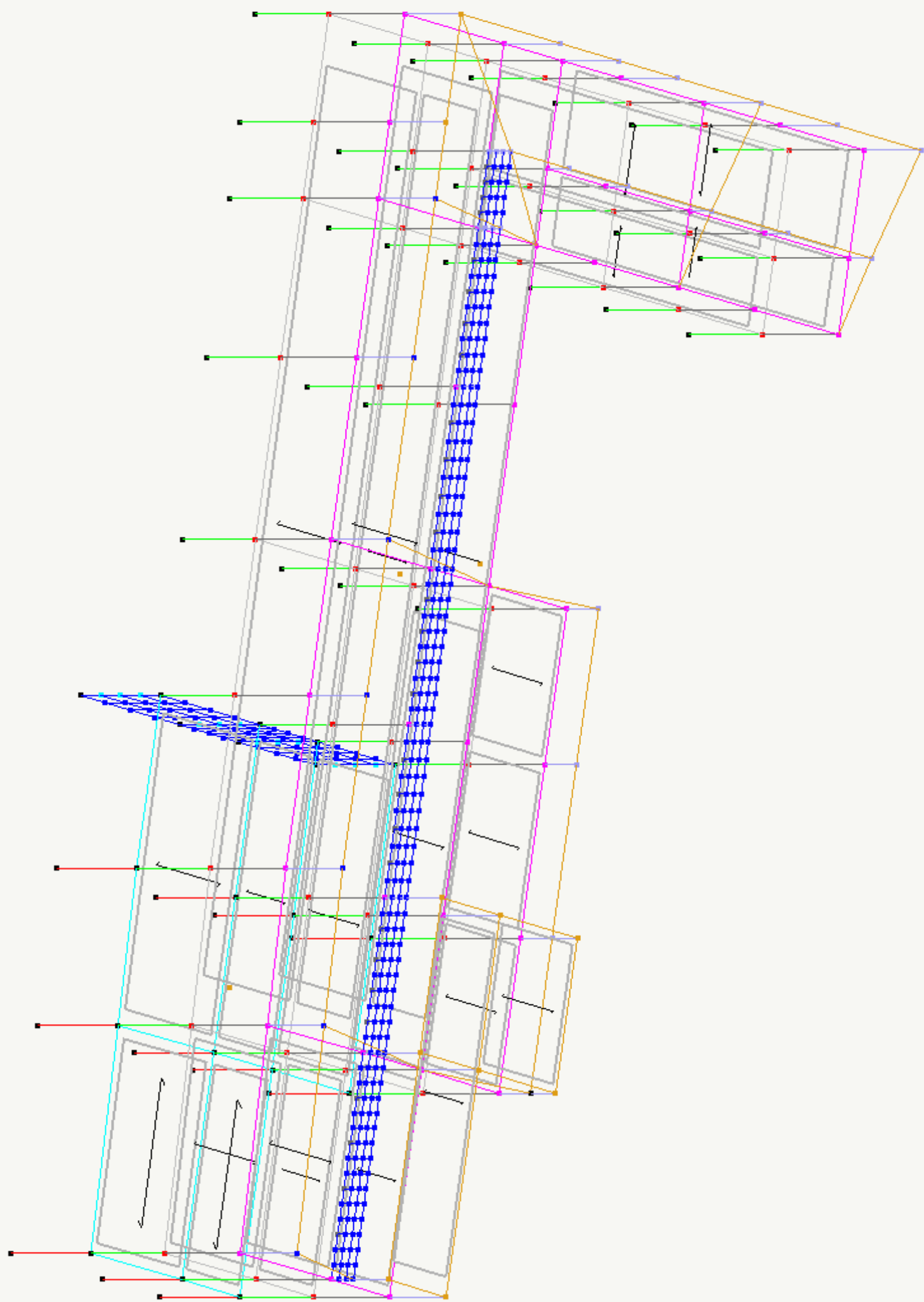
α_1 (inclinazione falda [°])	17
α_2 (inclinazione falda [°])	17

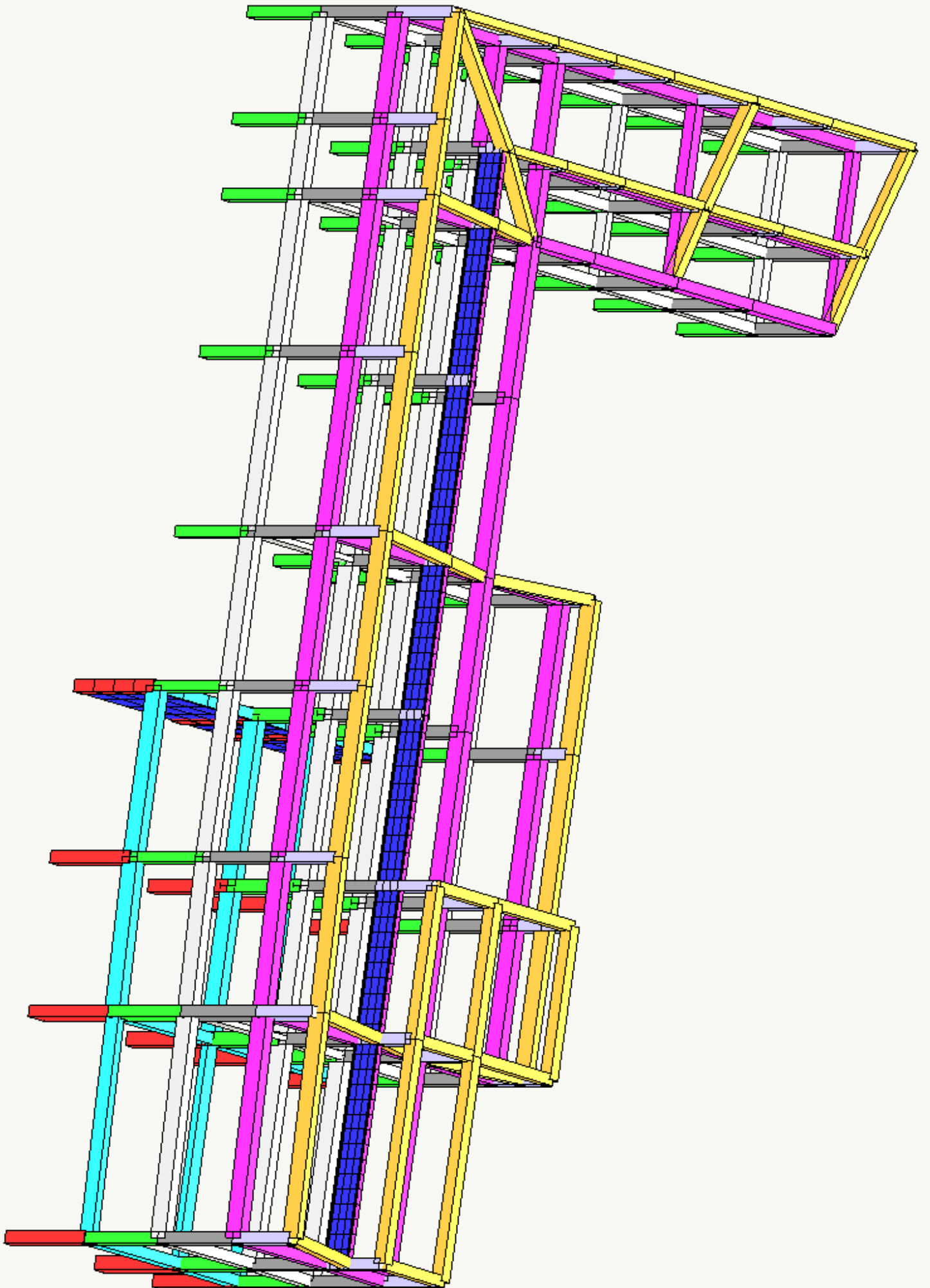
$\mu (\alpha_1)$	0,8
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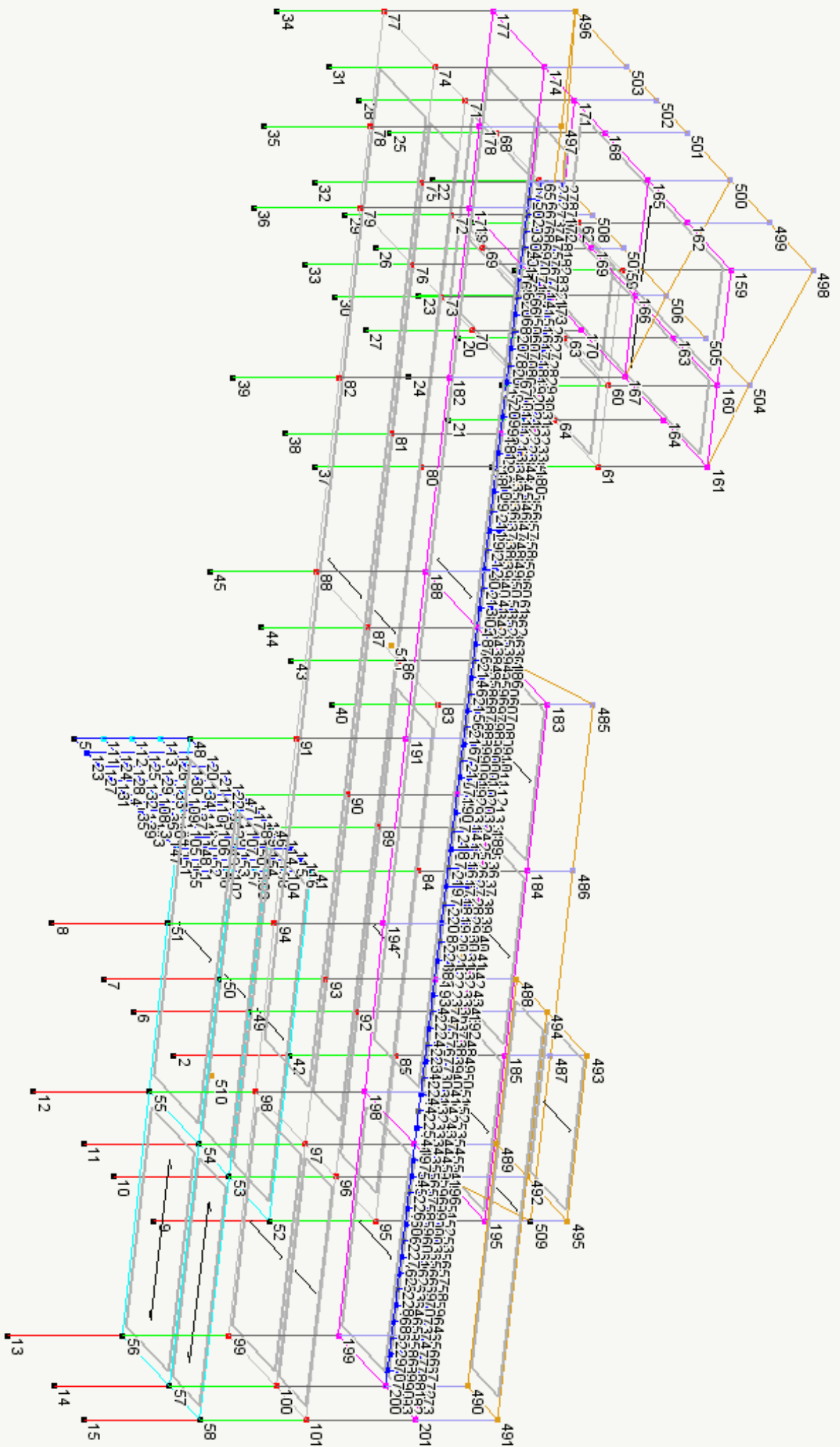
$\mu (\alpha_2)$	0,8
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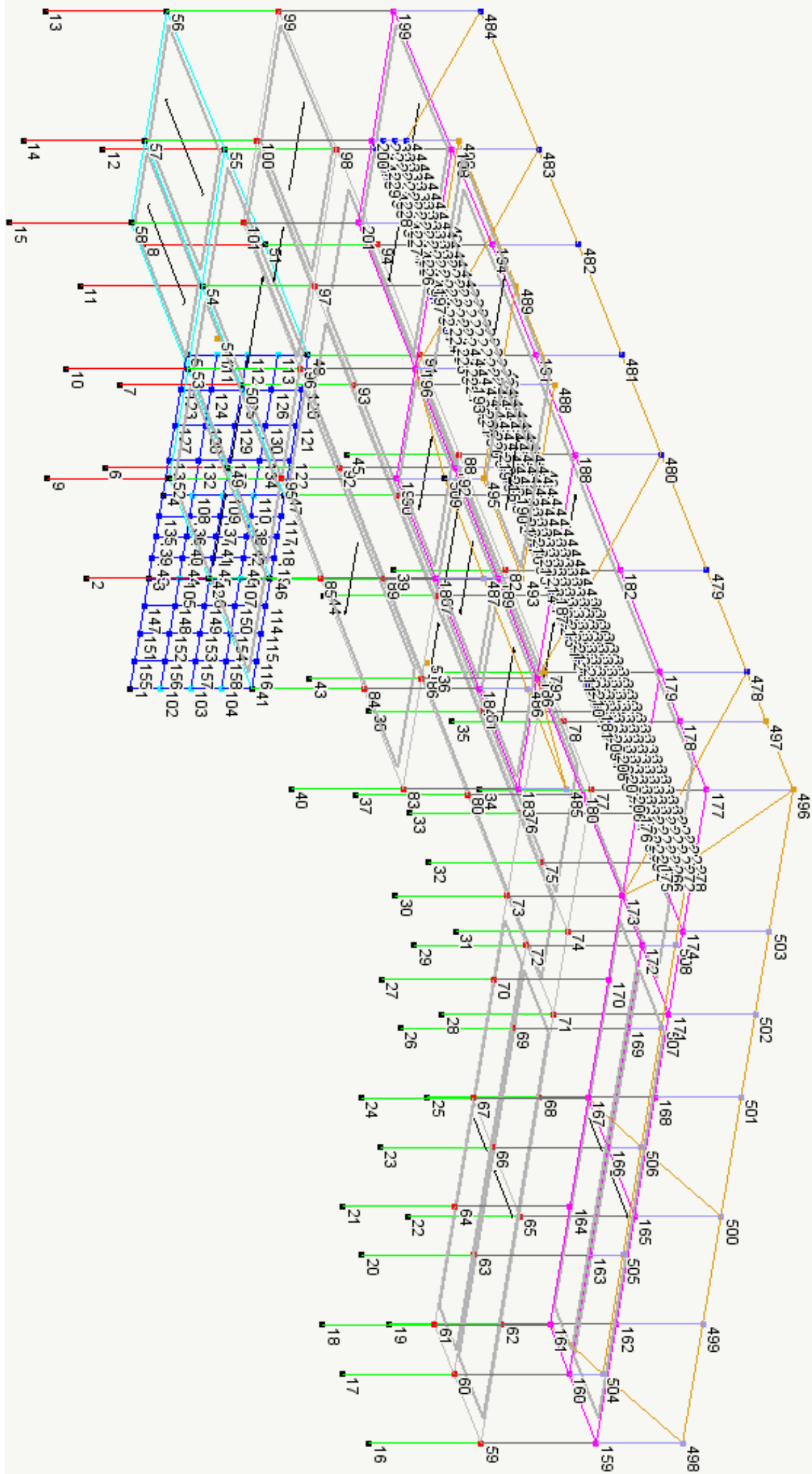


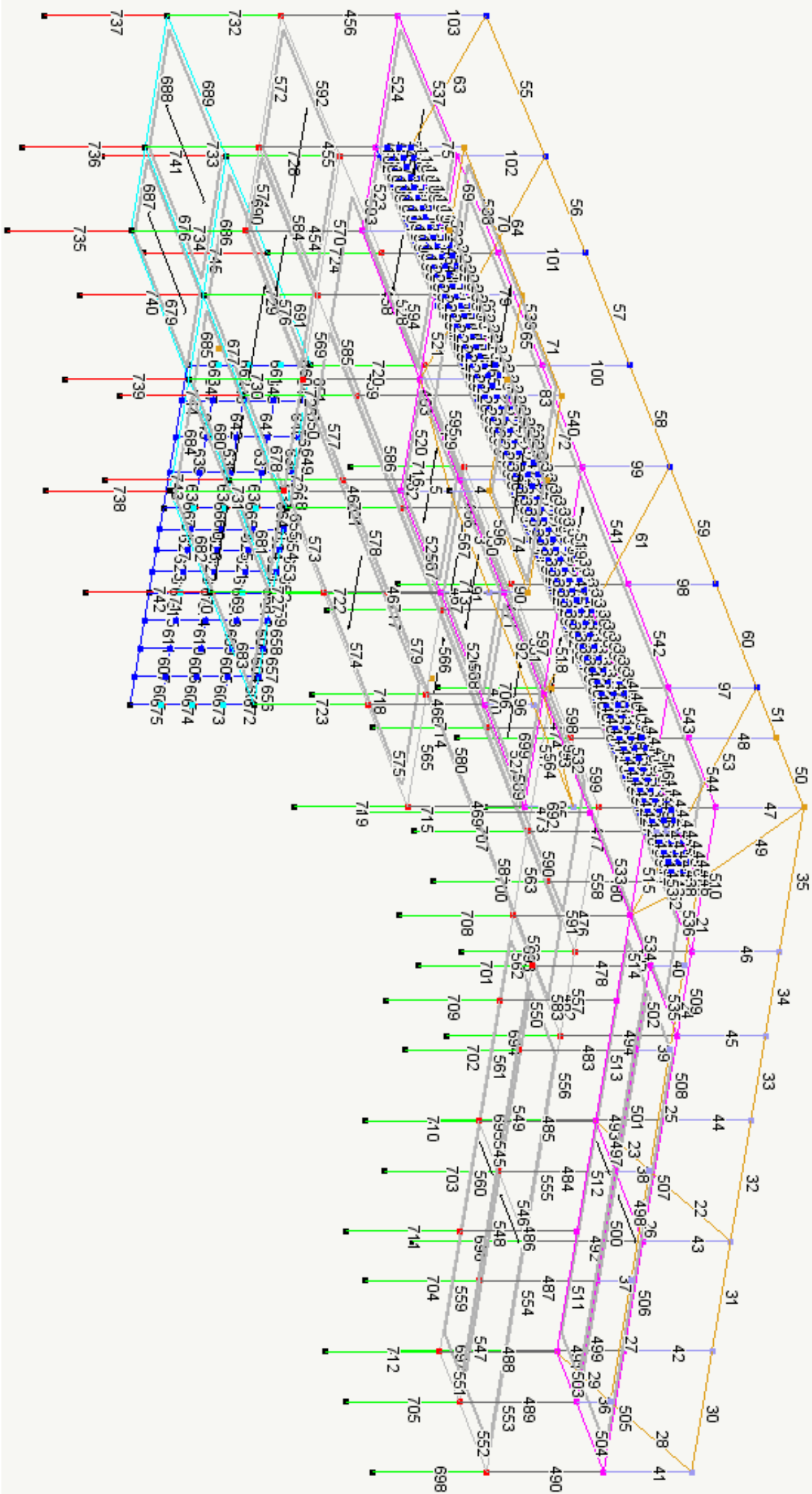
Coefficiente di forma (copertura adiacenti o vicine a costruzioni più alte)

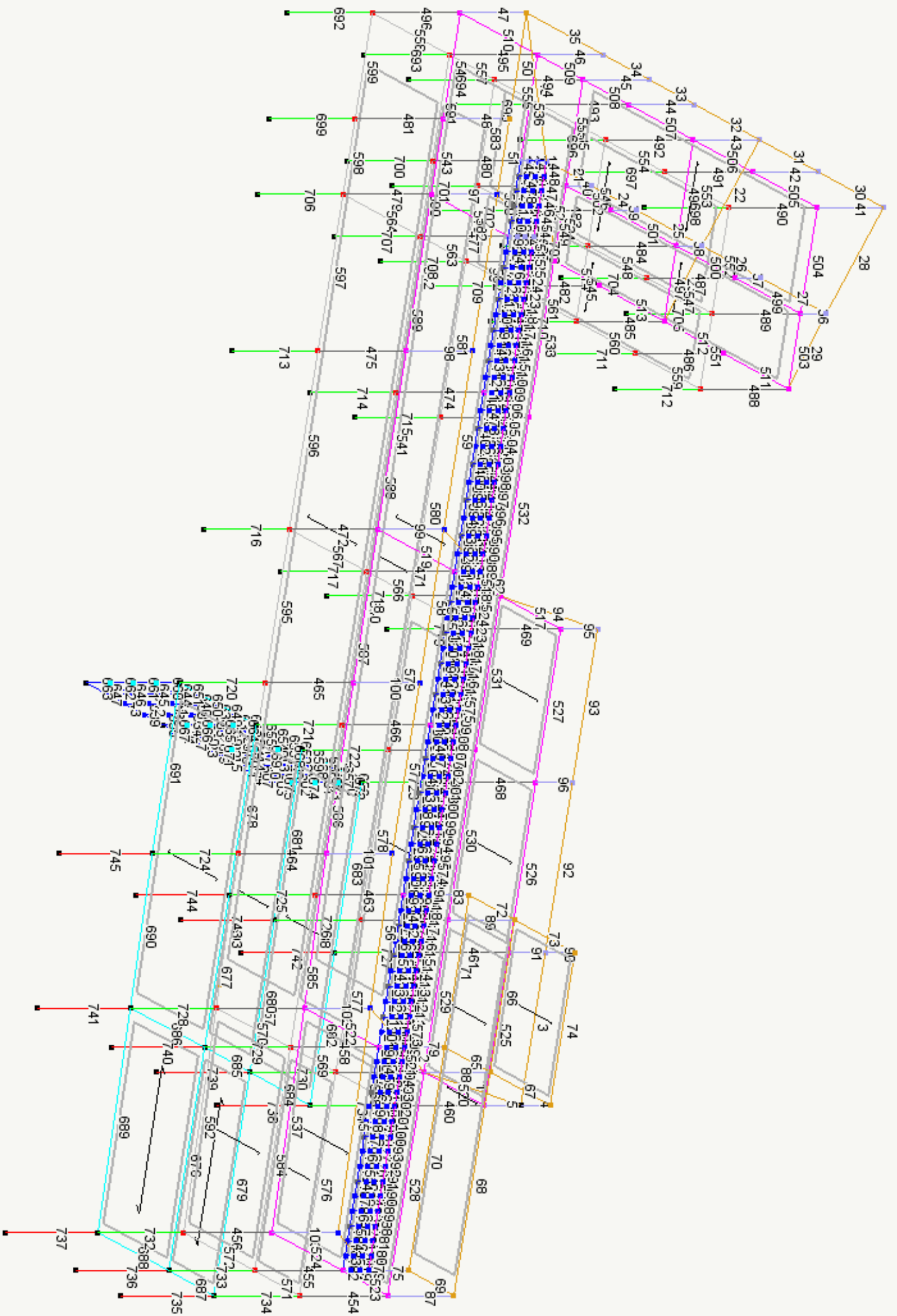












modello finale stato di fatto

Generato martedì 22 marzo 2016 alle ore 16:44:59.
All-In-One EWS 42 (10.02.2016) build 6357
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Indice

COORDINATE E DATI DEI NODI (Fase 1)

Constraint - Master-Slave

ESTREMI E DATI DEGLI ELEMENTI (Fase 1)

ELEMENTI TIPO (Fase 1)

Tipi di carico

SPETTRI DI RISPOSTA

SLDh

SLVh

SLOh

CARICHI UNIFORMI TIPO (Fase 1)

Condizione di carico: "Accidentale balconi" Tipo: "Cat. C: Affollamento"

Condizione di carico: "Balconi e cornicioni" Tipo: "Permanente"

Condizione di carico: "Tamponature esterne" Tipo: "Permanente"

Condizione di carico: "Neve" Tipo: "Neve (q<1000)"

Condizione di carico: "Permanente" Tipo: "Permanente"

CARICHI TRAPEZOIDALI TIPO (Fase 1)

Condizione di carico: "Neve" Tipo: "Neve (q<1000)"

Condizione di carico: "Accidentale sottotetto" Tipo: "Cat. A: Residenziale"

Condizione di carico: "Accidentale di piano" Tipo: "Cat. C: Affollamento"

Condizione di carico: "Permanente" Tipo: "Permanente"

PESI PROPRI TIPO (Fase 1)

Condizione di carico: "Peso Proprio" Tipo: "Permanente"

CARICHI A TRATTI TIPO (Fase 1)

Condizione di carico: "Neve" Tipo: "Neve (q<1000)"

Condizione di carico: "Accidentale sottotetto" Tipo: "Cat. A: Residenziale"

Condizione di carico: "Accidentale di piano" Tipo: "Cat. C: Affollamento"

Condizione di carico: "Permanente" Tipo: "Permanente"

FORZE TIPO (Fase 1)

Condizione di carico: "Torcente di piano SLV" Tipo: "Torcente SLV"

Condizione di carico: "Torcente di piano SLD" Tipo: "Torcente SLD"

Condizione di carico: "Torcente di piano SLO" Tipo: "Torcente SLO"

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SPOSTAMENTI NODALI "Permanente" (Fase 1)

SPOSTAMENTI NODALI "Peso Proprio" (Fase 1)

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 SFORZI "Dinamica SLOh X" (Fase 1)
 SFORZI "Dinamica SLOh Y" (Fase 1)
 SPOSTAMENTI NODALI "Dinamica SLOh Y" (Fase 1)

COORDINATE E DATI DEI NODI (Fase 1)

Nodo	x	y	z	tx	ty	tz	rx	ry	rz	ms	fz	mm
1	2430.03	1214.17	0	1	1	1	1	1	1	0	0	0
2	3040.03	1214.17	0	1	1	1	1	1	1	0	0	0
3	2430.03	816.666	0	1	1	1	1	1	1	0	0	0
4	2430.03	516.666	0	1	1	1	1	1	1	0	0	0
5	2430.03	9.1657	0	1	1	1	1	1	1	0	0	0
6	3040.03	816.666	0	1	1	1	1	1	1	0	0	0
7	3040.03	516.666	0	1	1	1	1	1	1	0	0	0
8	3040.03	9.1657	0	1	1	1	1	1	1	0	0	0
9	3587.53	1214.17	0	1	1	1	1	1	1	0	0	0
10	3585.03	816.666	0	1	1	1	1	1	1	0	0	0
11	3585.03	516.666	0	1	1	1	1	1	1	0	0	0
12	3590.03	26.6657	0	1	1	1	1	1	1	0	0	0
13	4387.53	49.1657	0	1	1	1	1	1	1	0	0	0
14	4385.03	516.666	0	1	1	1	1	1	1	0	0	0
15	4387.53	814.166	0	1	1	1	1	1	1	0	0	0
16	30.0331	2366.67	380	1	1	1	1	1	1	0	0	0
17	410.033	2366.67	380	1	1	1	1	1	1	0	0	0
18	680.033	2366.67	380	1	1	1	1	1	1	0	0	0
19	30.0331	1936.67	380	1	1	1	1	1	1	0	0	0
20	410.033	1936.67	380	1	1	1	1	1	1	0	0	0
21	680.033	1936.67	380	1	1	1	1	1	1	0	0	0
22	30.0331	1546.67	380	1	1	1	1	1	1	0	0	0
23	410.033	1546.67	380	1	1	1	1	1	1	0	0	0
24	680.033	1546.67	380	1	1	1	1	1	1	0	0	0
25	30.0331	1116.67	380	1	1	1	1	1	1	0	0	0
26	410.033	1116.67	380	1	1	1	1	1	1	0	0	0
27	680.033	1116.67	380	1	1	1	1	1	1	0	0	0
28	30.0331	816.666	380	1	1	1	1	1	1	0	0	0
29	410.033	816.666	380	1	1	1	1	1	1	0	0	0
30	680.033	816.666	380	1	1	1	1	1	1	0	0	0
31	30.0331	516.666	380	1	1	1	1	1	1	0	0	0
32	410.033	516.666	380	1	1	1	1	1	1	0	0	0
33	680.033	516.666	380	1	1	1	1	1	1	0	0	0
34	30.0331	6.6657	380	1	1	1	1	1	1	0	0	0
35	410.033	6.6657	380	1	1	1	1	1	1	0	0	0
36	680.033	6.6657	380	1	1	1	1	1	1	0	0	0
37	1240.03	816.666	380	1	1	1	1	1	1	0	0	0
38	1240.03	516.666	380	1	1	1	1	1	1	0	0	0
39	1240.03	6.6657	380	1	1	1	1	1	1	0	0	0
40	1880.03	1216.67	380	1	1	1	1	1	1	0	0	0
41	2430.03	1214.17	380	0	0	0	0	0	0	510	0	0

107	2430.03	816.666	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	2430.03	516.666	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
109	2430.03	516.666	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	2430.03	516.666	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	2430.03	9.1657	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
112	2430.03	9.1657	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
113	2430.03	9.1657	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	2430.03	916.041	380	0	0	0	0	0	0	0	510	0	0	0	0	0	0
115	2430.03	1015.42	380	0	0	0	0	0	0	0	510	0	0	0	0	0	0
116	2430.03	1114.79	380	0	0	0	0	0	0	0	510	0	0	0	0	0	0
117	2430.03	591.666	380	0	0	0	0	0	0	0	510	0	0	0	0	0	0
118	2430.03	666.666	380	0	0	0	0	0	0	0	510	0	0	0	0	0	0
119	2430.03	741.666	380	0	0	0	0	0	0	0	510	0	0	0	0	0	0
120	2430.03	136.041	380	0	0	0	0	0	0	0	510	0	0	0	0	0	0
121	2430.03	262.916	380	0	0	0	0	0	0	0	510	0	0	0	0	0	0
122	2430.03	389.791	380	0	0	0	0	0	0	0	510	0	0	0	0	0	0
123	2430.03	136.041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
124	2430.03	136.041	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	2430.03	136.041	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	2430.03	136.041	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
127	2430.03	262.916	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
128	2430.03	262.916	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	2430.03	262.916	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	2430.03	262.916	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
131	2430.03	389.791	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	2430.03	389.791	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
133	2430.03	389.791	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
134	2430.03	389.791	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	2430.03	591.666	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
136	2430.03	591.666	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
137	2430.03	591.666	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	2430.03	591.666	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
139	2430.03	666.666	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	2430.03	666.666	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	2430.03	666.666	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
142	2430.03	666.666	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
143	2430.03	741.666	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	2430.03	741.666	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	2430.03	741.666	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
146	2430.03	741.666	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	2430.03	916.041	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	2430.03	916.041	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
149	2430.03	916.041	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	2430.03	916.041	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
151	2430.03	1015.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
152	2430.03	1015.42	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	2430.03	1015.42	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
154	2430.03	1015.42	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	2430.03	1114.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	2430.03	1114.79	95	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	2430.03	1114.79	190	0	0	0	0	0	0	0	0	0	0	0	0	0	0
158	2430.03	1114.79	285	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	30.0331	2366.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
160	410.033	2366.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
161	680.033	2366.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
162	30.0331	1936.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
163	410.033	1936.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
164	680.033	1936.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
165	30.0331	1546.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
166	410.033	1546.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
167	680.033	1546.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
168	30.0331	1116.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
169	410.033	1116.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
170	680.033	1116.67	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0
171	30.0331	816.666	1090	0	0	0	0	0	0	0	512	0	0	0	0	0	0

432 2979.03 516.666 1160 0 0 0 0 0 0 0 0 0
433 3040.03 516.666 1160 0 0 0 0 0 0 0 0 0
434 2491.03 516.666 1195 0 0 0 0 0 0 0 0 0
435 2552.03 516.666 1195 0 0 0 0 0 0 0 0 0
436 2613.03 516.666 1195 0 0 0 0 0 0 0 0 0
437 2674.03 516.666 1195 0 0 0 0 0 0 0 0 0
438 2735.03 516.666 1195 0 0 0 0 0 0 0 0 0
439 2796.03 516.666 1195 0 0 0 0 0 0 0 0 0
440 2857.03 516.666 1195 0 0 0 0 0 0 0 0 0
441 2918.03 516.666 1195 0 0 0 0 0 0 0 0 0
442 2979.03 516.666 1195 0 0 0 0 0 0 0 0 0
443 3040.03 516.666 1195 0 0 0 0 0 0 0 0 0
444 3094.53 516.666 1090 0 0 0 0 0 0 512 0 0
445 3203.53 516.666 1090 0 0 0 0 0 0 512 0 0
446 3312.53 516.666 1090 0 0 0 0 0 0 512 0 0
447 3421.53 516.666 1090 0 0 0 0 0 0 512 0 0
448 3530.53 516.666 1090 0 0 0 0 0 0 512 0 0
449 3638.37 516.666 1195 0 0 0 0 0 0 0 0 0
450 3691.7 516.666 1195 0 0 0 0 0 0 0 0 0
451 3745.03 516.666 1195 0 0 0 0 0 0 0 0 0
452 3798.37 516.666 1195 0 0 0 0 0 0 0 0 0
453 3851.7 516.666 1195 0 0 0 0 0 0 0 0 0
454 3638.37 516.666 1090 0 0 0 0 0 0 512 0 0
455 3691.7 516.666 1090 0 0 0 0 0 0 512 0 0
456 3905.03 516.666 1195 0 0 0 0 0 0 0 0 0
457 3958.37 516.666 1195 0 0 0 0 0 0 0 0 0
458 4011.7 516.666 1195 0 0 0 0 0 0 0 0 0
459 4065.03 516.666 1195 0 0 0 0 0 0 0 0 0
460 3798.37 516.666 1090 0 0 0 0 0 0 512 0 0
461 3851.7 516.666 1090 0 0 0 0 0 0 512 0 0
462 3958.37 516.666 1090 0 0 0 0 0 0 512 0 0
463 4011.7 516.666 1090 0 0 0 0 0 0 512 0 0
464 4118.37 516.666 1195 0 0 0 0 0 0 0 0 0
465 4171.7 516.666 1195 0 0 0 0 0 0 0 0 0
466 4225.03 516.666 1195 0 0 0 0 0 0 0 0 0
467 4278.37 516.666 1195 0 0 0 0 0 0 0 0 0
468 4118.37 516.666 1090 0 0 0 0 0 0 512 0 0
469 4171.7 516.666 1090 0 0 0 0 0 0 512 0 0
470 4278.37 516.666 1090 0 0 0 0 0 0 512 0 0
471 4331.7 516.666 1090 0 0 0 0 0 0 512 0 0
472 4331.7 516.666 1195 0 0 0 0 0 0 0 0 0
473 4385.03 516.666 1195 0 0 0 0 0 0 0 0 0
474 3094.53 516.666 1125 0 0 0 0 0 0 0 0 0
475 3149.03 516.666 1125 0 0 0 0 0 0 0 0 0
476 3203.53 516.666 1125 0 0 0 0 0 0 0 0 0
477 3258.03 516.666 1125 0 0 0 0 0 0 0 0 0
478 680.033 6.6657 1360 0 0 0 0 0 0 0 0 0
479 1240.03 6.6657 1360 0 0 0 0 0 0 0 0 0
480 1880.03 6.6657 1360 0 0 0 0 0 0 0 0 0
481 2430.03 9.1657 1360 0 0 0 0 0 0 0 0 0
482 3040.03 9.1657 1360 0 0 0 0 0 0 0 0 0
483 3590.03 26.6657 1360 0 0 0 0 0 0 0 0 0
484 4387.53 49.1657 1360 0 0 0 0 0 0 0 0 0
485 1880.03 1216.67 1240 0 0 0 0 0 0 0 0 0
486 2430.03 1214.17 1240 0 0 0 0 0 0 0 0 0
487 3040.03 1214.17 1240 0 0 0 0 0 0 0 0 0
488 3040.03 516.666 1360 0 0 0 0 0 0 0 0 0
489 3585.03 516.666 1360 0 0 0 0 0 0 0 0 0
490 4385.03 516.666 1360 0 0 0 0 0 0 0 0 0
491 4387.53 814.166 1360 0 0 0 0 0 0 0 0 0
492 3585.03 816.666 1360 0 0 0 0 0 0 0 0 0
493 3040.03 1214.17 1360 0 0 0 0 0 0 0 0 0
494 3040.03 816.666 1360 0 0 0 0 0 0 0 0 0
495 3587.53 1214.17 1360 0 0 0 0 0 0 0 0 0
496 30.0331 6.6657 1360 0 0 0 0 0 0 0 0 0

497	410.033	6.6657	1360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
498	30.0331	2366.67	1360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
499	30.0331	1936.67	1360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
500	30.0331	1546.67	1360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
501	30.0331	1116.67	1360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
502	30.0331	816.666	1360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
503	30.0331	516.666	1360	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
504	410.033	2366.67	1195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
505	410.033	1936.67	1195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
506	410.033	1546.67	1195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
507	410.033	1116.67	1195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
508	410.033	816.666	1195	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
509	3587.53	1214.17	1240	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
510	3348.56	553.05	380	0	0	1	1	1	0	0	1	0	0	1	0	0	0	0	0
511	1855.42	742.903	730	0	0	1	1	1	0	0	2	0	0	0	0	0	0	0	0
512	1815.15	754.429	1090	0	0	1	1	1	0	0	3	0	0	0	0	0	0	0	0

Constraint - Master-Slave

Master Slave

510	122	121	120	119	118	117	116	115	114	58	57	56							
	55	54	53	52	51	50	49	48	47	46	42	41							
511	101	100	99	98	97	96	95	94	93	92	91	90							
	89	88	87	86	85	84	83	82	81	80	79	78							
	77	76	75	74	73	72	71	70	69	68	67	66							
	65	64	63	62	61	60	59												
512	471	470	469	468	463	462	461	460	455	454	448	447							
	446	445	444	383	380	379	376	375	372	371	368	367							
	364	302	301	298	297	294	292	291	288	287	284	229							
	228	227	226	225	224	223	222	221	220	219	218	217							
	216	215	214	213	212	211	210	209	208	207	206	205							
	204	203	202	201	200	199	198	197	196	195	194	193							
	192	191	190	189	188	187	186	185	184	183	182	181							
	180	179	178	177	176	175	174	173	172	171	170	169							
	168	167	166	165	164	163	162	161	160	159									

ESTREMI E DATI DEGLI ELEMENTI (Fase 1)

Elemento	Estremi	Tipo	Carico	NodoK	Massa	Materiale-EE
1	196 509	8	993	0	62	
2	255 196	8	1	0	61	
3	487 509	1	993	0	62	
4	509 495	8	1	0	61	
5	195 509	8	1	0	61	
6	403 413	8	1	0	61	
7	393 403	8	1	0	61	
8	190 393	8	1	0	61	
9	353 363	8	1	0	61	
10	343 353	8	1	0	61	
11	187 343	8	1	0	61	
12	323 333	8	1	0	61	
13	313 323	8	1	0	61	
14	181 313	8	1	0	61	
15	277 283	8	1	0	61	
16	271 277	8	1	0	61	
17	176 271	8	1	0	61	
18	272 278	8	1	0	61	
19	266 272	8	1	0	61	
20	175 266	8	1	0	61	
21	508 278	7	1092	0	60	
22	506 500	6	1	0	61	
23	167 506	6	1	0	61	
24	507 508	7	1093	0	59	
25	506 507	7	1093	0	59	

26	505 506	7	1093	0	59
27	504 505	7	1087	0	59
28	504 498	8	994	0	58
29	161 504	8	994	0	58
30	499 498	7	1086	0	57
31	500 499	7	1086	0	57
32	501 500	7	1086	0	57
33	502 501	7	1086	0	57
34	503 502	7	1086	0	57
35	496 503	7	1089	0	62
36	160 504	8	1	0	61
37	163 505	8	1	0	61
38	166 506	8	1	0	61
39	169 507	8	1	0	61
40	172 508	8	1	0	61
41	159 498	8	1	0	61
42	162 499	8	1	0	61
43	165 500	8	1	0	61
44	168 501	8	1	0	61
45	171 502	8	1	0	61
46	174 503	8	1	0	61
47	177 496	8	1	0	61
48	178 497	8	1	0	61
49	278 496	13	1101	0	56
50	497 496	1	1104	0	55
51	478 497	1	1103	0	54
52	173 278	13	1102	0	53
53	283 478	8	1	0	61
54	173 283	8	1	0	61
55	483 484	1	1103	0	54
56	482 483	1	1103	0	54
57	481 482	1	1103	0	54
58	480 481	1	1103	0	54
59	479 480	1	1103	0	54
60	478 479	1	1103	0	54
61	363 480	8	1	0	61
62	186 363	8	1	0	61
63	473 484	8	994	0	58
64	255 483	8	1	0	61
65	492 489	8	1	0	61
66	494 492	6	1011	0	52
67	492 495	8	1	0	61
68	491 492	6	1012	0	51
69	490 491	8	1	0	61
70	489 490	6	1005	0	50
71	488 489	6	1006	0	50
72	494 488	8	1	0	61
73	493 494	8	1	0	61
74	493 495	6	1010	0	49
75	473 490	8	1	0	61
76	382 473	8	1	0	61
77	293 382	8	1	0	61
78	200 293	8	1	0	61
79	255 489	8	1	0	61
80	245 255	8	1	0	61
81	235 245	8	1	0	61
82	197 235	8	1	0	61
83	443 488	8	1	0	61
84	433 443	8	1	0	61
85	423 433	8	1	0	61
86	193 423	8	1	0	61
87	201 491	8	1	0	61
88	196 492	8	1	0	61
89	192 494	8	1	0	61
90	487 493	8	1	0	61

91	185 487	8	1	0	61
92	486 487	1	1111	0	48
93	485 486	1	1111	0	48
94	186 485	8	994	0	58
95	183 485	8	1	0	61
96	184 486	8	1	0	61
97	179 478	8	1	0	61
98	182 479	8	1	0	61
99	188 480	8	1	0	61
100	191 481	8	1	0	61
101	194 482	8	1	0	61
102	198 483	17	1	0	61
103	199 484	8	1	0	61
104	381 472 473 382	2	1	0	61
105	378 467 472 381	2	1	0	61
106	377 466 467 378	2	1	0	61
107	374 465 466 377	2	1	0	61
108	373 464 465 374	2	1	0	61
109	370 459 464 373	2	1	0	61
110	369 458 459 370	2	1	0	61
111	366 457 458 369	2	1	0	61
112	365 456 457 366	2	1	0	61
113	303 453 456 365	2	1	0	61
114	300 452 453 303	2	1	0	61
115	299 451 452 300	2	1	0	61
116	296 450 451 299	2	1	0	61
117	295 449 450 296	2	1	0	61
118	245 255 449 295	2	1	0	61
119	290 381 382 293	2	1	0	61
120	289 378 381 290	2	1	0	61
121	286 377 378 289	2	1	0	61
122	285 374 377 286	2	1	0	61
123	265 373 374 285	2	1	0	61
124	264 370 373 265	2	1	0	61
125	263 369 370 264	2	1	0	61
126	262 366 369 263	2	1	0	61
127	261 365 366 262	2	1	0	61
128	260 303 365 261	2	1	0	61
129	259 300 303 260	2	1	0	61
130	258 299 300 259	2	1	0	61
131	257 296 299 258	2	1	0	61
132	256 295 296 257	2	1	0	61
133	235 245 295 256	2	1	0	61
134	471 290 293 200	2	1	0	61
135	470 289 290 471	2	1	0	61
136	229 286 289 470	2	1	0	61
137	469 285 286 229	2	1	0	61
138	468 265 285 469	2	1	0	61
139	228 264 265 468	2	1	0	61
140	463 263 264 228	2	1	0	61
141	462 262 263 463	2	1	0	61
142	227 261 262 462	2	1	0	61
143	461 260 261 227	2	1	0	61
144	460 259 260 461	2	1	0	61
145	226 258 259 460	2	1	0	61
146	455 257 258 226	2	1	0	61
147	454 256 257 455	2	1	0	61
148	197 235 256 454	2	1	0	61
149	244 254 255 245	2	1	0	61
150	243 253 254 244	2	1	0	61
151	242 252 253 243	2	1	0	61
152	241 251 252 242	2	1	0	61
153	240 250 251 241	2	1	0	61
154	239 249 250 240	2	1	0	61
155	238 248 249 239	2	1	0	61

156	237 247 248 238	2	1	0	61
157	236 246 247 237	2	1	0	61
158	433 443 246 236	2	1	0	61
159	234 244 245 235	2	1	0	61
160	233 243 244 234	2	1	0	61
161	232 242 243 233	2	1	0	61
162	231 241 242 232	2	1	0	61
163	230 240 241 231	2	1	0	61
164	477 239 240 230	2	1	0	61
165	476 238 239 477	2	1	0	61
166	475 237 238 476	2	1	0	61
167	474 236 237 475	2	1	0	61
168	423 433 236 474	2	1	0	61
169	448 234 235 197	2	1	0	61
170	225 233 234 448	2	1	0	61
171	447 232 233 225	2	1	0	61
172	224 231 232 447	2	1	0	61
173	446 230 231 224	2	1	0	61
174	223 477 230 446	2	1	0	61
175	445 476 477 223	2	1	0	61
176	222 475 476 445	2	1	0	61
177	444 474 475 222	2	1	0	61
178	193 423 474 444	2	1	0	61
179	472 473	3	1109	0	47
180	467 472	3	1109	0	47
181	466 467	3	1109	0	47
182	471 200	3	911	0	46
183	470 471	3	912	0	46
184	229 470	3	913	0	46
185	469 229	3	914	0	46
186	468 469	3	915	0	46
187	228 468	3	916	0	46
188	465 466	3	1109	0	47
189	464 465	3	1109	0	47
190	459 464	3	1109	0	47
191	458 459	3	1109	0	47
192	457 458	3	1109	0	47
193	456 457	3	1109	0	47
194	463 228	3	917	0	46
195	462 463	3	918	0	46
196	227 462	3	919	0	46
197	461 227	3	920	0	46
198	460 461	3	921	0	46
199	226 460	3	922	0	46
200	453 456	3	1109	0	47
201	452 453	3	1109	0	47
202	451 452	3	1109	0	47
203	450 451	3	1109	0	47
204	449 450	3	1109	0	47
205	255 449	3	1109	0	47
206	455 226	3	923	0	46
207	454 455	3	924	0	46
208	197 454	3	925	0	45
209	254 255	3	1109	0	47
210	253 254	3	1109	0	47
211	252 253	3	1109	0	47
212	251 252	3	1109	0	47
213	250 251	3	1109	0	47
214	249 250	3	1109	0	47
215	248 249	3	1109	0	47
216	247 248	3	1109	0	47
217	246 247	3	1109	0	47
218	443 246	3	1109	0	47
219	448 197	3	926	0	44
220	225 448	3	927	0	44

221	447 225	3	928	0	44
222	224 447	3	929	0	44
223	446 224	3	930	0	44
224	223 446	3	931	0	44
225	445 223	3	932	0	44
226	222 445	3	933	0	44
227	444 222	3	934	0	44
228	193 444	3	935	0	44
229	432 442 443 433	2	1	0	61
230	431 441 442 432	2	1	0	61
231	430 440 441 431	2	1	0	61
232	429 439 440 430	2	1	0	61
233	428 438 439 429	2	1	0	61
234	427 437 438 428	2	1	0	61
235	426 436 437 427	2	1	0	61
236	425 435 436 426	2	1	0	61
237	424 434 435 425	2	1	0	61
238	403 413 434 424	2	1	0	61
239	422 432 433 423	2	1	0	61
240	421 431 432 422	2	1	0	61
241	420 430 431 421	2	1	0	61
242	419 429 430 420	2	1	0	61
243	418 428 429 419	2	1	0	61
244	417 427 428 418	2	1	0	61
245	416 426 427 417	2	1	0	61
246	415 425 426 416	2	1	0	61
247	414 424 425 415	2	1	0	61
248	393 403 424 414	2	1	0	61
249	383 422 423 193	2	1	0	61
250	221 421 422 383	2	1	0	61
251	380 420 421 221	2	1	0	61
252	220 419 420 380	2	1	0	61
253	379 418 419 220	2	1	0	61
254	219 417 418 379	2	1	0	61
255	376 416 417 219	2	1	0	61
256	218 415 416 376	2	1	0	61
257	375 414 415 218	2	1	0	61
258	190 393 414 375	2	1	0	61
259	402 412 413 403	2	1	0	61
260	401 411 412 402	2	1	0	61
261	400 410 411 401	2	1	0	61
262	399 409 410 400	2	1	0	61
263	398 408 409 399	2	1	0	61
264	397 407 408 398	2	1	0	61
265	396 406 407 397	2	1	0	61
266	395 405 406 396	2	1	0	61
267	394 404 405 395	2	1	0	61
268	353 363 404 394	2	1	0	61
269	392 402 403 393	2	1	0	61
270	391 401 402 392	2	1	0	61
271	390 400 401 391	2	1	0	61
272	389 399 400 390	2	1	0	61
273	388 398 399 389	2	1	0	61
274	387 397 398 388	2	1	0	61
275	386 396 397 387	2	1	0	61
276	385 395 396 386	2	1	0	61
277	384 394 395 385	2	1	0	61
278	343 353 394 384	2	1	0	61
279	372 392 393 190	2	1	0	61
280	217 391 392 372	2	1	0	61
281	371 390 391 217	2	1	0	61
282	216 389 390 371	2	1	0	61
283	368 388 389 216	2	1	0	61
284	215 387 388 368	2	1	0	61
285	367 386 387 215	2	1	0	61

286	214 385 386 367	2	1	0	61
287	364 384 385 214	2	1	0	61
288	187 343 384 364	2	1	0	61
289	383 193	3	936	0	44
290	221 383	3	937	0	44
291	442 443	3	1108	0	43
292	441 442	3	1108	0	43
293	440 441	3	1108	0	43
294	439 440	3	1108	0	43
295	380 221	3	938	0	44
296	220 380	3	939	0	44
297	379 220	3	940	0	44
298	219 379	3	941	0	44
299	438 439	3	1108	0	43
300	437 438	3	1108	0	43
301	436 437	3	1108	0	43
302	435 436	3	1108	0	43
303	376 219	3	942	0	44
304	218 376	3	943	0	44
305	375 218	3	944	0	44
306	190 375	3	945	0	44
307	434 435	3	1108	0	43
308	413 434	3	1108	0	43
309	412 413	3	1108	0	43
310	411 412	3	1108	0	43
311	372 190	3	946	0	44
312	217 372	3	947	0	44
313	371 217	3	948	0	44
314	216 371	3	949	0	44
315	410 411	3	1108	0	43
316	409 410	3	1108	0	43
317	408 409	3	1108	0	43
318	407 408	3	1108	0	43
319	368 216	3	950	0	44
320	215 368	3	951	0	44
321	367 215	3	952	0	44
322	214 367	3	953	0	44
323	406 407	3	1108	0	43
324	405 406	3	1108	0	43
325	404 405	3	1108	0	43
326	363 404	3	1108	0	43
327	364 214	3	954	0	44
328	187 364	3	955	0	44
329	352 362 363 353	2	1	0	61
330	351 361 362 352	2	1	0	61
331	350 360 361 351	2	1	0	61
332	349 359 360 350	2	1	0	61
333	348 358 359 349	2	1	0	61
334	347 357 358 348	2	1	0	61
335	346 356 357 347	2	1	0	61
336	345 355 356 346	2	1	0	61
337	344 354 355 345	2	1	0	61
338	323 333 354 344	2	1	0	61
339	342 352 353 343	2	1	0	61
340	341 351 352 342	2	1	0	61
341	340 350 351 341	2	1	0	61
342	339 349 350 340	2	1	0	61
343	338 348 349 339	2	1	0	61
344	337 347 348 338	2	1	0	61
345	336 346 347 337	2	1	0	61
346	335 345 346 336	2	1	0	61
347	334 344 345 335	2	1	0	61
348	313 323 344 334	2	1	0	61
349	302 342 343 187	2	1	0	61
350	213 341 342 302	2	1	0	61

351	301 340 341 213	2	1	0	61
352	212 339 340 301	2	1	0	61
353	298 338 339 212	2	1	0	61
354	211 337 338 298	2	1	0	61
355	297 336 337 211	2	1	0	61
356	210 335 336 297	2	1	0	61
357	294 334 335 210	2	1	0	61
358	181 313 334 294	2	1	0	61
359	322 332 333 323	2	1	0	61
360	321 331 332 322	2	1	0	61
361	320 330 331 321	2	1	0	61
362	319 329 330 320	2	1	0	61
363	318 328 329 319	2	1	0	61
364	317 327 328 318	2	1	0	61
365	316 326 327 317	2	1	0	61
366	315 325 326 316	2	1	0	61
367	314 324 325 315	2	1	0	61
368	277 283 324 314	2	1	0	61
369	312 322 323 313	2	1	0	61
370	311 321 322 312	2	1	0	61
371	310 320 321 311	2	1	0	61
372	309 319 320 310	2	1	0	61
373	308 318 319 309	2	1	0	61
374	307 317 318 308	2	1	0	61
375	306 316 317 307	2	1	0	61
376	305 315 316 306	2	1	0	61
377	304 314 315 305	2	1	0	61
378	271 277 314 304	2	1	0	61
379	292 312 313 181	2	1	0	61
380	209 311 312 292	2	1	0	61
381	291 310 311 209	2	1	0	61
382	208 309 310 291	2	1	0	61
383	288 308 309 208	2	1	0	61
384	207 307 308 288	2	1	0	61
385	287 306 307 207	2	1	0	61
386	206 305 306 287	2	1	0	61
387	284 304 305 206	2	1	0	61
388	176 271 304 284	2	1	0	61
389	362 363	3	1108	0	43
390	361 362	3	1108	0	43
391	302 187	3	956	0	44
392	213 302	3	957	0	44
393	301 213	3	958	0	44
394	212 301	3	959	0	44
395	360 361	3	1108	0	43
396	359 360	3	1108	0	43
397	358 359	3	1108	0	43
398	357 358	3	1108	0	43
399	298 212	3	960	0	44
400	211 298	3	961	0	44
401	297 211	3	962	0	44
402	210 297	3	963	0	44
403	356 357	3	1108	0	43
404	355 356	3	1108	0	43
405	354 355	3	1108	0	43
406	333 354	3	1108	0	43
407	294 210	3	964	0	44
408	181 294	3	965	0	44
409	332 333	3	1108	0	43
410	331 332	3	1108	0	43
411	292 181	3	966	0	44
412	209 292	3	967	0	44
413	291 209	3	968	0	44
414	208 291	3	969	0	44
415	330 331	3	1108	0	43

416	329 330	3	1108	0	43
417	328 329	3	1108	0	43
418	327 328	3	1108	0	43
419	288 208	3	970	0	44
420	207 288	3	971	0	44
421	287 207	3	972	0	44
422	206 287	3	973	0	44
423	326 327	3	1108	0	43
424	325 326	3	1108	0	43
425	324 325	3	1108	0	43
426	283 324	3	1108	0	43
427	284 206	3	974	0	44
428	176 284	3	975	0	44
429	276 282 283 277	2	1	0	61
430	275 281 282 276	2	1	0	61
431	274 280 281 275	2	1	0	61
432	273 279 280 274	2	1	0	61
433	272 278 279 273	2	1	0	61
434	270 276 277 271	2	1	0	61
435	269 275 276 270	2	1	0	61
436	268 274 275 269	2	1	0	61
437	267 273 274 268	2	1	0	61
438	266 272 273 267	2	1	0	61
439	205 270 271 176	2	1	0	61
440	204 269 270 205	2	1	0	61
441	203 268 269 204	2	1	0	61
442	202 267 268 203	2	1	0	61
443	175 266 267 202	2	1	0	61
444	282 283	3	1101	0	56
445	281 282	3	1101	0	56
446	280 281	3	1101	0	56
447	279 280	3	1101	0	56
448	278 279	3	1101	0	56
449	205 176	3	976	0	44
450	204 205	3	977	0	44
451	203 204	3	978	0	44
452	202 203	3	979	0	44
453	175 202	3	980	0	44
454	101 201	8	1	0	61
455	100 200	8	1	0	61
456	99 199	8	1	0	61
457	98 198	17	1	0	61
458	97 197	8	1	0	61
459	96 196	8	1	0	61
460	95 195	8	1	0	61
461	85 185	8	1	0	61
462	92 192	8	1	0	61
463	93 193	8	1	0	61
464	94 194	8	1	0	61
465	91 191	8	1	0	61
466	90 190	8	1	0	61
467	89 189	8	1	0	61
468	84 184	8	1	0	61
469	83 183	8	1	0	61
470	86 186	8	1	0	61
471	87 187	8	1	0	61
472	88 188	8	1	0	61
473	80 180	8	1	0	61
474	81 181	8	1	0	61
475	82 182	8	1	0	61
476	73 173	8	1	0	61
477	76 176	8	1	0	61
478	72 172	8	1	0	61
479	79 179	8	1	0	61
480	75 175	8	1	0	61

481	78 178	8	1	0	61
482	70 170	8	1	0	61
483	69 169	8	1	0	61
484	66 166	8	1	0	61
485	67 167	8	1	0	61
486	64 164	8	1	0	61
487	63 163	8	1	0	61
488	61 161	8	1	0	61
489	60 160	8	1	0	61
490	59 159	8	1	0	61
491	62 162	8	1	0	61
492	65 165	8	1	0	61
493	68 168	8	1	0	61
494	71 171	8	1	0	61
495	74 174	8	1	0	61
496	77 177	8	1	0	61
497	166 167	6	1	0	61
498	165 166	6	1	0	61
499	163 160	7	326	0	42
500	166 163	7	327	0	42
501	169 166	7	328	0	42
502	172 169	7	329	0	42
503	160 161	8	989	0	41
504	159 160	8	989	0	41
505	162 159	6	982	0	40
506	165 162	6	982	0	40
507	168 165	6	982	0	40
508	171 168	6	998	0	40
509	174 171	6	983	0	39
510	177 174	6	983	0	39
511	164 161	14	1100	0	38
512	167 164	14	1099	0	38
513	170 167	14	1098	0	38
514	173 170	14	1097	0	38
515	176 173	8	1	0	61
516	179 176	8	1	0	61
517	186 183	8	989	0	41
518	187 186	8	1	0	61
519	188 187	8	1	0	61
520	196 195	6	989	0	41
521	197 196	8	1	0	61
522	198 197	8	1	0	61
523	200 201	8	1	0	61
524	199 200	8	989	0	41
525	185 195	14	992	0	37
526	184 185	14	991	0	36
527	183 184	14	990	0	35
528	196 201	14	910	0	34
529	192 196	14	687	0	33
530	189 192	14	1112	0	32
531	186 189	14	1113	0	31
532	180 186	14	1105	0	30
533	173 180	14	1105	0	30
534	172 173	14	688	0	29
535	171 172	14	693	0	29
536	174 175	14	981	0	44
537	198 199	14	988	0	28
538	194 198	14	987	0	27
539	191 194	14	984	0	26
540	188 191	14	986	0	25
541	182 188	14	984	0	26
542	179 182	14	984	0	26
543	178 179	14	984	0	26
544	177 178	14	985	0	26
545	66 67	7	1	0	61

546	65 66	7	1	0	61
547	63 60	11	182	0	24
548	66 63	11	183	0	24
549	69 66	11	184	0	24
550	72 69	11	185	0	24
551	60 61	6	148	0	23
552	59 60	6	148	0	23
553	62 59	6	178	0	22
554	65 62	6	179	0	22
555	68 65	6	180	0	22
556	71 68	6	181	0	22
557	74 71	6	148	0	23
558	77 74	6	148	0	23
559	64 61	6	166	0	24
560	67 64	6	167	0	24
561	70 67	6	168	0	24
562	73 70	6	169	0	24
563	76 73	6	1	0	61
564	79 76	5	1	0	61
565	86 83	6	148	0	23
566	87 86	4	1	0	61
567	88 87	5	1	0	61
568	96 95	6	148	0	23
569	97 96	7	1	0	61
570	98 97	5	1	0	61
571	100 101	6	1	0	61
572	99 100	6	1	0	61
573	85 95	14	257	0	21
574	84 85	14	258	0	21
575	83 84	14	256	0	20
576	96 101	14	293	0	19
577	92 96	14	260	0	18
578	89 92	14	261	0	18
579	86 89	14	259	0	18
580	80 86	14	262	0	17
581	73 80	14	263	0	17
582	72 73	14	264	0	16
583	71 72	14	265	0	16
584	97 100	14	294	0	15
585	93 97	14	295	0	14
586	90 93	14	296	0	14
587	87 90	14	297	0	14
588	81 87	14	298	0	14
589	76 81	14	299	0	14
590	75 76	14	300	0	14
591	74 75	14	301	0	14
592	98 99	14	283	0	13
593	94 98	14	213	0	12
594	91 94	14	212	0	11
595	88 91	14	211	0	10
596	82 88	14	210	0	11
597	79 82	14	214	0	11
598	78 79	14	209	0	11
599	77 78	14	215	0	11
600	158 104 41 116	10	1	0	61
601	157 103 104 158	10	1	0	61
602	156 102 103 157	10	1	0	61
603	155 1 102 156	10	1	0	61
604	154 158 116 115	10	1	0	61
605	153 157 158 154	10	1	0	61
606	152 156 157 153	10	1	0	61
607	151 155 156 152	10	1	0	61
608	150 154 115 114	10	1	0	61
609	149 153 154 150	10	1	0	61
610	148 152 153 149	10	1	0	61

611	147 151 152 148	10	1	0	61
612	107 150 114 46	10	1	0	61
613	106 149 150 107	10	1	0	61
614	105 148 149 106	10	1	0	61
615	3 147 148 105	10	1	0	61
616	146 107 46 119	10	1	0	61
617	145 106 107 146	10	1	0	61
618	144 105 106 145	10	1	0	61
619	143 3 105 144	10	1	0	61
620	142 146 119 118	10	1	0	61
621	141 145 146 142	10	1	0	61
622	140 144 145 141	10	1	0	61
623	139 143 144 140	10	1	0	61
624	138 142 118 117	10	1	0	61
625	137 141 142 138	10	1	0	61
626	136 140 141 137	10	1	0	61
627	135 139 140 136	10	1	0	61
628	110 138 117 47	10	1	0	61
629	109 137 138 110	10	1	0	61
630	108 136 137 109	10	1	0	61
631	4 135 136 108	10	1	0	61
632	134 110 47 122	10	1	0	61
633	133 109 110 134	10	1	0	61
634	132 108 109 133	10	1	0	61
635	131 4 108 132	10	1	0	61
636	130 134 122 121	10	1	0	61
637	129 133 134 130	10	1	0	61
638	128 132 133 129	10	1	0	61
639	127 131 132 128	10	1	0	61
640	126 130 121 120	10	1	0	61
641	125 129 130 126	10	1	0	61
642	124 128 129 125	10	1	0	61
643	123 127 128 124	10	1	0	61
644	113 126 120 48	10	1	0	61
645	112 125 126 113	10	1	0	61
646	111 124 125 112	10	1	0	61
647	5 123 124 111	10	1	0	61
648	122 47	9	1	0	61
649	121 122	9	1	0	61
650	120 121	9	1	0	61
651	48 120	9	1	0	61
652	119 46	9	1	0	61
653	118 119	9	1	0	61
654	117 118	9	1	0	61
655	47 117	9	1	0	61
656	116 41	9	1	0	61
657	115 116	9	1	0	61
658	114 115	9	1	0	61
659	46 114	9	1	0	61
660	113 48	15	1	0	61
661	112 113	15	1	0	61
662	111 112	15	1	0	61
663	5 111	15	1	0	61
664	110 47	16	1	0	61
665	109 110	16	1	0	61
666	108 109	16	1	0	61
667	4 108	16	1	0	61
668	107 46	16	1	0	61
669	106 107	16	1	0	61
670	105 106	16	1	0	61
671	3 105	16	1	0	61
672	104 41	15	1	0	61
673	103 104	15	1	0	61
674	102 103	15	1	0	61
675	1 102	15	1	0	61

676	54 57	12	135	0	61
677	50 54	14	134	0	9
678	47 50	14	136	0	9
679	53 58	13	148	0	23
680	49 53	14	143	0	8
681	46 49	14	144	0	8
682	42 52	14	147	0	7
683	41 42	14	147	0	7
684	53 52	11	148	0	23
685	54 53	11	114	0	6
686	55 54	11	108	0	5
687	57 58	11	115	0	4
688	56 57	11	116	0	3
689	55 56	13	148	0	23
690	51 55	14	151	0	2
691	48 51	14	150	0	1
692	34 77	8	1	0	61
693	31 74	8	1	0	61
694	28 71	8	1	0	61
695	25 68	8	1	0	61
696	22 65	8	1	0	61
697	19 62	8	1	0	61
698	16 59	8	1	0	61
699	35 78	8	1	0	61
700	32 75	8	1	0	61
701	29 72	8	1	0	61
702	26 69	8	1	0	61
703	23 66	8	1	0	61
704	20 63	8	1	0	61
705	17 60	8	1	0	61
706	36 79	8	1	0	61
707	33 76	8	1	0	61
708	30 73	8	1	0	61
709	27 70	8	1	0	61
710	24 67	8	1	0	61
711	21 64	8	1	0	61
712	18 61	8	1	0	61
713	39 82	8	1	0	61
714	38 81	8	1	0	61
715	37 80	8	1	0	61
716	45 88	8	1	0	61
717	44 87	8	1	0	61
718	43 86	8	1	0	61
719	40 83	8	1	0	61
720	48 91	8	1	0	61
721	47 90	15	1	0	61
722	46 89	15	1	0	61
723	41 84	8	1	0	61
724	51 94	8	1	0	61
725	50 93	15	1	0	61
726	49 92	15	1	0	61
727	42 85	8	1	0	61
728	55 98	17	1	0	61
729	54 97	15	1	0	61
730	53 96	15	1	0	61
731	52 95	8	1	0	61
732	56 99	8	1	0	61
733	57 100	15	1	0	61
734	58 101	8	1	0	61
735	15 58	15	1	0	61
736	14 57	16	1	0	61
737	13 56	15	1	0	61
738	9 52	15	1	0	61
739	10 53	16	1	0	61
740	11 54	16	1	0	61

741	12	55	17	1	0	61
742	2	42	15	1	0	61
743	6	49	15	1	0	61
744	7	50	15	1	0	61
745	8	51	15	1	0	61

ELEMENTI TIPO (Fase 1)

TRAVE SEZIONE DOPPIO T

Tipo	wd	wt	tft	tfw	bft	bfw	vi	vj
Materiale elastico: E=163888 G=76944.2								
1	70	30	0	0	0	0	0	0
3	10	20	0	0	0	0	0	0
4	20	40	0	0	0	0	0	0
5	70	20	0	0	0	0	0	0
6	50	40	0	0	0	0	0	0
7	50	30	0	0	0	0	0	0
8	40	40	0	0	0	0	0	0
9	15	40	0	0	0	0	0	0
11	60	40	0	0	0	0	0	0
12	30	50	0	0	0	0	0	0
13	60	30	0	0	0	0	0	0
14	70	40	0	0	0	0	0	0
15	45	45	0	0	0	0	0	0
16	50	50	0	0	0	0	0	0
17	40	80	0	0	0	0	0	0

GUSCIO

Tipo	Tk
Materiale elastico: E=163888 P=0.0649821	
2	20
10	40

Tipi di carico

Nome	Tipo	Grav.	Gamma fav	Gamma sfav.	Gamma sismico	Psi 0	Psi 1	Psi 2	Psi 2	Phi
Combinazione	combinazione		nd	0.00	0.00	nd	nd	nd	nd	nd
Permanente	permanente	*	1.00	1.30	1.00	nd	nd	nd	nd	nd
Permanente non strutt.	permanente	*	0.00	1.50	1.00	nd	nd	nd	nd	nd
Sismico SLV	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLD	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLO	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Sismico SLC	sismico		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLV	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLD	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLO	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Torcente SLC	sismico correlato		nd	1.00	0.00	nd	nd	nd	nd	nd
Cat. A: Residenziale	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. B: Uffici	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. C: Affollamento	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. D: Commerciale	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. E: Magazzini	variabile	*	nd	1.50	1.00	1.00	0.90	0.80	0.80	1.00
Cat. F: Rimesse (<30kN)	variabile	*	nd	1.50	1.00	0.70	0.70	0.60	0.60	1.00
Cat. G: Rimesse (>30kN)	variabile	*	nd	1.50	1.00	0.70	0.50	0.30	0.30	1.00
Cat. H: Copertura	variabile	*	nd	1.50	1.00	0.00	0.00	0.00	0.20	1.00
Neve (q<1000)	variabile	*	nd	1.50	1.00	0.50	0.20	0.00	0.00	1.00
Neve (q>1000)	variabile	*	nd	1.50	1.00	0.70	0.50	0.20	0.00	1.00
Vento	variabile non contemporaneo		nd	1.50	0.00	0.60	0.20	0.00	0.00	1.00
Temperatura	variabile non contemporaneo		nd	1.50	0.00	0.60	0.50	0.00	0.00	1.00

SPETTRI DI RISPOSTA

SLDh

fattore q automatico NO
 Dir. azione sismica orizzontale
 regolare in pianta NO
 regolare in altezza NO
 numero di intervalli 32
 materiale struttura Calcestruzzo
 tipologia struttura Telaio più piani più campate
 forma dello spettro Elastico
 categoria del suolo Depositi di sabbie e ghiaie mediamente addensate o di argille di media consistenza
 classe di duttilità Bassa
 categoria topografica T1
 normativa DM 2008
 zona sismica II
 classe d'uso 4
 tipo di stato limite SLD
 durata totale 2.18
 smorzamento 5.00
 f0 2.29
 Ag/g 0.15
 Tc* 0.30
 longitudine 13.84
 latitudine 42.17
 Pv 0.63
 Vr 100
 % quota sul pendio 1.00
 Tr 113.15
 fattore q effettivo 2.00
 fattore n effettivo 1.00
 fattore s effettivo 1.50

periodo risposta

periodo	risposta
0	1.5
0.0703294	1.59526
0.157869	1.71383
0.210988	1.71383
0.281318	1.71383
0.351647	1.71383
0.421977	1.71383
0.473608	1.71383
0.562635	1.44264
0.632965	1.28235
0.703294	1.15411
0.773624	1.04919
0.843953	0.961762
0.914282	0.88778
0.984612	0.824367
1.05494	0.76941
1.12527	0.721321
1.1956	0.678891
1.26593	0.641175
1.33626	0.607429
1.40659	0.577057
1.47692	0.549578
1.54725	0.524597
1.61758	0.501789
1.68791	0.480881
1.75824	0.461646
1.82856	0.44389
1.89889	0.42745
1.96922	0.412184
2.03955	0.39797
2.10988	0.384705
2.18021	0.372295

SLVh

fattore q automatico NO
 Dir. azione sismica orizzontale

regolare in pianta NO
 regolare in altezza NO
 numero di intervalli 32
 materiale struttura Calcestruzzo
 tipologia struttura Telaio più piani più campate
 forma dello spettro Inelastico
 categoria del suolo Depositi di sabbie e ghiaie mediamente addensate o di argille di media consistenza
 classe di duttilità Bassa
 categoria topografica T1
 normativa DM 2008
 zona sismica II
 classe d'uso 4
 tipo di stato limite SLV
 durata totale 2.94
 smorzamento 5.00
 f0 2.41
 Ag/g 0.33
 Tc* 0.36
 longitudine 13.84
 latitudine 42.17
 Pv 0.10
 Vr 100
 % quota sul pendio 1.00
 Tr 1067.76
 fattore q effettivo 2.00
 fattore n effettivo 1.00
 fattore s effettivo 1.22

periodo risposta

0	1.21787
0.0947124	1.34995
0.177144	1.4649
0.284137	1.4649
0.37885	1.4649
0.473562	1.4649
0.531431	1.4649
0.662987	1.17422
0.757699	1.02744
0.852411	0.913283
0.947124	0.821954
1.04184	0.747231
1.13655	0.684962
1.23126	0.632273
1.32597	0.58711
1.42069	0.54797
1.5154	0.513721
1.61011	0.483503
1.70482	0.456641
1.79954	0.432608
1.89425	0.410977
1.98896	0.391407
2.08367	0.373616
2.17838	0.357371
2.2731	0.342481
2.36781	0.328782
2.46252	0.316136
2.55723	0.304428
2.65195	0.293555
2.74666	0.283433
2.84137	0.273985
2.93608	0.265147

SLOh

fattore q automatico NO
 Dir. azione sismica orizzontale
 regolare in pianta NO
 regolare in altezza NO

numero di intervalli 32
 materiale struttura Calcestruzzo
 tipologia struttura Telaio più piani più campate
 forma dello spettro Elastico
 categoria del suolo Depositi di sabbie e ghiaie mediamente addensate o di argille di media consistenza
 classe di duttilità Bassa
 categoria topografica T1
 normativa DM 2008
 zona sismica II
 classe d'uso 3
 tipo di stato limite SLO
 durata totale 2.94
 smorzamento 5.00
 f0 2.31
 Ag/g 0.12
 Tc* 0.29
 longitudine 13.84
 latitudine 42.17
 Pv 0.81
 Vr 112.50
 % quota sul pendio 1.00
 Tr 67.74
 fattore q effettivo 2.00
 fattore n effettivo 1.00
 fattore s effettivo 1.50

periodo risposta

0	1.5
0.0947124	1.64605
0.152258	1.73479
0.284137	1.73479
0.37885	1.73479
0.456775	1.73479
0.568274	1.39442
0.662987	1.19521
0.757699	1.04581
0.852411	0.92961
0.947124	0.836649
1.04184	0.76059
1.13655	0.697208
1.23126	0.643576
1.32597	0.597607
1.42069	0.557766
1.5154	0.522906
1.61011	0.492147
1.70482	0.464805
1.79954	0.440342
1.89425	0.418325
1.98896	0.398404
2.08367	0.375999
2.17838	0.344014
2.2731	0.315944
2.36781	0.291174
2.46252	0.269206
2.55723	0.249635
2.65195	0.232122
2.74666	0.216389
2.84137	0.202204
2.93608	0.189369

CARICHI UNIFORMI TIPO (Fase 1)

Condizione di carico: "Accidentale balconi" Tipo: "Cat. C: Affollamento"

Tipo	cdx	cdy	cdz	ref	lato
150	0	0	-3.5	gbl	0
151	0	0	-3.5	gbl	0

209	0	0	-3	gbl	0
210	0	0	-3	gbl	0
211	0	0	-3	gbl	0
212	0	0	-3	gbl	0
213	0	0	-3	gbl	0
214	0	0	-3	gbl	0
215	0	0	-3	gbl	0
283	0	0	-3	gbl	0

Condizione di carico: "Balconi e cornicioni" Tipo: "Permanente"

Tipo	cdx	cdy	cdz	ref	lato
150	0	0	-3.5	gbl	0
151	0	0	-3.5	gbl	0
209	0	0	-3	gbl	0
210	0	0	-3	gbl	0
211	0	0	-3	gbl	0
212	0	0	-3	gbl	0
213	0	0	-3	gbl	0
214	0	0	-3	gbl	0
215	0	0	-3	gbl	0
283	0	0	-3	gbl	0
993	0	0	-1.6	gbl	0
994	0	0	-1.6	gbl	0
1086	0	0	-1.6	gbl	0
1089	0	0	-1.6	gbl	0
1097	0	0	-1.6	gbl	0
1098	0	0	-1.6	gbl	0
1099	0	0	-1.6	gbl	0
1100	0	0	-1.6	gbl	0
1103	0	0	-1.6	gbl	0
1104	0	0	-1.6	gbl	0
1105	0	0	-1.6	gbl	0
1111	0	0	-1.6	gbl	0

Condizione di carico: "Tamponature esterne" Tipo: "Permanente"

Tipo	cdx	cdy	cdz	ref	lato
147	0	0	-13.3	gbl	0
148	0	0	-13.3	gbl	0
150	0	0	-13.3	gbl	0
151	0	0	-13.3	gbl	0
166	0	0	-13.3	gbl	0
167	0	0	-13.3	gbl	0
168	0	0	-13.3	gbl	0
169	0	0	-13.3	gbl	0
178	0	0	-13.3	gbl	0
179	0	0	-13.3	gbl	0
180	0	0	-13.3	gbl	0
181	0	0	-13.3	gbl	0
209	0	0	-13.3	gbl	0
210	0	0	-13.3	gbl	0
211	0	0	-13.3	gbl	0
212	0	0	-13.3	gbl	0
213	0	0	-13.3	gbl	0
214	0	0	-13.3	gbl	0
215	0	0	-13.3	gbl	0
256	0	0	-13.3	gbl	0
257	0	0	-13.3	gbl	0
258	0	0	-13.3	gbl	0
262	0	0	-13.3	gbl	0
263	0	0	-13.3	gbl	0
283	0	0	-13.3	gbl	0
293	0	0	-13.3	gbl	0
982	0	0	-9	gbl	0
983	0	0	-9	gbl	0
984	0	0	-9	gbl	0
985	0	0	-9	gbl	0

986	0	0	-9	gb1	0
987	0	0	-9	gb1	0
988	0	0	-9	gb1	0
989	0	0	-5	gb1	0
990	0	0	-5	gb1	0
991	0	0	-5	gb1	0
992	0	0	-5	gb1	0
993	0	0	-5	gb1	0
998	0	0	-9	gb1	0

Condizione di carico: "Neve" Tipo: "Neve (q<1000)"

Tipo	cdx	cdy	cdz	ref	lato
1086	0	0	-2.6	gb1	0
1087	0	0	-4.2	gb1	0
1089	0	0	-1.5	gb1	0
1092	0	0	-2.8	gb1	0
1093	0	0	-4.2	gb1	0
1097	0	0	-1.75	gb1	0
1098	0	0	-1.75	gb1	0
1099	0	0	-1.75	gb1	0
1100	0	0	-1.75	gb1	0
1101	0	0	-1.6	gb1	0
1102	0	0	-0.9	gb1	0
1103	0	0	-3.2	gb1	0
1104	0	0	-1.6	gb1	0
1105	0	0	-1.8	gb1	0
1108	0	0	-5	gb1	0
1109	0	0	-3.2	gb1	0
1111	0	0	-2.5	gb1	0
1112	0	0	-4.3	gb1	0
1113	0	0	-4.3	gb1	0

Condizione di carico: "Permanente" Tipo: "Permanente"

Tipo	cdx	cdy	cdz	ref	lato
1086	0	0	-8.3	gb1	0
1087	0	0	-14.4	gb1	0
1089	0	0	-5	gb1	0
1092	0	0	-9.5	gb1	0
1093	0	0	-14.4	gb1	0
1097	0	0	-5.8	gb1	0
1098	0	0	-5.8	gb1	0
1099	0	0	-5.8	gb1	0
1100	0	0	-5.8	gb1	0
1101	0	0	-5.4	gb1	0
1102	0	0	-3.1	gb1	0
1103	0	0	-10.8	gb1	0
1104	0	0	-5.4	gb1	0
1105	0	0	-6.2	gb1	0
1108	0	0	-17	gb1	0
1109	0	0	-10.8	gb1	0
1111	0	0	-8.4	gb1	0
1112	0	0	-14.6	gb1	0
1113	0	0	-14.6	gb1	0

CARICHI TRAPEZOIDALI TIPO (Fase 1)

Condizione di carico: "Neve" Tipo: "Neve (q<1000)"

Tipo	xi	yi	zi	xj	yj	zj	ref
1005	0	0	-1.8	0	0	-1.78505	gb1
1006	0	0	-1.8	0	0	-1.78505	gb1
1011	0	0	-4.18501	0	0	-4.17006	gb1
1012	0	0	-1.78501	0	0	-1.79393	gb1

Condizione di carico: "Accidentale sottotetto" Tipo: "Cat. A: Residenziale"

Tipo	xi	yi	zi	xj	yj	zj	ref
326	0	0	-4.875	0	0	-4.875	gb1
327	0	0	-4.875	0	0	-4.875	gb1

328 0 0 -4.875 0 0 -4.875 gbl
329 0 0 -4.875 0 0 -4.875 gbl
687 0 0 -5.23127 0 0 -5.23129 gbl
688 0 0 -2.25 0 0 -2.25 gbl
693 0 0 -2.25 0 0 -2.25 gbl
910 0 0 -2.25001 0 0 -2.2313 gbl
911 0 0 -5.92498 0 0 -5.73807 gbl
912 0 0 -5.92498 0 0 -5.73807 gbl
913 0 0 -5.92498 0 0 -5.73807 gbl
914 0 0 -5.92498 0 0 -5.73807 gbl
915 0 0 -5.92498 0 0 -5.73807 gbl
916 0 0 -5.92498 0 0 -5.73807 gbl
917 0 0 -5.92498 0 0 -5.73807 gbl
918 0 0 -5.92498 0 0 -5.73807 gbl
919 0 0 -5.92498 0 0 -5.73807 gbl
920 0 0 -5.92498 0 0 -5.73807 gbl
921 0 0 -5.92498 0 0 -5.73807 gbl
922 0 0 -5.92498 0 0 -5.73807 gbl
923 0 0 -5.92498 0 0 -5.73807 gbl
924 0 0 -5.92498 0 0 -5.73807 gbl
926 0 0 -6.075 0 0 -5.92619 gbl
927 0 0 -6.075 0 0 -5.92619 gbl
928 0 0 -6.075 0 0 -5.92619 gbl
929 0 0 -6.075 0 0 -5.92619 gbl
930 0 0 -6.075 0 0 -5.92619 gbl
931 0 0 -6.075 0 0 -5.92619 gbl
932 0 0 -6.075 0 0 -5.92619 gbl
933 0 0 -6.075 0 0 -5.92619 gbl
934 0 0 -6.075 0 0 -5.92619 gbl
935 0 0 -6.075 0 0 -5.92619 gbl
936 0 0 -6.075 0 0 -5.92619 gbl
937 0 0 -6.075 0 0 -5.92619 gbl
938 0 0 -6.075 0 0 -5.92619 gbl
939 0 0 -6.075 0 0 -5.92619 gbl
940 0 0 -6.075 0 0 -5.92619 gbl
941 0 0 -6.075 0 0 -5.92619 gbl
942 0 0 -6.075 0 0 -5.92619 gbl
943 0 0 -6.075 0 0 -5.92619 gbl
944 0 0 -6.075 0 0 -5.92619 gbl
945 0 0 -6.075 0 0 -5.92619 gbl
946 0 0 -6.075 0 0 -5.92619 gbl
947 0 0 -6.075 0 0 -5.92619 gbl
948 0 0 -6.075 0 0 -5.92619 gbl
949 0 0 -6.075 0 0 -5.92619 gbl
950 0 0 -6.075 0 0 -5.92619 gbl
951 0 0 -6.075 0 0 -5.92619 gbl
952 0 0 -6.075 0 0 -5.92619 gbl
953 0 0 -6.075 0 0 -5.92619 gbl
954 0 0 -6.075 0 0 -5.92619 gbl
955 0 0 -6.075 0 0 -5.92619 gbl
956 0 0 -6.075 0 0 -5.92619 gbl
957 0 0 -6.075 0 0 -5.92619 gbl
958 0 0 -6.075 0 0 -5.92619 gbl
959 0 0 -6.075 0 0 -5.92619 gbl
960 0 0 -6.075 0 0 -5.92619 gbl
961 0 0 -6.075 0 0 -5.92619 gbl
962 0 0 -6.075 0 0 -5.92619 gbl
963 0 0 -6.075 0 0 -5.92619 gbl
964 0 0 -6.075 0 0 -5.92619 gbl
965 0 0 -6.075 0 0 -5.92619 gbl
966 0 0 -6.075 0 0 -5.92619 gbl
967 0 0 -6.075 0 0 -5.92619 gbl
968 0 0 -6.075 0 0 -5.92619 gbl
969 0 0 -6.075 0 0 -5.92619 gbl
970 0 0 -6.075 0 0 -5.92619 gbl

971	0	0	-6.075	0	0	-5.92619	gbl
972	0	0	-6.075	0	0	-5.92619	gbl
973	0	0	-6.075	0	0	-5.92619	gbl
974	0	0	-6.075	0	0	-5.92619	gbl
975	0	0	-6.075	0	0	-5.92619	gbl
976	0	0	-6.075	0	0	-5.92619	gbl
977	0	0	-6.075	0	0	-5.92619	gbl
978	0	0	-6.075	0	0	-5.92619	gbl
979	0	0	-6.075	0	0	-5.92619	gbl
980	0	0	-6.075	0	0	-5.92619	gbl
981	0	0	-6.075	0	0	-5.92619	gbl
982	0	0	-2.85	0	0	-2.85	gbl
984	0	0	-3.825	0	0	-3.67619	gbl
985	0	0	-3.825	0	0	-3.67619	gbl
986	0	0	-3.82496	0	0	-3.67616	gbl
991	0	0	-2.98127	0	0	-2.98121	gbl
992	0	0	-2.98127	0	0	-2.98129	gbl
998	0	0	-2.85	0	0	-2.85	gbl
1097	0	0	-2.025	0	0	-2.025	gbl
1098	0	0	-2.025	0	0	-2.025	gbl
1099	0	0	-2.025	0	0	-2.025	gbl
1100	0	0	-2.025	0	0	-2.025	gbl
1105	0	0	-2.25	0	0	-2.25	gbl
1112	0	0	-5.23127	0	0	-5.23121	gbl
1113	0	0	-5.24996	0	0	-5.23121	gbl

Condizione di carico: "Accidentale di piano" Tipo: "Cat. C: Affollamento"

Tipo	xi	yi	zi	xj	yj	zj	ref
115	0	0	-11.9996	0	0	-12.0371	gbl
134	0	0	-12.1125	0	0	-11.8524	gbl
136	0	0	-12.1125	0	0	-11.8524	gbl
143	0	0	-10.4625	0	0	-10.4625	gbl
144	0	0	-10.4625	0	0	-10.4625	gbl
147	0	0	-5.96254	0	0	-5.96254	gbl
150	0	0	-7.6125	0	0	-7.35239	gbl
166	0	0	-4.05	0	0	-4.05	gbl
167	0	0	-4.05	0	0	-4.05	gbl
168	0	0	-4.05	0	0	-4.05	gbl
169	0	0	-4.05	0	0	-4.05	gbl
178	0	0	-5.7	0	0	-5.7	gbl
179	0	0	-5.7	0	0	-5.7	gbl
180	0	0	-5.7	0	0	-5.7	gbl
181	0	0	-5.7	0	0	-5.7	gbl
182	0	0	-9.75	0	0	-9.75	gbl
183	0	0	-9.75	0	0	-9.75	gbl
184	0	0	-9.75	0	0	-9.75	gbl
185	0	0	-9.75	0	0	-9.75	gbl
209	0	0	-7.65	0	0	-7.35239	gbl
210	0	0	-7.65	0	0	-7.35239	gbl
211	0	0	-7.64992	0	0	-7.35231	gbl
212	0	0	-7.65	0	0	-7.35239	gbl
214	0	0	-7.65	0	0	-7.35239	gbl
215	0	0	-7.65	0	0	-7.35239	gbl
256	0	0	-6.0001	0	0	-5.96265	gbl
257	0	0	-5.99991	0	0	-5.96258	gbl
258	0	0	-5.99991	0	0	-5.96258	gbl
259	0	0	-10.4999	0	0	-10.4626	gbl
260	0	0	-10.4999	0	0	-10.4626	gbl
261	0	0	-10.4999	0	0	-10.4626	gbl
262	0	0	-4.5	0	0	-4.5	gbl
263	0	0	-4.5	0	0	-4.5	gbl
264	0	0	-4.5	0	0	-4.5	gbl
265	0	0	-4.5	0	0	-4.5	gbl
293	0	0	-4.50002	0	0	-4.4626	gbl
294	0	0	-11.8521	0	0	-11.4761	gbl
295	0	0	-12.15	0	0	-11.8524	gbl

296 0 0 -12.15 0 0 -11.8524 gbl
 297 0 0 -12.15 0 0 -11.8524 gbl
 298 0 0 -12.15 0 0 -11.8524 gbl
 299 0 0 -12.15 0 0 -11.8524 gbl
 300 0 0 -12.15 0 0 -11.8524 gbl
 301 0 0 -12.15 0 0 -11.8524 gbl

Condizione di carico: "Permanente" Tipo: "Permanente"

Tipo	xi	yi	zi	xj	yj	zj	ref
115	0	0	-23.9992	0	0	-24.0741	gbl
134	0	0	-20.995	0	0	-20.5441	gbl
136	0	0	-20.995	0	0	-20.5441	gbl
143	0	0	-18.1351	0	0	-18.1351	gbl
144	0	0	-18.1351	0	0	-18.1351	gbl
147	0	0	-10.3351	0	0	-10.3351	gbl
150	0	0	-13.195	0	0	-12.7441	gbl
166	0	0	-7.02	0	0	-7.02	gbl
167	0	0	-7.02	0	0	-7.02	gbl
168	0	0	-7.02	0	0	-7.02	gbl
169	0	0	-7.02	0	0	-7.02	gbl
178	0	0	-9.88	0	0	-9.88	gbl
179	0	0	-9.88	0	0	-9.88	gbl
180	0	0	-9.88	0	0	-9.88	gbl
181	0	0	-9.88	0	0	-9.88	gbl
182	0	0	-16.9	0	0	-16.9	gbl
183	0	0	-16.9	0	0	-16.9	gbl
184	0	0	-16.9	0	0	-16.9	gbl
185	0	0	-16.9	0	0	-16.9	gbl
209	0	0	-13.26	0	0	-12.7441	gbl
210	0	0	-13.26	0	0	-12.7441	gbl
211	0	0	-13.2599	0	0	-12.744	gbl
212	0	0	-13.26	0	0	-12.7441	gbl
214	0	0	-13.26	0	0	-12.7441	gbl
215	0	0	-13.26	0	0	-12.7441	gbl
256	0	0	-10.4002	0	0	-10.3353	gbl
257	0	0	-10.3998	0	0	-10.3351	gbl
258	0	0	-10.3998	0	0	-10.3351	gbl
259	0	0	-18.1998	0	0	-18.1351	gbl
260	0	0	-18.1998	0	0	-18.1351	gbl
261	0	0	-18.1998	0	0	-18.1351	gbl
262	0	0	-7.8	0	0	-7.8	gbl
263	0	0	-7.8	0	0	-7.8	gbl
264	0	0	-7.8	0	0	-7.8	gbl
265	0	0	-7.8	0	0	-7.8	gbl
293	0	0	-7.80004	0	0	-7.73516	gbl
294	0	0	-20.5436	0	0	-19.892	gbl
295	0	0	-21.06	0	0	-20.5441	gbl
296	0	0	-21.06	0	0	-20.5441	gbl
297	0	0	-21.06	0	0	-20.5441	gbl
298	0	0	-21.06	0	0	-20.5441	gbl
299	0	0	-21.06	0	0	-20.5441	gbl
300	0	0	-21.06	0	0	-20.5441	gbl
301	0	0	-21.06	0	0	-20.5441	gbl
326	0	0	-13	0	0	-13	gbl
327	0	0	-13	0	0	-13	gbl
328	0	0	-13	0	0	-13	gbl
329	0	0	-13	0	0	-13	gbl
687	0	0	-13.95	0	0	-13.9501	gbl
688	0	0	-6	0	0	-6	gbl
693	0	0	-6	0	0	-6	gbl
910	0	0	-6.00003	0	0	-5.95013	gbl
911	0	0	-15.7999	0	0	-15.3015	gbl
912	0	0	-15.7999	0	0	-15.3015	gbl
913	0	0	-15.7999	0	0	-15.3015	gbl
914	0	0	-15.7999	0	0	-15.3015	gbl
915	0	0	-15.7999	0	0	-15.3015	gbl

916 0 0 -15.7999 0 0 -15.3015 gbl
917 0 0 -15.7999 0 0 -15.3015 gbl
918 0 0 -15.7999 0 0 -15.3015 gbl
919 0 0 -15.7999 0 0 -15.3015 gbl
920 0 0 -15.7999 0 0 -15.3015 gbl
921 0 0 -15.7999 0 0 -15.3015 gbl
922 0 0 -15.7999 0 0 -15.3015 gbl
923 0 0 -15.7999 0 0 -15.3015 gbl
924 0 0 -15.7999 0 0 -15.3015 gbl
926 0 0 -16.2 0 0 -15.8032 gbl
927 0 0 -16.2 0 0 -15.8032 gbl
928 0 0 -16.2 0 0 -15.8032 gbl
929 0 0 -16.2 0 0 -15.8032 gbl
930 0 0 -16.2 0 0 -15.8032 gbl
931 0 0 -16.2 0 0 -15.8032 gbl
932 0 0 -16.2 0 0 -15.8032 gbl
933 0 0 -16.2 0 0 -15.8032 gbl
934 0 0 -16.2 0 0 -15.8032 gbl
935 0 0 -16.2 0 0 -15.8032 gbl
936 0 0 -16.2 0 0 -15.8032 gbl
937 0 0 -16.2 0 0 -15.8032 gbl
938 0 0 -16.2 0 0 -15.8032 gbl
939 0 0 -16.2 0 0 -15.8032 gbl
940 0 0 -16.2 0 0 -15.8032 gbl
941 0 0 -16.2 0 0 -15.8032 gbl
942 0 0 -16.2 0 0 -15.8032 gbl
943 0 0 -16.2 0 0 -15.8032 gbl
944 0 0 -16.2 0 0 -15.8032 gbl
945 0 0 -16.2 0 0 -15.8032 gbl
946 0 0 -16.2 0 0 -15.8032 gbl
947 0 0 -16.2 0 0 -15.8032 gbl
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950 0 0 -16.2 0 0 -15.8032 gbl
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962 0 0 -16.2 0 0 -15.8032 gbl
963 0 0 -16.2 0 0 -15.8032 gbl
964 0 0 -16.2 0 0 -15.8032 gbl
965 0 0 -16.2 0 0 -15.8032 gbl
966 0 0 -16.2 0 0 -15.8032 gbl
967 0 0 -16.2 0 0 -15.8032 gbl
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969 0 0 -16.2 0 0 -15.8032 gbl
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971 0 0 -16.2 0 0 -15.8032 gbl
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973 0 0 -16.2 0 0 -15.8032 gbl
974 0 0 -16.2 0 0 -15.8032 gbl
975 0 0 -16.2 0 0 -15.8032 gbl
976 0 0 -16.2 0 0 -15.8032 gbl
977 0 0 -16.2 0 0 -15.8032 gbl
978 0 0 -16.2 0 0 -15.8032 gbl
979 0 0 -16.2 0 0 -15.8032 gbl
980 0 0 -16.2 0 0 -15.8032 gbl
981 0 0 -16.2 0 0 -15.8032 gbl

982	0	0	-7.6	0	0	-7.6	gbl
984	0	0	-10.2	0	0	-9.80318	gbl
985	0	0	-10.2	0	0	-9.80318	gbl
986	0	0	-10.1999	0	0	-9.80308	gbl
991	0	0	-7.95005	0	0	-7.94988	gbl
992	0	0	-7.95005	0	0	-7.95011	gbl
998	0	0	-7.6	0	0	-7.6	gbl
1005	0	0	-6	0	0	-5.95016	gbl
1006	0	0	-6	0	0	-5.95016	gbl
1011	0	0	-13.95	0	0	-13.9002	gbl
1012	0	0	-5.95003	0	0	-5.97977	gbl
1097	0	0	-5.4	0	0	-5.4	gbl
1098	0	0	-5.4	0	0	-5.4	gbl
1099	0	0	-5.4	0	0	-5.4	gbl
1100	0	0	-5.4	0	0	-5.4	gbl
1105	0	0	-6	0	0	-6	gbl
1112	0	0	-13.95	0	0	-13.9499	gbl
1113	0	0	-13.9999	0	0	-13.9499	gbl

PESI PROPRI TIPO (Fase 1)

Condizione di carico: "Peso Proprio" Tipo: "Permanente"

Tipo	gm	gx	gy	gz
1	0.0025	0	0	-1
108	0.0025	0	0	-1
114	0.0025	0	0	-1
115	0.0025	0	0	-1
116	0.0025	0	0	-1
134	0.0025	0	0	-1
135	0.0025	0	0	-1
136	0.0025	0	0	-1
143	0.0025	0	0	-1
144	0.0025	0	0	-1
147	0.0025	0	0	-1
148	0.0025	0	0	-1
150	0.0025	0	0	-1
151	0.0025	0	0	-1
166	0.0025	0	0	-1
167	0.0025	0	0	-1
168	0.0025	0	0	-1
169	0.0025	0	0	-1
178	0.0025	0	0	-1
179	0.0025	0	0	-1
180	0.0025	0	0	-1
181	0.0025	0	0	-1
182	0.0025	0	0	-1
183	0.0025	0	0	-1
184	0.0025	0	0	-1
185	0.0025	0	0	-1
209	0.0025	0	0	-1
210	0.0025	0	0	-1
211	0.0025	0	0	-1
212	0.0025	0	0	-1
213	0.0025	0	0	-1
214	0.0025	0	0	-1
215	0.0025	0	0	-1
256	0.0025	0	0	-1
257	0.0025	0	0	-1
258	0.0025	0	0	-1
259	0.0025	0	0	-1
260	0.0025	0	0	-1
261	0.0025	0	0	-1
262	0.0025	0	0	-1
263	0.0025	0	0	-1
264	0.0025	0	0	-1

265 0.0025 0 0 -1
283 0.0025 0 0 -1
293 0.0025 0 0 -1
294 0.0025 0 0 -1
295 0.0025 0 0 -1
296 0.0025 0 0 -1
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326 0.0025 0 0 -1
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329 0.0025 0 0 -1
687 0.0025 0 0 -1
688 0.0025 0 0 -1
693 0.0025 0 0 -1
910 0.0025 0 0 -1
911 0.0025 0 0 -1
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915 0.0025 0 0 -1
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978 0.0025 0 0 -1
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980 0.0025 0 0 -1
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991 0.0025 0 0 -1
992 0.0025 0 0 -1
993 0.0025 0 0 -1
994 0.0025 0 0 -1
998 0.0025 0 0 -1
1005 0.0025 0 0 -1
1006 0.0025 0 0 -1
1010 0.0025 0 0 -1
1011 0.0025 0 0 -1
1012 0.0025 0 0 -1
1086 0.0025 0 0 -1
1087 0.0025 0 0 -1
1089 0.0025 0 0 -1
1092 0.0025 0 0 -1
1093 0.0025 0 0 -1
1097 0.0025 0 0 -1
1098 0.0025 0 0 -1
1099 0.0025 0 0 -1
1100 0.0025 0 0 -1
1101 0.0025 0 0 -1
1102 0.0025 0 0 -1
1103 0.0025 0 0 -1
1104 0.0025 0 0 -1
1105 0.0025 0 0 -1
1108 0.0025 0 0 -1
1109 0.0025 0 0 -1
1111 0.0025 0 0 -1
1112 0.0025 0 0 -1
1113 0.0025 0 0 -1

CARICHI A TRATTI TIPO (Fase 1)**Condizione di carico: "Neve" Tipo: "Neve (q<1000)"**

Tipo	Lunghezza	Intens. sx	Intens. dx	vx	vy	vz	Rof.
1010	0.995434	2.38501	2.38501	0	0	-1	glob.
	0.00456621	2.38501	2.38501				

Condizione di carico: "Accidentale sottotetto" Tipo: "Cat. A: Residenziale"

Tipo	Lunghezza	Intens. sx	Intens. dx	vx	vy	vz	Rof.
925	0.09375	2.24998	2.24823	0	0	-1	glob.
	0.90625	5.92323	5.73807				
987	0.990909	3.82307	3.67433	0	0	-1	glob.
	0.00909091	3.67433	3.67297				
988	0.996865	3.67354	3.50538	0	0	-1	glob.
	0.0031348	3.50538	3.50486				
990	1	3.00005	2.98124	0	0	-1	glob.
	2.22045e-016	2.98124	2.98124				

Condizione di carico: "Accidentale di piano" Tipo: "Cat. C: Affollamento"

Tipo	Lunghezza	Intens. sx	Intens. dx	vx	vy	vz	Rof.
108	0.0293077	0	0	0	0	-1	glob.
	0.954034	11.9653	11.9994				
	0.016658	0	0				
114	0.991667	12	12.0375	0	0	-1	glob.
	0.00833333	12.0375	12.0378				
116	1	11.9652	11.9992	0	0	-1	glob.
	2.22045e-016	23.9991	23.9991				
151	0.990909	7.60865	7.34867	0	0	-1	glob.
	0.00909091	7.34867	7.34628				
213	0.990909	7.64613	7.34867	0	0	-1	glob.
	0.00909091	7.34867	7.34594				
283	0.996865	7.34708	7.01077	0	0	-1	glob.
	0.0031348	7.01077	7.00971				

Condizione di carico: "Permanente" Tipo: "Permanente"

Tipo	Lunghezza	Intens. sx	Intens. dx	vx	vy	vz	Rof.
108	0.0293077	0	0	0	0	-1	glob.
	0.954034	23.9306	23.9988				
	0.016658	0	0				
114	0.991667	24	24.075	0	0	-1	glob.
	0.00833333	24.075	24.0756				
116	1	23.9304	23.9985	0	0	-1	glob.
	2.22045e-016	47.9981	47.9981				
151	0.990909	13.1883	12.7377	0	0	-1	glob.
	0.00909091	12.7377	12.7336				
213	0.990909	13.2533	12.7377	0	0	-1	glob.
	0.00909091	12.7377	12.733				
283	0.996865	12.7349	12.152	0	0	-1	glob.
	0.0031348	12.152	12.1502				
925	0.09375	5.99994	5.99527	0	0	-1	glob.
	0.90625	15.7953	15.3015				
987	0.990909	10.1948	9.79822	0	0	-1	glob.
	0.00909091	9.79822	9.79458				
988	0.996865	9.7961	9.34769	0	0	-1	glob.
	0.0031348	9.34769	9.34628				
990	1	8.00013	7.94997	0	0	-1	glob.
	2.22045e-016	7.94997	7.94997				
1010	0.995434	7.95005	7.95005	0	0	-1	glob.
	0.00456621	7.95005	7.95005				

FORZE TIPO (Fase 1)**Condizione di carico: "Torcente di piano SLV" Tipo: "Torcente SLV"**

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	0	0	0	0	0	4.82132e+006
2	0	0	0	0	0	5.46304e+007
3	0	0	0	0	0	5.40847e+007

Condizione di carico: "Torcente di piano SLD" Tipo: "Torcente SLD"

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	0	0	0	0	0	2.17951e+006
2	0	0	0	0	0	2.4696e+007
3	0	0	0	0	0	2.44494e+007
4	0	0	0	0	0	2.47153e+006
5	0	0	0	0	0	2.80049e+007
6	0	0	0	0	0	2.77252e+007

Condizione di carico: "Torcente di piano SLO" Tipo: "Torcente SLO"

Tipo	Fx	Fy	Fz	Mx	My	Mz
1	0	0	0	0	0	1.6901e+006
2	0	0	0	0	0	1.91505e+007
3	0	0	0	0	0	1.89593e+007
4	0	0	0	0	0	1.9555e+006
5	0	0	0	0	0	2.21578e+007
6	0	0	0	0	0	2.19365e+007
7	0	0	0	0	0	1.9555e+006
8	0	0	0	0	0	2.21578e+007
9	0	0	0	0	0	2.19365e+007

MASSE TIPO (Fase 1)

Tipo	dn	md	dp
1	2.54842e-006	0.0370632	0.05
2	2.54842e-006	0.0370514	0.05
3	2.54842e-006	0.0317571	0.05
4	2.54842e-006	0.0318529	0.05
5	2.54842e-006	0.0302977	0.05
6	2.54842e-006	0.0318544	0.05
7	2.54842e-006	0.0277396	0.05
8	2.54842e-006	0.0248854	0.05
9	2.54842e-006	0.0285005	0.05
10	2.54842e-006	0.0362922	0.05
11	2.54842e-006	0.0362923	0.05
12	2.54842e-006	0.0362801	0.05
13	2.54842e-006	0.0355246	0.05
14	2.54842e-006	0.0285451	0.05
15	2.54842e-006	0.0277434	0.05
16	2.54842e-006	0.0107034	0.05
17	2.54842e-006	0.024261	0.05
18	2.54842e-006	0.0249299	0.05
19	2.54842e-006	0.0242165	0.05
20	2.54842e-006	0.0277844	0.05
21	2.54842e-006	0.0277841	0.05
22	2.54842e-006	0.0271152	0.05
23	2.54842e-006	0.0135576	0.05
24	2.54842e-006	0.0231906	0.05
25	2.54842e-006	0.0205165	0.05
26	2.54842e-006	0.0205166	0.05
27	2.54842e-006	0.0205088	0.05
28	2.54842e-006	0.0200285	0.05
29	2.54842e-006	0.00680428	0.05
30	2.54842e-006	0.0147554	0.05
31	2.54842e-006	0.0307309	0.05
32	2.54842e-006	0.0307027	0.05
33	2.54842e-006	0.01582	0.05
34	2.54842e-006	0.00677602	0.05
35	2.54842e-006	0.0141409	0.05
36	2.54842e-006	0.0141125	0.05
37	2.54842e-006	0.0141126	0.05
38	2.54842e-006	0.0136672	0.05
39	2.54842e-006	0.00917431	0.05
40	2.54842e-006	0.0177931	0.05
41	2.54842e-006	0.00509684	0.05

42 2.54842e-006 0.0147426 0.05
 43 2.54842e-006 0.0173293 0.05
 44 2.54842e-006 0.0181466 0.05
 45 2.54842e-006 0.0166172 0.05
 46 2.54842e-006 0.0176353 0.05
 47 2.54842e-006 0.0110092 0.05
 48 2.54842e-006 0.0101937 0.05
 49 2.54842e-006 0.00810402 0.05
 50 2.54842e-006 0.0060908 0.05
 51 2.54842e-006 0.00608043 0.05
 52 2.54842e-006 0.0141948 0.05
 53 2.54842e-006 0.00316004 0.05
 54 2.54842e-006 0.0126402 0.05
 55 2.54842e-006 0.00713558 0.05
 56 2.54842e-006 0.00550459 0.05
 57 2.54842e-006 0.0100917 0.05
 58 2.54842e-006 0.00163099 0.05
 59 2.54842e-006 0.0146789 0.05
 60 2.54842e-006 0.009684 0.05
 61 2.54842e-006 0 0.05
 62 2.54842e-006 0.00672783 0.05

Dati di sintesi per piani

Spostamenti dinamici di piano

Piano	Quota	SLVx(tx)	SLVx(ty)	SPVx(rz)	SLVy(tx)	SLVy(ty)	SPVy(rz)	SLDx(tx)	SLDx(ty)	SPDx(rz)	SLDy(tx)	SLDy(ty)	SPDy(rz)
1	380	2.27368	0.251775	0.000270027	0.596715	1.89854	0.00202283	0.513084	0.0583866	6.25897e-005	0.135377	0.430814	0.00045903
2	730	5.16123	0.979366	0.000540209	1.07303	3.85962	0.00253466	1.1594	0.220617	0.000121763	0.241654	0.87239	0.000572836
3	1090	8.93881	2.0654	0.000882345	1.81695	7.13801	0.00430432	2.00629	0.464372	0.000198916	0.40854	1.61196	0.00097226

Gli spostamenti per SLV sono amplificati come da DM08 §7.3.3.3.

Piano	Quota	SLOx(tx)	SLOx(ty)	SPOx(rz)	SLOy(tx)	SLOy(ty)	SPOy(rz)	SLCx(tx)	SLCx(ty)	SPCy(rz)	SLCx(ty)	SLCx(ty)	SPCy(rz)
1	380	0.398477	0.0456722	4.8954e-005	0.105213	0.334533	0.000356447	0	0	0	0	0	0
2	730	0.899089	0.171187	9.44842e-005	0.187489	0.676839	0.000444408	0	0	0	0	0	0
3	1090	1.5554	0.360137	0.000154357	0.316862	1.25048	0.000754204	0	0	0	0	0	0

Risultanti sismiche di piano

Piano	Quota	SLU	Fx	Fy	Mz	gx	gy
1	380	SLDx	-49436.5	-22447	8.0393e+007	2909.2	623.981
2	730		-307072	40795.7	4.34282e+008	1592.3	881.026
3	1090		-201157	-25250.9	3.87751e+008	1592.3	881.026
1	380	SLDy	-5142.05	-154867	-1.59214e+007	2909.2	623.981
2	730		4376.69	-251873	-7.63074e+007	1592.3	881.026
3	1090		-16809.6	-161001	2.63545e+007	1592.3	881.026
1	380	SLVx	-108907	-48787.7	1.77873e+008	2909.2	623.981
2	730		-683124	91001.3	9.66445e+008	1592.3	881.026
3	1090		-446894	-56366.9	8.60685e+008	1592.3	881.026
1	380	SLVy	-11284.3	-341387	-3.45629e+007	2909.2	623.981
2	730		9615.13	-557543	-1.67454e+008	1592.3	881.026
3	1090		-36844.3	-359003	5.5141e+007	1592.3	881.026
1	380	SLOx	-38463.3	-17522.1	6.24683e+007	2909.2	623.981
2	730		-238169	31626.8	3.36824e+008	1592.3	881.026
3	1090		-156094	-19567.4	3.00959e+008	1592.3	881.026
1	380	SLOy	-3996.19	-120242	-1.24297e+007	2909.2	623.981
2	730		3414.16	-195488	-5.91484e+007	1592.3	881.026
3	1090		-5783.22	-124942	1.64601e+007	1592.3	881.026

7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	-6.53e-002	1.78e-003	-1.61e-003	-6.68e-005	-1.14e-004	1.41e-004
42	-6.53e-002	8.77e-002	-4.82e-004	-4.46e-004	-1.12e-005	1.41e-004
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	-9.28e-003	1.78e-003	-6.51e-005	-5.15e-005	-1.11e-005	1.41e-004
47	3.30e-002	1.78e-003	8.65e-005	-4.63e-005	8.53e-005	1.41e-004
48	0.10	1.78e-003	1.76e-003	-5.97e-005	2.10e-004	1.41e-004
49	-9.28e-003	8.77e-002	-4.63e-005	-4.84e-004	8.03e-006	1.41e-004
50	3.30e-002	8.77e-002	2.12e-004	-4.84e-004	1.68e-005	1.41e-004
51	0.10	8.77e-002	7.02e-004	-4.73e-004	2.86e-005	1.41e-004
52	-6.53e-002	0.16	-5.65e-003	-3.19e-004	-5.33e-005	1.41e-004
53	-9.28e-003	0.16	-1.74e-003	-2.37e-004	3.56e-006	1.41e-004
54	3.30e-002	0.16	9.06e-004	-2.21e-004	5.98e-005	1.41e-004
55	0.10	0.17	3.93e-003	-6.30e-004	1.07e-004	1.41e-004
56	0.10	0.28	5.14e-003	-4.72e-004	1.91e-004	1.41e-004
57	3.30e-002	0.28	3.61e-003	-3.38e-004	1.10e-004	1.41e-004
58	-8.93e-003	0.28	-1.06e-002	-3.91e-004	1.74e-005	1.41e-004
59	-0.30	-0.25	-8.96e-004	3.92e-004	-4.87e-004	1.98e-004
60	-0.30	-0.17	-4.85e-004	2.26e-004	-2.12e-004	1.98e-004
61	-0.30	-0.12	6.86e-003	2.12e-004	-4.25e-004	1.98e-004
62	-0.22	-0.25	-2.88e-004	2.15e-004	-6.40e-004	1.98e-004
63	-0.22	-0.17	-3.98e-004	8.96e-005	-5.57e-004	1.98e-004
64	-0.22	-0.12	1.82e-004	1.08e-004	-6.22e-004	1.98e-004
65	-0.14	-0.25	-1.85e-003	2.38e-004	-2.81e-004	1.98e-004
66	-0.14	-0.17	-1.37e-003	1.19e-004	-1.50e-004	1.98e-004
67	-0.14	-0.12	2.48e-003	1.19e-004	-2.49e-004	1.98e-004
68	-5.29e-002	-0.25	1.11e-003	2.18e-004	-1.77e-004	1.98e-004
69	-5.29e-002	-0.17	1.33e-003	8.57e-005	-1.54e-004	1.98e-004
70	-5.29e-002	-0.12	9.21e-004	1.10e-004	-1.73e-004	1.98e-004
71	6.63e-003	-0.25	-2.49e-004	1.85e-004	-2.32e-006	1.98e-004

72	6.63e-003	-0.17	-2.24e-003	1.75e-004	-8.43e-006	1.98e-004
73	6.63e-003	-0.12	2.95e-004	9.68e-005	-1.11e-005	1.98e-004
74	6.61e-002	-0.25	-5.83e-004	2.25e-004	4.83e-005	1.98e-004
75	6.61e-002	-0.17	-4.10e-004	4.12e-004	1.61e-005	1.98e-004
76	6.61e-002	-0.12	-1.06e-003	1.19e-004	2.30e-005	1.98e-004
77	0.17	-0.25	3.42e-004	4.44e-004	1.34e-004	1.98e-004
78	0.17	-0.17	-9.37e-005	4.65e-004	4.72e-005	1.98e-004
79	0.17	-0.12	-2.25e-003	2.13e-004	6.85e-005	1.98e-004
80	6.63e-003	-5.30e-003	9.23e-005	1.94e-005	1.51e-007	1.98e-004
81	6.61e-002	-5.30e-003	-1.60e-004	2.02e-005	3.28e-005	1.98e-004
82	0.17	-5.30e-003	-1.77e-004	3.66e-005	9.01e-005	1.98e-004
83	-7.27e-002	0.12	-2.15e-003	-2.02e-004	-9.42e-005	1.98e-004
84	-7.22e-002	0.23	-1.12e-003	-6.23e-004	-2.59e-006	1.98e-004
85	-7.22e-002	0.35	-1.12e-003	-7.26e-004	-1.63e-005	1.98e-004
86	6.63e-003	0.12	8.87e-004	-1.81e-004	-6.96e-006	1.98e-004
87	6.61e-002	0.12	-4.69e-004	-1.78e-004	3.50e-005	1.98e-004
88	0.17	0.12	1.10e-003	-1.76e-004	9.91e-005	1.98e-004
89	6.63e-003	0.23	-2.22e-007	-6.84e-004	8.74e-006	1.98e-004
90	6.61e-002	0.23	3.64e-006	-6.84e-004	1.51e-005	1.98e-004
91	0.17	0.23	1.26e-003	-6.21e-004	2.96e-005	1.98e-004
92	6.63e-003	0.35	-1.19e-004	-7.44e-004	4.57e-006	1.98e-004
93	6.61e-002	0.35	4.20e-004	-7.33e-004	2.49e-005	1.98e-004
94	0.17	0.35	1.57e-003	-7.48e-004	2.91e-005	1.98e-004
95	-7.22e-002	0.46	-9.61e-003	-4.99e-004	-2.28e-005	1.98e-004
96	6.63e-003	0.46	-2.77e-003	-3.94e-004	1.23e-005	1.98e-004
97	6.61e-002	0.46	1.39e-003	-3.23e-004	1.98e-005	1.98e-004
98	0.16	0.46	6.22e-003	-7.85e-004	6.69e-005	1.98e-004
99	0.16	0.62	8.16e-003	-6.34e-004	6.59e-005	1.98e-004
100	6.61e-002	0.62	5.53e-003	-4.00e-004	3.51e-005	1.98e-004
101	7.12e-003	0.62	-1.68e-002	-5.35e-004	1.34e-005	1.98e-004
102	-9.55e-003	3.34e-004	-4.58e-004	-8.91e-007	-1.64e-004	8.73e-006
103	-2.83e-002	6.45e-004	-7.38e-004	-5.73e-006	-2.16e-004	5.89e-005
104	-4.89e-002	7.66e-004	-1.02e-003	2.57e-006	-2.06e-004	1.13e-004
105	-1.62e-003	4.51e-004	-8.14e-005	-2.65e-006	-2.57e-005	2.69e-005
106	-4.39e-003	8.22e-004	-1.15e-004	-5.12e-006	-3.06e-005	6.14e-005
107	-7.21e-003	1.06e-003	-1.17e-004	1.01e-006	-2.73e-005	1.01e-004
108	4.63e-003	4.88e-004	9.97e-005	-2.97e-006	7.74e-005	2.87e-005
109	1.34e-002	8.73e-004	1.49e-004	-5.25e-006	1.02e-004	6.43e-005
110	2.35e-002	1.07e-003	1.60e-004	1.60e-006	1.07e-004	1.02e-004
111	1.45e-002	3.85e-004	4.81e-004	-8.20e-007	2.57e-004	-1.55e-006
112	4.39e-002	6.97e-004	7.84e-004	-6.05e-006	3.44e-004	5.17e-005
113	7.70e-002	7.53e-004	1.10e-003	3.09e-006	3.37e-004	1.13e-004
114	-2.33e-002	1.78e-003	-3.87e-004	3.43e-006	-6.36e-005	1.41e-004
115	-3.73e-002	1.78e-003	-4.35e-004	-1.16e-005	-1.05e-004	1.41e-004
116	-5.13e-002	1.78e-003	-5.51e-004	1.91e-006	-1.36e-004	1.41e-004
117	2.24e-002	1.78e-003	-6.84e-005	3.52e-006	6.78e-005	1.41e-004
118	1.19e-002	1.78e-003	2.45e-005	-1.14e-005	4.01e-005	1.41e-004
119	1.29e-003	1.78e-003	1.42e-004	4.47e-006	1.15e-005	1.41e-004
120	8.66e-002	1.78e-003	6.21e-004	-1.40e-007	2.50e-004	1.41e-004
121	6.87e-002	1.78e-003	4.58e-004	-8.12e-006	2.08e-004	1.41e-004
122	5.09e-002	1.78e-003	3.69e-004	1.08e-006	1.54e-004	1.41e-004
123	-2.42e-003	4.37e-004	5.04e-004	-2.65e-007	1.68e-004	1.46e-005
124	1.47e-002	4.34e-004	4.65e-004	2.73e-007	2.08e-004	5.38e-006
125	3.72e-002	7.32e-004	5.95e-004	-3.61e-006	2.59e-004	5.41e-005
126	6.25e-002	1.00e-003	4.66e-004	3.58e-006	2.63e-004	1.12e-004
127	-2.79e-003	4.39e-004	4.85e-004	8.18e-008	1.59e-004	-3.29e-006
128	1.25e-002	5.59e-004	4.88e-004	-1.15e-006	1.71e-004	2.32e-005
129	2.99e-002	8.36e-004	4.73e-004	-2.40e-006	1.94e-004	6.10e-005
130	4.91e-002	1.27e-003	4.59e-004	-5.93e-006	2.06e-004	1.03e-004
131	-1.73e-003	3.27e-004	3.57e-004	-2.26e-006	1.07e-004	-1.27e-005
132	8.96e-003	5.25e-004	3.43e-004	-2.66e-006	1.23e-004	3.24e-005
133	2.18e-002	8.93e-004	3.41e-004	-3.37e-006	1.46e-004	6.66e-005
134	3.62e-002	1.15e-003	5.21e-004	4.25e-006	1.55e-004	1.01e-004
135	-4.46e-004	2.63e-004	7.79e-006	-8.67e-007	2.51e-005	1.31e-006
136	2.90e-003	4.53e-004	1.37e-005	-2.31e-006	5.18e-005	1.65e-005

137	8.79e-003	8.43e-004	7.48e-005	-2.85e-006	7.04e-005	5.86e-005
138	1.57e-002	1.05e-003	-1.50e-005	4.68e-006	7.43e-005	1.04e-004
139	-3.81e-004	3.34e-004	8.06e-006	1.25e-006	1.72e-005	-5.18e-006
140	1.57e-003	4.70e-004	1.15e-005	-1.58e-006	2.52e-005	1.72e-005
141	4.46e-003	8.33e-004	1.69e-005	-2.31e-006	3.50e-005	5.70e-005
142	8.04e-003	1.22e-003	2.26e-005	-5.62e-006	3.97e-005	1.02e-004
143	-5.73e-005	2.52e-004	4.69e-006	-1.01e-006	3.73e-006	-4.41e-006
144	1.48e-004	4.38e-004	3.93e-006	-2.22e-006	-8.41e-007	1.93e-005
145	1.20e-004	8.21e-004	-4.00e-005	-3.08e-006	7.31e-007	5.83e-005
146	4.06e-004	1.02e-003	7.48e-005	5.28e-006	5.44e-006	1.02e-004
147	5.97e-004	1.95e-004	-2.88e-004	-3.11e-006	-4.91e-005	-7.37e-006
148	-4.40e-003	4.32e-004	-2.84e-004	-2.81e-006	-5.87e-005	2.73e-005
149	-1.05e-002	7.95e-004	-2.76e-004	-3.63e-006	-6.86e-005	6.12e-005
150	-1.71e-002	1.05e-003	-4.30e-004	4.23e-006	-6.83e-005	9.88e-005
151	1.19e-003	2.99e-004	-4.23e-004	3.78e-008	-8.01e-005	-4.35e-006
152	-6.85e-003	4.29e-004	-4.33e-004	-1.51e-006	-9.29e-005	2.12e-005
153	-1.65e-002	7.30e-004	-4.29e-004	-2.47e-006	-1.09e-004	5.97e-005
154	-2.71e-002	1.19e-003	-4.31e-004	-6.73e-006	-1.10e-004	1.03e-004
155	1.07e-003	3.13e-004	-4.29e-004	5.72e-007	-8.76e-005	6.57e-006
156	-8.55e-003	3.42e-004	-4.21e-004	-3.35e-007	-1.27e-004	9.47e-006
157	-2.24e-002	6.62e-004	-5.81e-004	-3.82e-006	-1.60e-004	5.84e-005
158	-3.77e-002	8.79e-004	-5.06e-004	3.78e-006	-1.56e-004	1.13e-004
159	-0.49	-0.40	-1.01e-003	1.16e-004	-1.71e-004	3.14e-004
160	-0.49	-0.28	-1.04e-003	9.46e-005	-1.25e-004	3.14e-004
161	-0.49	-0.20	8.93e-003	6.06e-005	-1.85e-004	3.14e-004
162	-0.36	-0.40	-3.69e-004	8.04e-005	-1.67e-004	3.14e-004
163	-0.36	-0.28	-4.51e-004	7.75e-005	-2.14e-004	3.14e-004
164	-0.36	-0.20	3.70e-004	1.89e-005	-2.06e-004	3.14e-004
165	-0.24	-0.40	-2.35e-003	8.08e-005	-6.81e-005	3.14e-004
166	-0.24	-0.28	-1.88e-003	7.03e-005	-4.53e-005	3.14e-004
167	-0.24	-0.20	3.26e-003	1.95e-005	-7.28e-005	3.14e-004
168	-0.10	-0.40	1.34e-003	7.53e-005	-6.01e-005	3.14e-004
169	-0.10	-0.28	1.46e-003	7.19e-005	-7.73e-005	3.14e-004
170	-0.10	-0.20	1.34e-003	1.90e-005	-7.21e-005	3.14e-004
171	-6.56e-003	-0.40	-3.80e-004	7.13e-005	-3.87e-006	3.14e-004
172	-6.56e-003	-0.28	-2.41e-003	8.30e-005	-8.13e-006	3.14e-004
173	-6.56e-003	-0.20	6.15e-004	2.89e-005	-1.13e-005	3.14e-004
174	8.76e-002	-0.40	-8.64e-004	7.66e-005	7.68e-006	3.14e-004
175	8.76e-002	-0.28	-8.09e-004	9.87e-005	9.00e-006	3.14e-004
176	8.76e-002	-0.20	-1.52e-003	4.86e-005	1.12e-005	3.14e-004
177	0.25	-0.40	3.55e-004	1.20e-004	3.71e-005	3.14e-004
178	0.25	-0.28	-2.35e-004	1.26e-004	2.10e-005	3.14e-004
179	0.25	-0.20	-2.61e-003	8.48e-005	2.41e-005	3.14e-004
180	-6.56e-003	-2.22e-002	1.48e-004	3.62e-005	-3.89e-006	3.14e-004
181	8.76e-002	-2.22e-002	-2.90e-004	5.04e-005	9.02e-006	3.14e-004
182	0.25	-2.22e-002	-2.80e-004	3.15e-005	2.53e-005	3.14e-004
183	-0.13	0.18	-2.65e-003	-5.14e-005	-3.01e-005	3.14e-004
184	-0.13	0.35	-1.02e-003	-1.62e-004	-2.11e-005	3.14e-004
185	-0.13	0.54	-1.50e-003	-2.64e-004	-9.97e-006	3.14e-004
186	-6.56e-003	0.18	6.92e-004	-3.06e-005	-4.39e-006	3.14e-004
187	8.76e-002	0.18	-1.23e-004	-1.95e-005	1.02e-005	3.14e-004
188	0.25	0.18	1.31e-003	-5.61e-005	2.47e-005	3.14e-004
189	-6.56e-003	0.35	2.53e-005	-1.54e-004	-5.20e-006	3.14e-004
190	8.76e-002	0.35	-1.62e-005	-1.54e-004	1.17e-005	3.14e-004
191	0.25	0.35	1.17e-003	-1.72e-004	3.14e-005	3.14e-004
192	-6.56e-003	0.54	-1.97e-004	-2.59e-004	-2.37e-006	3.14e-004
193	8.76e-002	0.54	6.16e-004	-2.74e-004	9.23e-006	3.14e-004
194	0.25	0.54	1.91e-003	-3.05e-004	1.46e-005	3.14e-004
195	-0.13	0.71	-1.11e-002	-1.78e-004	-2.22e-005	3.14e-004
196	-6.56e-003	0.71	-3.98e-003	-1.31e-004	3.18e-006	3.14e-004
197	8.76e-002	0.71	2.42e-003	-1.63e-004	9.39e-006	3.14e-004
198	0.24	0.72	7.09e-003	-3.40e-004	4.17e-005	3.14e-004
199	0.23	0.97	9.14e-003	-4.02e-004	4.61e-005	3.14e-004
200	8.76e-002	0.97	6.09e-003	-3.18e-004	1.09e-005	3.14e-004
201	-5.77e-003	0.97	-1.86e-002	-4.07e-004	-7.32e-007	3.14e-004

202	8.76e-002	-0.27	-1.17e-003	5.47e-005	5.25e-006	3.14e-004
203	8.76e-002	-0.25	-1.38e-003	3.76e-005	3.62e-006	3.14e-004
204	8.76e-002	-0.23	-1.50e-003	2.97e-005	2.85e-006	3.14e-004
205	8.76e-002	-0.21	-1.53e-003	2.94e-005	4.68e-007	3.14e-004
206	8.76e-002	-0.16	-1.49e-003	2.27e-005	-6.62e-007	3.14e-004
207	8.76e-002	-0.13	-1.23e-003	2.77e-005	-2.32e-006	3.14e-004
208	8.76e-002	-9.25e-002	-8.87e-004	3.55e-005	-2.72e-006	3.14e-004
209	8.76e-002	-5.73e-002	-5.42e-004	4.35e-005	-1.86e-006	3.14e-004
210	8.76e-002	1.80e-002	-1.91e-004	4.07e-005	-3.58e-007	3.14e-004
211	8.76e-002	5.82e-002	-9.88e-005	2.94e-005	-5.19e-007	3.14e-004
212	8.76e-002	0.10	-4.03e-005	1.79e-005	-1.78e-007	3.14e-004
213	8.76e-002	0.14	-3.57e-005	5.60e-006	6.46e-007	3.14e-004
214	8.76e-002	0.21	-1.30e-004	-2.67e-005	5.57e-007	3.14e-004
215	8.76e-002	0.25	-9.70e-005	-5.86e-005	-2.21e-007	3.14e-004
216	8.76e-002	0.28	-4.18e-005	-9.30e-005	-2.45e-007	3.14e-004
217	8.76e-002	0.32	-2.13e-006	-1.27e-004	5.24e-007	3.14e-004
218	8.76e-002	0.39	-2.87e-005	-1.66e-004	1.76e-007	3.14e-004
219	8.76e-002	0.43	6.78e-005	-1.81e-004	-9.51e-007	3.14e-004
220	8.76e-002	0.47	2.34e-004	-1.98e-004	-1.38e-006	3.14e-004
221	8.76e-002	0.50	4.34e-004	-2.18e-004	-1.11e-006	3.14e-004
222	8.76e-002	0.58	8.92e-004	-2.02e-004	-2.19e-006	3.14e-004
223	8.76e-002	0.61	1.26e-003	-1.63e-004	-3.39e-006	3.14e-004
224	8.76e-002	0.65	1.68e-003	-1.29e-004	-3.67e-006	3.14e-004
225	8.76e-002	0.68	2.11e-003	-1.05e-004	-3.03e-006	3.14e-004
226	8.76e-002	0.76	3.13e-003	-1.14e-004	-4.80e-006	3.14e-004
227	8.76e-002	0.81	3.96e-003	-1.55e-004	-5.22e-006	3.14e-004
228	8.76e-002	0.86	4.83e-003	-2.00e-004	-4.98e-006	3.14e-004
229	8.76e-002	0.91	5.59e-003	-2.47e-004	-4.08e-006	3.14e-004
230	8.75e-002	0.63	1.47e-003	-1.46e-004	-3.72e-006	3.03e-004
231	8.75e-002	0.65	1.68e-003	-1.29e-004	-3.71e-006	3.04e-004
232	8.75e-002	0.67	1.90e-003	-1.14e-004	-3.90e-006	3.05e-004
233	8.75e-002	0.68	2.11e-003	-1.01e-004	-3.12e-006	3.10e-004
234	8.75e-002	0.70	2.34e-003	-9.48e-005	-5.01e-006	3.20e-004
235	8.76e-002	0.72	2.47e-003	-9.39e-005	-2.82e-006	3.15e-004
236	8.75e-002	0.58	7.44e-004	-1.98e-004	-2.19e-006	2.91e-004
237	8.74e-002	0.59	8.94e-004	-1.92e-004	-2.69e-006	2.90e-004
238	8.74e-002	0.61	1.06e-003	-1.78e-004	-3.27e-006	2.91e-004
239	8.74e-002	0.62	1.26e-003	-1.62e-004	-3.49e-006	2.92e-004
240	8.74e-002	0.64	1.47e-003	-1.45e-004	-3.73e-006	2.92e-004
241	8.74e-002	0.65	1.68e-003	-1.28e-004	-3.77e-006	2.93e-004
242	8.74e-002	0.67	1.90e-003	-1.12e-004	-3.88e-006	2.95e-004
243	8.74e-002	0.69	2.11e-003	-9.37e-005	-3.51e-006	3.00e-004
244	8.74e-002	0.70	2.33e-003	-7.09e-005	-4.14e-006	3.10e-004
245	8.74e-002	0.72	2.51e-003	-5.23e-005	-3.42e-006	3.16e-004
246	8.74e-002	0.58	7.50e-004	-1.89e-004	-2.37e-006	2.93e-004
247	8.73e-002	0.60	8.94e-004	-1.89e-004	-3.05e-006	2.85e-004
248	8.73e-002	0.61	1.07e-003	-1.77e-004	-3.38e-006	2.82e-004
249	8.73e-002	0.63	1.26e-003	-1.62e-004	-3.72e-006	2.82e-004
250	8.72e-002	0.64	1.47e-003	-1.45e-004	-3.93e-006	2.82e-004
251	8.72e-002	0.66	1.68e-003	-1.28e-004	-3.99e-006	2.82e-004
252	8.72e-002	0.67	1.90e-003	-1.11e-004	-3.98e-006	2.83e-004
253	8.73e-002	0.69	2.11e-003	-8.99e-005	-3.83e-006	2.86e-004
254	8.73e-002	0.71	2.31e-003	-6.12e-005	-3.87e-006	2.93e-004
255	8.73e-002	0.72	2.57e-003	-2.83e-005	-2.18e-006	3.18e-004
256	8.75e-002	0.73	2.64e-003	-9.66e-005	-6.13e-006	3.07e-004
257	8.75e-002	0.75	2.89e-003	-1.02e-004	-3.69e-006	3.17e-004
258	8.75e-002	0.77	3.13e-003	-1.13e-004	-4.76e-006	3.21e-004
259	8.75e-002	0.79	3.40e-003	-1.26e-004	-4.85e-006	3.23e-004
260	8.74e-002	0.80	3.68e-003	-1.41e-004	-5.15e-006	3.23e-004
261	8.74e-002	0.82	3.96e-003	-1.55e-004	-5.24e-006	3.24e-004
262	8.74e-002	0.84	4.26e-003	-1.70e-004	-5.27e-006	3.24e-004
263	8.74e-002	0.85	4.55e-003	-1.85e-004	-5.19e-006	3.24e-004
264	8.75e-002	0.87	4.83e-003	-2.00e-004	-5.00e-006	3.24e-004
265	8.75e-002	0.89	5.10e-003	-2.15e-004	-4.75e-006	3.24e-004
266	8.79e-002	-0.29	-8.29e-004	5.36e-005	7.64e-006	3.19e-004

267	8.78e-002	-0.27	-1.17e-003	4.48e-005	5.14e-006	3.26e-004
268	8.78e-002	-0.25	-1.38e-003	3.44e-005	3.59e-006	3.21e-004
269	8.77e-002	-0.23	-1.49e-003	2.75e-005	2.60e-006	3.17e-004
270	8.77e-002	-0.22	-1.52e-003	2.39e-005	-8.16e-007	3.13e-004
271	8.77e-002	-0.20	-1.55e-003	2.17e-005	1.11e-006	3.15e-004
272	8.81e-002	-0.29	-8.48e-004	2.39e-005	9.22e-006	3.21e-004
273	8.80e-002	-0.27	-1.19e-003	2.78e-005	5.10e-006	3.28e-004
274	8.79e-002	-0.25	-1.37e-003	2.84e-005	3.60e-006	3.24e-004
275	8.78e-002	-0.23	-1.49e-003	2.35e-005	2.22e-006	3.21e-004
276	8.78e-002	-0.22	-1.54e-003	1.52e-005	1.16e-006	3.17e-004
277	8.77e-002	-0.20	-1.56e-003	7.55e-006	2.55e-007	3.16e-004
278	8.85e-002	-0.29	-8.77e-004	5.92e-006	1.08e-005	3.21e-004
279	8.82e-002	-0.27	-1.18e-003	2.07e-005	4.50e-006	3.23e-004
280	8.80e-002	-0.25	-1.37e-003	2.53e-005	2.70e-006	3.25e-004
281	8.79e-002	-0.23	-1.49e-003	2.13e-005	1.31e-006	3.25e-004
282	8.78e-002	-0.22	-1.54e-003	1.20e-005	4.57e-007	3.23e-004
283	8.77e-002	-0.20	-1.58e-003	2.92e-006	-2.65e-007	3.17e-004
284	8.76e-002	-0.18	-1.56e-003	2.59e-005	-8.55e-007	3.14e-004
285	8.75e-002	0.91	5.36e-003	-2.30e-004	-4.29e-006	3.24e-004
286	8.75e-002	0.92	5.59e-003	-2.46e-004	-4.04e-006	3.25e-004
287	8.76e-002	-0.15	-1.38e-003	2.44e-005	-2.03e-006	3.14e-004
288	8.76e-002	-0.11	-1.07e-003	3.16e-005	-2.72e-006	3.14e-004
289	8.75e-002	0.94	5.79e-003	-2.62e-004	-2.81e-006	3.27e-004
290	8.76e-002	0.96	5.99e-003	-2.81e-004	-4.72e-006	3.30e-004
291	8.76e-002	-7.49e-002	-7.06e-004	3.95e-005	-2.85e-006	3.14e-004
292	8.76e-002	-3.98e-002	-3.92e-004	4.72e-005	-2.42e-006	3.14e-004
293	8.76e-002	0.98	6.09e-003	-2.94e-004	-1.24e-006	3.22e-004
294	8.76e-002	-2.09e-003	-2.49e-004	4.60e-005	-1.08e-006	3.14e-004
295	8.74e-002	0.74	2.67e-003	-7.21e-005	-3.38e-006	3.18e-004
296	8.73e-002	0.75	2.89e-003	-9.43e-005	-4.02e-006	3.26e-004
297	8.76e-002	3.81e-002	-1.44e-004	3.51e-005	-8.33e-007	3.14e-004
298	8.76e-002	7.83e-002	-6.41e-005	2.37e-005	-4.39e-007	3.14e-004
299	8.73e-002	0.77	3.13e-003	-1.11e-004	-4.69e-006	3.31e-004
300	8.73e-002	0.79	3.40e-003	-1.26e-004	-4.92e-006	3.32e-004
301	8.76e-002	0.12	-2.83e-005	1.20e-005	-1.39e-007	3.14e-004
302	8.76e-002	0.16	-5.45e-005	-2.52e-006	2.80e-007	3.14e-004
303	8.73e-002	0.81	3.68e-003	-1.41e-004	-5.17e-006	3.33e-004
304	8.76e-002	-0.18	-1.57e-003	2.10e-005	-1.81e-006	3.17e-004
305	8.76e-002	-0.16	-1.49e-003	2.14e-005	-8.02e-007	3.14e-004
306	8.76e-002	-0.15	-1.38e-003	2.41e-005	-2.03e-006	3.12e-004
307	8.75e-002	-0.13	-1.23e-003	2.77e-005	-2.38e-006	3.12e-004
308	8.75e-002	-0.11	-1.07e-003	3.15e-005	-2.76e-006	3.11e-004
309	8.75e-002	-9.37e-002	-8.87e-004	3.55e-005	-2.78e-006	3.11e-004
310	8.75e-002	-7.63e-002	-7.06e-004	3.95e-005	-2.85e-006	3.11e-004
311	8.75e-002	-5.89e-002	-5.42e-004	4.33e-005	-2.02e-006	3.12e-004
312	8.76e-002	-4.14e-002	-3.77e-004	4.68e-005	-3.69e-006	3.12e-004
313	8.76e-002	-2.39e-002	-2.99e-004	4.81e-005	-9.00e-007	3.14e-004
314	8.76e-002	-0.18	-1.55e-003	1.30e-005	-5.65e-007	3.14e-004
315	8.76e-002	-0.16	-1.48e-003	1.91e-005	-1.17e-006	3.11e-004
316	8.75e-002	-0.15	-1.38e-003	2.35e-005	-2.03e-006	3.10e-004
317	8.75e-002	-0.13	-1.23e-003	2.75e-005	-2.46e-006	3.09e-004
318	8.75e-002	-0.11	-1.07e-003	3.15e-005	-2.80e-006	3.09e-004
319	8.74e-002	-9.50e-002	-8.86e-004	3.55e-005	-2.86e-006	3.09e-004
320	8.75e-002	-7.77e-002	-7.07e-004	3.94e-005	-2.85e-006	3.09e-004
321	8.75e-002	-6.04e-002	-5.44e-004	4.30e-005	-2.32e-006	3.09e-004
322	8.75e-002	-4.30e-002	-3.96e-004	4.59e-005	-2.02e-006	3.10e-004
323	8.76e-002	-2.55e-002	-3.03e-004	4.70e-005	-1.41e-006	3.14e-004
324	8.76e-002	-0.18	-1.54e-003	1.00e-005	-7.22e-007	3.10e-004
325	8.75e-002	-0.16	-1.48e-003	1.79e-005	-1.64e-006	3.08e-004
326	8.74e-002	-0.15	-1.38e-003	2.32e-005	-2.31e-006	3.07e-004
327	8.74e-002	-0.13	-1.23e-003	2.74e-005	-2.85e-006	3.07e-004
328	8.74e-002	-0.11	-1.06e-003	3.15e-005	-3.17e-006	3.06e-004
329	8.73e-002	-0.10	-8.86e-004	3.55e-005	-3.25e-006	3.06e-004
330	8.74e-002	-7.91e-002	-7.08e-004	3.93e-005	-3.14e-006	3.07e-004
331	8.74e-002	-6.19e-002	-5.43e-004	4.29e-005	-2.88e-006	3.07e-004

332	8.74e-002	-4.46e-002	-4.04e-004	4.56e-005	-2.30e-006	3.09e-004
333	8.75e-002	-2.72e-002	-3.05e-004	4.67e-005	-1.47e-006	3.14e-004
334	8.76e-002	-3.69e-003	-2.68e-004	4.56e-005	-2.58e-006	3.16e-004
335	8.76e-002	1.66e-002	-1.92e-004	4.06e-005	-4.81e-007	3.17e-004
336	8.76e-002	3.69e-002	-1.44e-004	3.51e-005	-7.91e-007	3.17e-004
337	8.76e-002	5.72e-002	-9.89e-005	2.94e-005	-5.31e-007	3.17e-004
338	8.76e-002	7.74e-002	-6.42e-005	2.37e-005	-4.41e-007	3.17e-004
339	8.76e-002	0.10	-4.05e-005	1.79e-005	-1.90e-007	3.17e-004
340	8.76e-002	0.12	-2.87e-005	1.21e-005	-9.60e-008	3.17e-004
341	8.76e-002	0.14	-3.53e-005	6.08e-006	5.41e-007	3.18e-004
342	8.76e-002	0.16	-3.71e-005	-6.79e-007	-1.05e-006	3.19e-004
343	8.77e-002	0.18	-1.07e-004	-5.81e-006	8.57e-007	3.16e-004
344	8.76e-002	-5.27e-003	-2.51e-004	4.49e-005	-8.21e-007	3.19e-004
345	8.76e-002	1.52e-002	-1.91e-004	4.04e-005	-6.34e-007	3.20e-004
346	8.76e-002	3.56e-002	-1.44e-004	3.50e-005	-7.58e-007	3.20e-004
347	8.76e-002	5.61e-002	-9.93e-005	2.94e-005	-5.61e-007	3.20e-004
348	8.76e-002	7.66e-002	-6.45e-005	2.37e-005	-4.36e-007	3.20e-004
349	8.76e-002	0.10	-4.07e-005	1.80e-005	-2.19e-007	3.20e-004
350	8.76e-002	0.12	-2.92e-005	1.23e-005	-6.55e-008	3.20e-004
351	8.76e-002	0.14	-3.72e-005	6.97e-006	3.63e-007	3.21e-004
352	8.77e-002	0.16	-5.38e-005	3.03e-006	5.13e-007	3.21e-004
353	8.77e-002	0.18	-9.42e-005	2.12e-006	2.96e-007	3.18e-004
354	8.75e-002	-6.83e-003	-2.46e-004	4.46e-005	-8.90e-007	3.20e-004
355	8.75e-002	1.38e-002	-1.93e-004	4.02e-005	-9.26e-007	3.22e-004
356	8.75e-002	3.44e-002	-1.44e-004	3.50e-005	-7.39e-007	3.23e-004
357	8.76e-002	5.51e-002	-9.96e-005	2.94e-005	-6.13e-007	3.23e-004
358	8.76e-002	7.58e-002	-6.51e-005	2.37e-005	-4.80e-007	3.23e-004
359	8.76e-002	0.10	-4.15e-005	1.80e-005	-2.71e-007	3.23e-004
360	8.76e-002	0.12	-3.01e-005	1.24e-005	-4.65e-008	3.23e-004
361	8.76e-002	0.14	-3.62e-005	7.45e-006	1.14e-007	3.23e-004
362	8.77e-002	0.16	-6.01e-005	4.57e-006	5.21e-007	3.22e-004
363	8.77e-002	0.18	-8.09e-005	5.89e-006	-2.77e-007	3.19e-004
364	8.76e-002	0.20	-1.34e-004	-1.58e-005	-1.73e-007	3.14e-004
365	8.73e-002	0.83	3.96e-003	-1.55e-004	-5.28e-006	3.33e-004
366	8.73e-002	0.84	4.26e-003	-1.70e-004	-5.30e-006	3.33e-004
367	8.76e-002	0.23	-1.20e-004	-4.19e-005	-3.08e-007	3.14e-004
368	8.76e-002	0.27	-6.97e-005	-7.57e-005	-3.75e-007	3.14e-004
369	8.73e-002	0.86	4.55e-003	-1.85e-004	-5.22e-006	3.33e-004
370	8.73e-002	0.88	4.83e-003	-2.00e-004	-5.04e-006	3.34e-004
371	8.76e-002	0.30	-1.55e-005	-1.10e-004	-3.89e-007	3.14e-004
372	8.76e-002	0.33	8.92e-006	-1.42e-004	-3.92e-007	3.14e-004
373	8.73e-002	0.90	5.10e-003	-2.15e-004	-4.77e-006	3.34e-004
374	8.73e-002	0.91	5.36e-003	-2.30e-004	-4.36e-006	3.34e-004
375	8.76e-002	0.37	-4.60e-005	-1.59e-004	-2.64e-007	3.14e-004
376	8.76e-002	0.41	6.31e-006	-1.73e-004	-8.67e-007	3.14e-004
377	8.74e-002	0.93	5.59e-003	-2.44e-004	-3.99e-006	3.35e-004
378	8.74e-002	0.95	5.79e-003	-2.56e-004	-3.23e-006	3.36e-004
379	8.76e-002	0.45	1.44e-004	-1.89e-004	-1.29e-006	3.14e-004
380	8.76e-002	0.49	3.34e-004	-2.07e-004	-1.71e-006	3.14e-004
381	8.75e-002	0.97	5.96e-003	-2.62e-004	-2.90e-006	3.37e-004
382	8.75e-002	0.99	6.09e-003	-2.61e-004	-2.95e-006	3.26e-004
383	8.76e-002	0.52	5.42e-004	-2.35e-004	-1.97e-006	3.14e-004
384	8.76e-002	0.20	-1.47e-004	-1.30e-005	-1.37e-006	3.19e-004
385	8.76e-002	0.21	-1.30e-004	-2.60e-005	4.10e-007	3.23e-004
386	8.76e-002	0.23	-1.20e-004	-4.18e-005	-2.74e-007	3.24e-004
387	8.76e-002	0.25	-9.70e-005	-5.86e-005	-2.50e-007	3.25e-004
388	8.76e-002	0.27	-6.97e-005	-7.57e-005	-3.86e-007	3.25e-004
389	8.76e-002	0.29	-4.18e-005	-9.29e-005	-2.75e-007	3.25e-004
390	8.76e-002	0.30	-1.59e-005	-1.10e-004	-3.55e-007	3.25e-004
391	8.76e-002	0.32	-2.55e-006	-1.27e-004	3.81e-007	3.24e-004
392	8.76e-002	0.34	2.40e-005	-1.42e-004	-1.64e-006	3.23e-004
393	8.77e-002	0.36	-1.85e-005	-1.51e-004	7.02e-007	3.18e-004
394	8.77e-002	0.20	-1.26e-004	-8.67e-006	5.00e-007	3.28e-004
395	8.76e-002	0.22	-1.28e-004	-2.49e-005	1.23e-007	3.33e-004
396	8.76e-002	0.23	-1.19e-004	-4.15e-005	-2.30e-007	3.35e-004

397	8.76e-002	0.25	-9.69e-005	-5.85e-005	-3.04e-007	3.36e-004
398	8.76e-002	0.27	-6.97e-005	-7.57e-005	-3.91e-007	3.36e-004
399	8.76e-002	0.29	-4.18e-005	-9.29e-005	-3.31e-007	3.36e-004
400	8.76e-002	0.31	-1.65e-005	-1.10e-004	-3.10e-007	3.35e-004
401	8.76e-002	0.33	-3.85e-006	-1.26e-004	5.29e-008	3.34e-004
402	8.76e-002	0.34	3.29e-006	-1.41e-004	1.71e-007	3.31e-004
403	8.77e-002	0.36	-1.98e-005	-1.50e-004	1.14e-007	3.21e-004
404	8.77e-002	0.20	-1.22e-004	-6.99e-006	3.10e-007	3.37e-004
405	8.76e-002	0.22	-1.29e-004	-2.43e-005	-1.77e-007	3.43e-004
406	8.76e-002	0.23	-1.18e-004	-4.14e-005	-3.00e-007	3.46e-004
407	8.76e-002	0.25	-9.65e-005	-5.85e-005	-4.73e-007	3.46e-004
408	8.76e-002	0.27	-6.96e-005	-7.57e-005	-5.37e-007	3.47e-004
409	8.76e-002	0.29	-4.20e-005	-9.28e-005	-4.99e-007	3.47e-004
410	8.76e-002	0.31	-1.76e-005	-1.10e-004	-3.67e-007	3.46e-004
411	8.76e-002	0.33	-2.92e-006	-1.26e-004	-2.53e-007	3.44e-004
412	8.76e-002	0.35	-3.42e-006	-1.40e-004	9.96e-008	3.39e-004
413	8.77e-002	0.37	-2.00e-005	-1.50e-004	1.07e-007	3.24e-004
414	8.76e-002	0.38	-6.58e-005	-1.58e-004	-1.82e-006	3.18e-004
415	8.76e-002	0.40	-2.90e-005	-1.65e-004	4.06e-008	3.18e-004
416	8.76e-002	0.41	6.84e-006	-1.73e-004	-8.28e-007	3.18e-004
417	8.76e-002	0.43	6.79e-005	-1.81e-004	-9.74e-007	3.19e-004
418	8.76e-002	0.45	1.45e-004	-1.89e-004	-1.30e-006	3.19e-004
419	8.76e-002	0.47	2.34e-004	-1.98e-004	-1.40e-006	3.19e-004
420	8.76e-002	0.49	3.34e-004	-2.06e-004	-1.67e-006	3.19e-004
421	8.76e-002	0.51	4.34e-004	-2.15e-004	-1.24e-006	3.21e-004
422	8.76e-002	0.53	5.60e-004	-2.27e-004	-3.38e-006	3.24e-004
423	8.76e-002	0.55	6.29e-004	-2.31e-004	-1.41e-006	3.11e-004
424	8.76e-002	0.38	-4.58e-005	-1.57e-004	1.03e-007	3.22e-004
425	8.76e-002	0.40	-2.68e-005	-1.65e-004	-1.84e-007	3.23e-004
426	8.76e-002	0.42	7.63e-006	-1.73e-004	-7.90e-007	3.23e-004
427	8.76e-002	0.44	6.83e-005	-1.81e-004	-1.02e-006	3.23e-004
428	8.75e-002	0.46	1.45e-004	-1.89e-004	-1.30e-006	3.23e-004
429	8.75e-002	0.48	2.35e-004	-1.97e-004	-1.44e-006	3.23e-004
430	8.75e-002	0.50	3.34e-004	-2.05e-004	-1.63e-006	3.24e-004
431	8.75e-002	0.52	4.33e-004	-2.10e-004	-1.48e-006	3.25e-004
432	8.75e-002	0.54	5.42e-004	-2.09e-004	-1.63e-006	3.25e-004
433	8.75e-002	0.56	6.39e-004	-1.97e-004	-2.07e-006	3.08e-004
434	8.76e-002	0.39	-3.80e-005	-1.57e-004	2.40e-008	3.26e-004
435	8.76e-002	0.41	-2.79e-005	-1.65e-004	-5.33e-007	3.27e-004
436	8.75e-002	0.43	9.04e-006	-1.73e-004	-8.14e-007	3.28e-004
437	8.75e-002	0.45	6.93e-005	-1.81e-004	-1.13e-006	3.28e-004
438	8.75e-002	0.47	1.46e-004	-1.89e-004	-1.40e-006	3.28e-004
439	8.75e-002	0.49	2.35e-004	-1.97e-004	-1.55e-006	3.28e-004
440	8.75e-002	0.51	3.34e-004	-2.04e-004	-1.66e-006	3.27e-004
441	8.75e-002	0.53	4.35e-004	-2.08e-004	-1.79e-006	3.25e-004
442	8.75e-002	0.55	5.36e-004	-2.01e-004	-1.66e-006	3.18e-004
443	8.74e-002	0.57	6.49e-004	-1.66e-004	-2.41e-006	3.05e-004
444	8.76e-002	0.56	7.35e-004	-2.29e-004	-2.87e-006	3.14e-004
445	8.76e-002	0.59	1.06e-003	-1.81e-004	-3.34e-006	3.14e-004
446	8.76e-002	0.63	1.47e-003	-1.46e-004	-3.70e-006	3.14e-004
447	8.76e-002	0.66	1.90e-003	-1.15e-004	-3.91e-006	3.14e-004
448	8.76e-002	0.70	2.32e-003	-1.09e-004	-4.11e-006	3.14e-004
449	8.72e-002	0.74	2.68e-003	-6.23e-005	-3.69e-006	3.36e-004
450	8.72e-002	0.76	2.89e-003	-9.03e-005	-4.46e-006	3.40e-004
451	8.71e-002	0.78	3.13e-003	-1.09e-004	-4.79e-006	3.42e-004
452	8.71e-002	0.79	3.40e-003	-1.25e-004	-5.13e-006	3.42e-004
453	8.71e-002	0.81	3.68e-003	-1.40e-004	-5.36e-006	3.43e-004
454	8.76e-002	0.73	2.66e-003	-1.12e-004	-4.53e-006	3.14e-004
455	8.76e-002	0.75	2.89e-003	-1.06e-004	-3.48e-006	3.14e-004
456	8.71e-002	0.83	3.96e-003	-1.55e-004	-5.47e-006	3.43e-004
457	8.71e-002	0.85	4.26e-003	-1.70e-004	-5.49e-006	3.43e-004
458	8.71e-002	0.87	4.55e-003	-1.85e-004	-5.42e-006	3.43e-004
459	8.71e-002	0.89	4.83e-003	-2.00e-004	-5.23e-006	3.43e-004
460	8.76e-002	0.78	3.40e-003	-1.27e-004	-4.81e-006	3.14e-004
461	8.76e-002	0.80	3.67e-003	-1.41e-004	-5.13e-006	3.14e-004

462	8.76e-002	0.83	4.26e-003	-1.70e-004	-5.25e-006	3.14e-004
463	8.76e-002	0.85	4.55e-003	-1.85e-004	-5.17e-006	3.14e-004
464	8.71e-002	0.90	5.10e-003	-2.15e-004	-4.96e-006	3.43e-004
465	8.72e-002	0.92	5.35e-003	-2.29e-004	-4.57e-006	3.43e-004
466	8.72e-002	0.94	5.58e-003	-2.43e-004	-4.07e-006	3.43e-004
467	8.73e-002	0.96	5.79e-003	-2.53e-004	-3.53e-006	3.40e-004
468	8.76e-002	0.88	5.10e-003	-2.15e-004	-4.74e-006	3.14e-004
469	8.76e-002	0.90	5.36e-003	-2.30e-004	-4.26e-006	3.14e-004
470	8.76e-002	0.93	5.79e-003	-2.65e-004	-2.62e-006	3.14e-004
471	8.76e-002	0.95	5.97e-003	-2.89e-004	-3.53e-006	3.14e-004
472	8.73e-002	0.98	5.95e-003	-2.51e-004	-2.84e-006	3.32e-004
473	8.74e-002	0.99	6.07e-003	-2.14e-004	-2.11e-006	3.27e-004
474	8.76e-002	0.57	7.21e-004	-2.18e-004	-4.14e-006	2.96e-004
475	8.75e-002	0.58	8.92e-004	-1.98e-004	-2.35e-006	3.00e-004
476	8.75e-002	0.60	1.06e-003	-1.80e-004	-3.31e-006	3.02e-004
477	8.75e-002	0.62	1.26e-003	-1.63e-004	-3.43e-006	3.03e-004
478	0.25	-0.20	-2.62e-003	-1.26e-005	6.23e-006	3.36e-004
479	0.25	-2.70e-002	-3.03e-004	7.67e-006	-1.55e-006	3.07e-004
480	0.25	0.18	1.35e-003	1.69e-006	1.93e-006	3.42e-004
481	0.25	0.39	1.16e-003	-1.12e-004	2.48e-006	3.71e-004
482	0.25	0.60	1.96e-003	-1.32e-004	-4.54e-006	2.79e-004
483	0.25	0.73	7.60e-003	4.73e-005	1.29e-007	3.04e-004
484	0.24	9.97e-001	9.39e-003	4.82e-005	3.20e-006	3.29e-004
485	-0.13	0.18	-2.71e-003	-2.58e-006	-1.54e-006	3.27e-004
486	-0.13	0.37	-1.02e-003	-1.22e-004	-2.84e-006	3.38e-004
487	-0.13	0.57	-1.57e-003	-1.16e-004	9.31e-006	2.95e-004
488	8.69e-002	0.58	7.20e-004	-3.41e-005	-3.21e-006	2.92e-004
489	8.70e-002	0.73	2.57e-003	-3.13e-005	-2.42e-006	3.13e-004
490	8.72e-002	1.02	6.14e-003	-1.27e-004	-1.53e-006	3.34e-004
491	-6.29e-003	1.02	-1.87e-002	-9.09e-005	7.10e-006	3.33e-004
492	-7.07e-003	0.73	-3.95e-003	-1.19e-005	7.50e-006	3.13e-004
493	-0.13	0.58	-1.61e-003	-4.77e-005	1.77e-005	2.89e-004
494	-6.99e-003	0.58	-2.31e-004	-2.16e-005	3.07e-006	3.01e-004
495	-0.13	0.73	-1.15e-002	-5.59e-005	1.65e-005	2.87e-004
496	0.25	-0.41	2.78e-004	-3.68e-006	3.14e-006	3.09e-004
497	0.25	-0.30	-3.08e-004	2.13e-006	8.13e-006	3.32e-004
498	-0.50	-0.41	-1.10e-003	2.59e-006	2.86e-005	3.02e-004
499	-0.38	-0.41	-3.91e-004	7.21e-006	-2.93e-005	3.21e-004
500	-0.24	-0.41	-2.39e-003	2.89e-006	6.17e-006	3.31e-004
501	-0.11	-0.41	1.30e-003	3.40e-006	-1.11e-005	3.13e-004
502	-9.52e-003	-0.41	-3.53e-004	7.98e-006	-1.20e-005	3.30e-004
503	8.91e-002	-0.41	-8.86e-004	4.19e-006	2.46e-006	3.26e-004
504	-0.50	-0.29	-1.22e-003	2.55e-005	-1.08e-005	3.12e-004
505	-0.38	-0.29	-4.63e-004	1.56e-005	-1.52e-004	3.18e-004
506	-0.24	-0.29	-1.97e-003	1.36e-005	-9.99e-006	3.27e-004
507	-0.11	-0.29	1.43e-003	1.59e-005	-5.39e-005	3.16e-004
508	-7.92e-003	-0.29	-2.38e-003	1.25e-005	-1.56e-005	3.24e-004
509	-0.13	0.72	-1.15e-002	-1.17e-005	1.27e-005	2.99e-004
510	2.79e-002	0.13	0.00	0.00	0.00	1.41e-004
511	2.13e-002	0.12	0.00	0.00	0.00	1.98e-004
512	1.30e-002	0.16	0.00	0.00	0.00	3.14e-004

SPOSTAMENTI NODALI "Torcente di piano SLD" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00

10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	-2.95e-002	8.05e-004	-7.30e-004	-3.02e-005	-5.14e-005	6.37e-005
42	-2.95e-002	3.96e-002	-2.18e-004	-2.02e-004	-5.06e-006	6.37e-005
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	-4.19e-003	8.05e-004	-2.94e-005	-2.33e-005	-5.01e-006	6.37e-005
47	1.49e-002	8.05e-004	3.91e-005	-2.09e-005	3.86e-005	6.37e-005
48	4.72e-002	8.05e-004	7.95e-004	-2.70e-005	9.47e-005	6.37e-005
49	-4.19e-003	3.96e-002	-2.09e-005	-2.19e-004	3.63e-006	6.37e-005
50	1.49e-002	3.96e-002	9.57e-005	-2.19e-004	7.58e-006	6.37e-005
51	4.72e-002	3.96e-002	3.18e-004	-2.14e-004	1.29e-005	6.37e-005
52	-2.95e-002	7.45e-002	-2.55e-003	-1.44e-004	-2.41e-005	6.37e-005
53	-4.19e-003	7.44e-002	-7.87e-004	-1.07e-004	1.61e-006	6.37e-005
54	1.49e-002	7.44e-002	4.09e-004	-1.00e-004	2.70e-005	6.37e-005
55	4.61e-002	7.47e-002	1.78e-003	-2.85e-004	4.83e-005	6.37e-005
56	4.47e-002	0.13	2.32e-003	-2.13e-004	8.62e-005	6.37e-005
57	1.49e-002	0.13	1.63e-003	-1.53e-004	4.98e-005	6.37e-005
58	-4.04e-003	0.13	-4.80e-003	-1.77e-004	7.88e-006	6.37e-005
59	-0.14	-0.11	-4.05e-004	1.77e-004	-2.20e-004	8.97e-005
60	-0.14	-7.68e-002	-2.19e-004	1.02e-004	-9.59e-005	8.97e-005
61	-0.14	-5.26e-002	3.10e-003	9.56e-005	-1.92e-004	8.97e-005
62	-0.10	-0.11	-1.30e-004	9.70e-005	-2.89e-004	8.97e-005
63	-0.10	-7.68e-002	-1.80e-004	4.05e-005	-2.52e-004	8.97e-005
64	-0.10	-5.26e-002	8.23e-005	4.87e-005	-2.81e-004	8.97e-005
65	-6.25e-002	-0.11	-8.34e-004	1.07e-004	-1.27e-004	8.97e-005
66	-6.25e-002	-7.68e-002	-6.21e-004	5.36e-005	-6.77e-005	8.97e-005
67	-6.25e-002	-5.26e-002	1.12e-003	5.38e-005	-1.12e-004	8.97e-005
68	-2.39e-002	-0.11	5.04e-004	9.83e-005	-8.00e-005	8.97e-005
69	-2.39e-002	-7.68e-002	5.99e-004	3.87e-005	-6.94e-005	8.97e-005
70	-2.39e-002	-5.26e-002	4.16e-004	4.97e-005	-7.81e-005	8.97e-005
71	3.00e-003	-0.11	-1.13e-004	8.37e-005	-1.05e-006	8.97e-005
72	3.00e-003	-7.68e-002	-1.01e-003	7.90e-005	-3.81e-006	8.97e-005
73	3.00e-003	-5.26e-002	1.33e-004	4.37e-005	-5.02e-006	8.97e-005
74	2.99e-002	-0.11	-2.64e-004	1.02e-004	2.18e-005	8.97e-005

75	2.99e-002	-7.68e-002	-1.85e-004	1.86e-004	7.28e-006	8.97e-005
76	2.99e-002	-5.26e-002	-4.77e-004	5.37e-005	1.04e-005	8.97e-005
77	7.56e-002	-0.11	1.55e-004	2.01e-004	6.05e-005	8.97e-005
78	7.56e-002	-7.68e-002	-4.24e-005	2.10e-004	2.13e-005	8.97e-005
79	7.56e-002	-5.26e-002	-1.02e-003	9.63e-005	3.10e-005	8.97e-005
80	3.00e-003	-2.39e-003	4.17e-005	8.78e-006	6.84e-008	8.97e-005
81	2.99e-002	-2.39e-003	-7.25e-005	9.14e-006	1.48e-005	8.97e-005
82	7.56e-002	-2.39e-003	-8.01e-005	1.65e-005	4.07e-005	8.97e-005
83	-3.29e-002	5.50e-002	-9.72e-004	-9.15e-005	-4.26e-005	8.97e-005
84	-3.26e-002	0.10	-5.08e-004	-2.82e-004	-1.17e-006	8.97e-005
85	-3.26e-002	0.16	-5.05e-004	-3.28e-004	-7.35e-006	8.97e-005
86	3.00e-003	5.50e-002	4.01e-004	-8.17e-005	-3.15e-006	8.97e-005
87	2.99e-002	5.50e-002	-2.12e-004	-8.02e-005	1.58e-005	8.97e-005
88	7.56e-002	5.50e-002	4.98e-004	-7.94e-005	4.48e-005	8.97e-005
89	3.00e-003	0.10	-1.00e-007	-3.09e-004	3.95e-006	8.97e-005
90	2.99e-002	0.10	1.65e-006	-3.09e-004	6.84e-006	8.97e-005
91	7.54e-002	0.10	5.72e-004	-2.81e-004	1.34e-005	8.97e-005
92	3.00e-003	0.16	-5.36e-005	-3.36e-004	2.06e-006	8.97e-005
93	2.99e-002	0.16	1.90e-004	-3.32e-004	1.12e-005	8.97e-005
94	7.54e-002	0.16	7.10e-004	-3.38e-004	1.32e-005	8.97e-005
95	-3.26e-002	0.21	-4.34e-003	-2.26e-004	-1.03e-005	8.97e-005
96	3.00e-003	0.21	-1.25e-003	-1.78e-004	5.57e-006	8.97e-005
97	2.99e-002	0.21	6.30e-004	-1.46e-004	8.94e-006	8.97e-005
98	7.38e-002	0.21	2.81e-003	-3.55e-004	3.02e-005	8.97e-005
99	7.18e-002	0.28	3.69e-003	-2.87e-004	2.98e-005	8.97e-005
100	2.99e-002	0.28	2.50e-003	-1.81e-004	1.59e-005	8.97e-005
101	3.22e-003	0.28	-7.62e-003	-2.42e-004	6.07e-006	8.97e-005
102	-4.32e-003	1.51e-004	-2.07e-004	-4.03e-007	-7.42e-005	3.95e-006
103	-1.28e-002	2.92e-004	-3.34e-004	-2.59e-006	-9.77e-005	2.66e-005
104	-2.21e-002	3.46e-004	-4.63e-004	1.16e-006	-9.33e-005	5.12e-005
105	-7.31e-004	2.04e-004	-3.68e-005	-1.20e-006	-1.16e-005	1.22e-005
106	-1.98e-003	3.72e-004	-5.18e-005	-2.31e-006	-1.38e-005	2.78e-005
107	-3.26e-003	4.79e-004	-5.27e-005	4.58e-007	-1.24e-005	4.54e-005
108	2.09e-003	2.21e-004	4.51e-005	-1.34e-006	3.50e-005	1.30e-005
109	6.06e-003	3.95e-004	6.73e-005	-2.37e-006	4.63e-005	2.91e-005
110	1.06e-002	4.85e-004	7.23e-005	7.23e-007	4.82e-005	4.62e-005
111	6.54e-003	1.74e-004	2.17e-004	-3.71e-007	1.16e-004	-6.99e-007
112	1.99e-002	3.15e-004	3.55e-004	-2.73e-006	1.55e-004	2.34e-005
113	3.48e-002	3.40e-004	4.96e-004	1.40e-006	1.52e-004	5.12e-005
114	-1.05e-002	8.05e-004	-1.75e-004	1.55e-006	-2.88e-005	6.37e-005
115	-1.69e-002	8.05e-004	-1.97e-004	-5.25e-006	-4.76e-005	6.37e-005
116	-2.32e-002	8.05e-004	-2.49e-004	8.62e-007	-6.13e-005	6.37e-005
117	1.01e-002	8.05e-004	-3.09e-005	1.59e-006	3.07e-005	6.37e-005
118	5.36e-003	8.05e-004	1.11e-005	-5.13e-006	1.81e-005	6.37e-005
119	5.81e-004	8.05e-004	6.42e-005	2.02e-006	5.21e-006	6.37e-005
120	3.91e-002	8.05e-004	2.81e-004	-6.33e-008	1.13e-004	6.37e-005
121	3.11e-002	8.05e-004	2.07e-004	-3.67e-006	9.39e-005	6.37e-005
122	2.30e-002	8.05e-004	1.67e-004	4.89e-007	6.97e-005	6.37e-005
123	-1.10e-003	1.98e-004	2.28e-004	-1.20e-007	7.60e-005	6.61e-006
124	6.66e-003	1.96e-004	2.10e-004	1.24e-007	9.41e-005	2.43e-006
125	1.68e-002	3.31e-004	2.69e-004	-1.63e-006	1.17e-004	2.45e-005
126	2.82e-002	4.52e-004	2.11e-004	1.62e-006	1.19e-004	5.07e-005
127	-1.26e-003	1.99e-004	2.19e-004	3.70e-008	7.17e-005	-1.49e-006
128	5.66e-003	2.53e-004	2.21e-004	-5.21e-007	7.74e-005	1.05e-005
129	1.35e-002	3.78e-004	2.14e-004	-1.08e-006	8.76e-005	2.76e-005
130	2.22e-002	5.74e-004	2.08e-004	-2.68e-006	9.30e-005	4.64e-005
131	-7.83e-004	1.48e-004	1.61e-004	-1.02e-006	4.85e-005	-5.73e-006
132	4.05e-003	2.37e-004	1.55e-004	-1.20e-006	5.55e-005	1.47e-005
133	9.86e-003	4.04e-004	1.54e-004	-1.52e-006	6.60e-005	3.01e-005
134	1.64e-002	5.22e-004	2.35e-004	1.92e-006	6.99e-005	4.55e-005
135	-2.02e-004	1.19e-004	3.52e-006	-3.92e-007	1.13e-005	5.92e-007
136	1.31e-003	2.05e-004	6.19e-006	-1.05e-006	2.34e-005	7.47e-006
137	3.98e-003	3.81e-004	3.38e-005	-1.29e-006	3.18e-005	2.65e-005
138	7.11e-003	4.76e-004	-6.79e-006	2.11e-006	3.36e-005	4.70e-005
139	-1.72e-004	1.51e-004	3.64e-006	5.65e-007	7.77e-006	-2.34e-006

140	7.10e-004	2.12e-004	5.19e-006	-7.16e-007	1.14e-005	7.78e-006
141	2.01e-003	3.76e-004	7.65e-006	-1.04e-006	1.58e-005	2.58e-005
142	3.64e-003	5.53e-004	1.02e-005	-2.54e-006	1.80e-005	4.62e-005
143	-2.59e-005	1.14e-004	2.12e-006	-4.58e-007	1.69e-006	-1.99e-006
144	6.71e-005	1.98e-004	1.78e-006	-1.00e-006	-3.80e-007	8.73e-006
145	5.44e-005	3.71e-004	-1.81e-005	-1.39e-006	3.30e-007	2.64e-005
146	1.83e-004	4.63e-004	3.38e-005	2.39e-006	2.46e-006	4.63e-005
147	2.70e-004	8.80e-005	-1.30e-004	-1.41e-006	-2.22e-005	-3.33e-006
148	-1.99e-003	1.95e-004	-1.29e-004	-1.27e-006	-2.65e-005	1.23e-005
149	-4.75e-003	3.60e-004	-1.25e-004	-1.64e-006	-3.10e-005	2.77e-005
150	-7.72e-003	4.73e-004	-1.95e-004	1.91e-006	-3.09e-005	4.47e-005
151	5.37e-004	1.35e-004	-1.91e-004	1.71e-008	-3.62e-005	-1.96e-006
152	-3.10e-003	1.94e-004	-1.96e-004	-6.81e-007	-4.20e-005	9.56e-006
153	-7.48e-003	3.30e-004	-1.94e-004	-1.12e-006	-4.93e-005	2.70e-005
154	-1.22e-002	5.36e-004	-1.95e-004	-3.04e-006	-4.99e-005	4.66e-005
155	4.85e-004	1.41e-004	-1.94e-004	2.59e-007	-3.96e-005	2.97e-006
156	-3.87e-003	1.55e-004	-1.90e-004	-1.51e-007	-5.73e-005	4.28e-006
157	-1.01e-002	2.99e-004	-2.63e-004	-1.73e-006	-7.25e-005	2.64e-005
158	-1.70e-002	3.97e-004	-2.29e-004	1.71e-006	-7.07e-005	5.09e-005
159	-0.22	-0.18	-4.56e-004	5.26e-005	-7.72e-005	1.42e-004
160	-0.22	-0.13	-4.68e-004	4.27e-005	-5.66e-005	1.42e-004
161	-0.22	-8.95e-002	4.04e-003	2.74e-005	-8.37e-005	1.42e-004
162	-0.16	-0.18	-1.67e-004	3.63e-005	-7.56e-005	1.42e-004
163	-0.16	-0.13	-2.04e-004	3.50e-005	-9.65e-005	1.42e-004
164	-0.16	-8.95e-002	1.67e-004	8.52e-006	-9.30e-005	1.42e-004
165	-0.11	-0.18	-1.06e-003	3.65e-005	-3.08e-005	1.42e-004
166	-0.11	-0.13	-8.49e-004	3.18e-005	-2.05e-005	1.42e-004
167	-0.11	-8.95e-002	1.48e-003	8.81e-006	-3.29e-005	1.42e-004
168	-4.55e-002	-0.18	6.07e-004	3.40e-005	-2.72e-005	1.42e-004
169	-4.55e-002	-0.13	6.58e-004	3.25e-005	-3.49e-005	1.42e-004
170	-4.55e-002	-8.95e-002	6.05e-004	8.57e-006	-3.26e-005	1.42e-004
171	-2.96e-003	-0.18	-1.72e-004	3.22e-005	-1.75e-006	1.42e-004
172	-2.96e-003	-0.13	-1.09e-003	3.75e-005	-3.67e-006	1.42e-004
173	-2.96e-003	-8.95e-002	2.78e-004	1.31e-005	-5.09e-006	1.42e-004
174	3.96e-002	-0.18	-3.90e-004	3.46e-005	3.47e-006	1.42e-004
175	3.96e-002	-0.13	-3.66e-004	4.46e-005	4.07e-006	1.42e-004
176	3.96e-002	-8.95e-002	-6.88e-004	2.20e-005	5.06e-006	1.42e-004
177	0.11	-0.18	1.60e-004	5.45e-005	1.68e-005	1.42e-004
178	0.11	-0.13	-1.06e-004	5.71e-005	9.50e-006	1.42e-004
179	0.11	-8.95e-002	-1.18e-003	3.83e-005	1.09e-005	1.42e-004
180	-2.96e-003	-1.00e-002	6.68e-005	1.64e-005	-1.76e-006	1.42e-004
181	3.96e-002	-1.00e-002	-1.31e-004	2.28e-005	4.08e-006	1.42e-004
182	0.11	-1.00e-002	-1.27e-004	1.42e-005	1.14e-005	1.42e-004
183	-5.97e-002	8.08e-002	-1.20e-003	-2.32e-005	-1.36e-005	1.42e-004
184	-5.94e-002	0.16	-4.61e-004	-7.31e-005	-9.55e-006	1.42e-004
185	-5.94e-002	0.25	-6.77e-004	-1.19e-004	-4.51e-006	1.42e-004
186	-2.96e-003	8.08e-002	3.13e-004	-1.38e-005	-1.99e-006	1.42e-004
187	3.96e-002	8.08e-002	-5.58e-005	-8.82e-006	4.62e-006	1.42e-004
188	0.11	8.08e-002	5.92e-004	-2.53e-005	1.12e-005	1.42e-004
189	-2.96e-003	0.16	1.15e-005	-6.96e-005	-2.35e-006	1.42e-004
190	3.96e-002	0.16	-7.34e-006	-6.96e-005	5.27e-006	1.42e-004
191	0.11	0.16	5.28e-004	-7.78e-005	1.42e-005	1.42e-004
192	-2.96e-003	0.25	-8.89e-005	-1.17e-004	-1.07e-006	1.42e-004
193	3.96e-002	0.25	2.79e-004	-1.24e-004	4.17e-006	1.42e-004
194	0.11	0.25	8.64e-004	-1.38e-004	6.61e-006	1.42e-004
195	-5.94e-002	0.32	-5.01e-003	-8.04e-005	-1.01e-005	1.42e-004
196	-2.96e-003	0.32	-1.80e-003	-5.93e-005	1.44e-006	1.42e-004
197	3.96e-002	0.32	1.09e-003	-7.35e-005	4.24e-006	1.42e-004
198	0.11	0.32	3.20e-003	-1.54e-004	1.88e-005	1.42e-004
199	0.11	0.44	4.13e-003	-1.82e-004	2.08e-005	1.42e-004
200	3.96e-002	0.44	2.75e-003	-1.44e-004	4.95e-006	1.42e-004
201	-2.61e-003	0.44	-8.43e-003	-1.84e-004	-3.31e-007	1.42e-004
202	3.96e-002	-0.12	-5.28e-004	2.47e-005	2.37e-006	1.42e-004
203	3.96e-002	-0.11	-6.22e-004	1.70e-005	1.64e-006	1.42e-004
204	3.96e-002	-0.10	-6.76e-004	1.34e-005	1.29e-006	1.42e-004

205	3.96e-002	-0.10	-6.93e-004	1.33e-005	2.12e-007	1.42e-004
206	3.96e-002	-7.36e-002	-6.73e-004	1.03e-005	-2.99e-007	1.42e-004
207	3.96e-002	-5.77e-002	-5.58e-004	1.25e-005	-1.05e-006	1.42e-004
208	3.96e-002	-4.18e-002	-4.01e-004	1.61e-005	-1.23e-006	1.42e-004
209	3.96e-002	-2.59e-002	-2.45e-004	1.97e-005	-8.42e-007	1.42e-004
210	3.96e-002	8.14e-003	-8.64e-005	1.84e-005	-1.62e-007	1.42e-004
211	3.96e-002	2.63e-002	-4.47e-005	1.33e-005	-2.35e-007	1.42e-004
212	3.96e-002	4.45e-002	-1.82e-005	8.10e-006	-8.04e-008	1.42e-004
213	3.96e-002	6.26e-002	-1.61e-005	2.53e-006	2.92e-007	1.42e-004
214	3.96e-002	0.10	-5.86e-005	-1.21e-005	2.52e-007	1.42e-004
215	3.96e-002	0.11	-4.38e-005	-2.65e-005	-9.97e-008	1.42e-004
216	3.96e-002	0.13	-1.89e-005	-4.20e-005	-1.11e-007	1.42e-004
217	3.96e-002	0.14	-9.62e-007	-5.73e-005	2.37e-007	1.42e-004
218	3.96e-002	0.18	-1.30e-005	-7.49e-005	7.97e-008	1.42e-004
219	3.96e-002	0.19	3.06e-005	-8.20e-005	-4.30e-007	1.42e-004
220	3.96e-002	0.21	1.06e-004	-8.94e-005	-6.22e-007	1.42e-004
221	3.96e-002	0.23	1.96e-004	-9.84e-005	-5.04e-007	1.42e-004
222	3.96e-002	0.26	4.03e-004	-9.11e-005	-9.88e-007	1.42e-004
223	3.96e-002	0.28	5.69e-004	-7.36e-005	-1.53e-006	1.42e-004
224	3.96e-002	0.29	7.61e-004	-5.84e-005	-1.66e-006	1.42e-004
225	3.96e-002	0.31	9.55e-004	-4.73e-005	-1.37e-006	1.42e-004
226	3.96e-002	0.35	1.41e-003	-5.15e-005	-2.17e-006	1.42e-004
227	3.96e-002	0.37	1.79e-003	-7.03e-005	-2.36e-006	1.42e-004
228	3.96e-002	0.39	2.18e-003	-9.05e-005	-2.25e-006	1.42e-004
229	3.96e-002	0.41	2.53e-003	-1.11e-004	-1.84e-006	1.42e-004
230	3.96e-002	0.29	6.63e-004	-6.58e-005	-1.68e-006	1.37e-004
231	3.96e-002	0.29	7.61e-004	-5.83e-005	-1.68e-006	1.37e-004
232	3.96e-002	0.30	8.60e-004	-5.13e-005	-1.76e-006	1.38e-004
233	3.96e-002	0.31	9.55e-004	-4.56e-005	-1.41e-006	1.40e-004
234	3.96e-002	0.32	1.06e-003	-4.28e-005	-2.26e-006	1.45e-004
235	3.96e-002	0.32	1.12e-003	-4.24e-005	-1.27e-006	1.42e-004
236	3.95e-002	0.26	3.36e-004	-8.97e-005	-9.88e-007	1.31e-004
237	3.95e-002	0.27	4.04e-004	-8.68e-005	-1.21e-006	1.31e-004
238	3.95e-002	0.27	4.81e-004	-8.05e-005	-1.48e-006	1.32e-004
239	3.95e-002	0.28	5.69e-004	-7.32e-005	-1.58e-006	1.32e-004
240	3.95e-002	0.29	6.63e-004	-6.57e-005	-1.69e-006	1.32e-004
241	3.95e-002	0.30	7.61e-004	-5.81e-005	-1.70e-006	1.33e-004
242	3.95e-002	0.30	8.59e-004	-5.04e-005	-1.75e-006	1.33e-004
243	3.95e-002	0.31	9.54e-004	-4.23e-005	-1.59e-006	1.36e-004
244	3.95e-002	0.32	1.05e-003	-3.20e-005	-1.87e-006	1.40e-004
245	3.95e-002	0.33	1.14e-003	-2.36e-005	-1.55e-006	1.43e-004
246	3.95e-002	0.26	3.39e-004	-8.56e-005	-1.07e-006	1.32e-004
247	3.95e-002	0.27	4.04e-004	-8.53e-005	-1.38e-006	1.29e-004
248	3.95e-002	0.28	4.82e-004	-8.00e-005	-1.53e-006	1.28e-004
249	3.94e-002	0.28	5.70e-004	-7.31e-005	-1.68e-006	1.27e-004
250	3.94e-002	0.29	6.63e-004	-6.56e-005	-1.78e-006	1.27e-004
251	3.94e-002	0.30	7.61e-004	-5.80e-005	-1.80e-006	1.28e-004
252	3.94e-002	0.30	8.59e-004	-5.00e-005	-1.80e-006	1.28e-004
253	3.94e-002	0.31	9.54e-004	-4.07e-005	-1.73e-006	1.29e-004
254	3.95e-002	0.32	1.05e-003	-2.77e-005	-1.75e-006	1.32e-004
255	3.95e-002	0.33	1.16e-003	-1.28e-005	-9.84e-007	1.44e-004
256	3.96e-002	0.33	1.19e-003	-4.37e-005	-2.77e-006	1.39e-004
257	3.95e-002	0.34	1.31e-003	-4.61e-005	-1.67e-006	1.43e-004
258	3.95e-002	0.35	1.41e-003	-5.10e-005	-2.15e-006	1.45e-004
259	3.95e-002	0.36	1.54e-003	-5.71e-005	-2.19e-006	1.46e-004
260	3.95e-002	0.36	1.66e-003	-6.36e-005	-2.33e-006	1.46e-004
261	3.95e-002	0.37	1.79e-003	-7.03e-005	-2.37e-006	1.46e-004
262	3.95e-002	0.38	1.92e-003	-7.70e-005	-2.38e-006	1.46e-004
263	3.95e-002	0.39	2.06e-003	-8.37e-005	-2.35e-006	1.46e-004
264	3.95e-002	0.39	2.18e-003	-9.05e-005	-2.26e-006	1.46e-004
265	3.95e-002	0.40	2.31e-003	-9.72e-005	-2.15e-006	1.46e-004
266	3.97e-002	-0.13	-3.75e-004	2.42e-005	3.45e-006	1.44e-004
267	3.97e-002	-0.12	-5.31e-004	2.02e-005	2.32e-006	1.48e-004
268	3.97e-002	-0.11	-6.22e-004	1.56e-005	1.62e-006	1.45e-004
269	3.97e-002	-0.11	-6.75e-004	1.24e-005	1.18e-006	1.43e-004

270	3.96e-002	-0.10	-6.86e-004	1.08e-005	-3.69e-007	1.41e-004
271	3.97e-002	-9.00e-002	-6.99e-004	9.81e-006	5.03e-007	1.42e-004
272	3.98e-002	-0.13	-3.83e-004	1.08e-005	4.17e-006	1.45e-004
273	3.98e-002	-0.12	-5.36e-004	1.26e-005	2.30e-006	1.48e-004
274	3.97e-002	-0.11	-6.21e-004	1.28e-005	1.63e-006	1.47e-004
275	3.97e-002	-0.11	-6.74e-004	1.06e-005	1.00e-006	1.45e-004
276	3.97e-002	-0.10	-6.95e-004	6.89e-006	5.23e-007	1.43e-004
277	3.96e-002	-9.02e-002	-7.06e-004	3.41e-006	1.15e-007	1.43e-004
278	4.00e-002	-0.13	-3.96e-004	2.68e-006	4.88e-006	1.45e-004
279	3.99e-002	-0.12	-5.32e-004	9.35e-006	2.03e-006	1.46e-004
280	3.98e-002	-0.11	-6.19e-004	1.14e-005	1.22e-006	1.47e-004
281	3.97e-002	-0.11	-6.71e-004	9.65e-006	5.92e-007	1.47e-004
282	3.97e-002	-0.10	-6.96e-004	5.43e-006	2.06e-007	1.46e-004
283	3.96e-002	-9.02e-002	-7.14e-004	1.32e-006	-1.20e-007	1.43e-004
284	3.96e-002	-8.15e-002	-7.05e-004	1.17e-005	-3.87e-007	1.42e-004
285	3.95e-002	0.41	2.42e-003	-1.04e-004	-1.94e-006	1.47e-004
286	3.96e-002	0.42	2.53e-003	-1.11e-004	-1.83e-006	1.47e-004
287	3.96e-002	-6.57e-002	-6.24e-004	1.10e-005	-9.18e-007	1.42e-004
288	3.96e-002	-4.98e-002	-4.82e-004	1.43e-005	-1.23e-006	1.42e-004
289	3.96e-002	0.43	2.62e-003	-1.18e-004	-1.27e-006	1.48e-004
290	3.96e-002	0.43	2.71e-003	-1.27e-004	-2.13e-006	1.49e-004
291	3.96e-002	-3.39e-002	-3.19e-004	1.79e-005	-1.29e-006	1.42e-004
292	3.96e-002	-1.80e-002	-1.77e-004	2.13e-005	-1.09e-006	1.42e-004
293	3.96e-002	0.44	2.75e-003	-1.33e-004	-5.60e-007	1.45e-004
294	3.96e-002	-9.44e-004	-1.12e-004	2.08e-005	-4.87e-007	1.42e-004
295	3.95e-002	0.33	1.21e-003	-3.26e-005	-1.53e-006	1.44e-004
296	3.95e-002	0.34	1.31e-003	-4.26e-005	-1.82e-006	1.47e-004
297	3.96e-002	1.72e-002	-6.50e-005	1.59e-005	-3.77e-007	1.42e-004
298	3.96e-002	3.54e-002	-2.90e-005	1.07e-005	-1.98e-007	1.42e-004
299	3.95e-002	0.35	1.42e-003	-5.00e-005	-2.12e-006	1.49e-004
300	3.95e-002	0.36	1.54e-003	-5.68e-005	-2.22e-006	1.50e-004
301	3.96e-002	5.35e-002	-1.28e-005	5.43e-006	-6.28e-008	1.42e-004
302	3.96e-002	7.17e-002	-2.46e-005	-1.14e-006	1.27e-007	1.42e-004
303	3.95e-002	0.37	1.66e-003	-6.35e-005	-2.34e-006	1.51e-004
304	3.96e-002	-8.19e-002	-7.10e-004	9.48e-006	-8.18e-007	1.43e-004
305	3.96e-002	-7.40e-002	-6.72e-004	9.68e-006	-3.63e-007	1.42e-004
306	3.96e-002	-6.60e-002	-6.24e-004	1.09e-005	-9.18e-007	1.41e-004
307	3.96e-002	-5.81e-002	-5.58e-004	1.25e-005	-1.07e-006	1.41e-004
308	3.96e-002	-5.03e-002	-4.82e-004	1.43e-005	-1.25e-006	1.41e-004
309	3.96e-002	-4.24e-002	-4.01e-004	1.61e-005	-1.26e-006	1.41e-004
310	3.96e-002	-3.45e-002	-3.19e-004	1.79e-005	-1.29e-006	1.41e-004
311	3.96e-002	-2.66e-002	-2.45e-004	1.96e-005	-9.12e-007	1.41e-004
312	3.96e-002	-1.87e-002	-1.70e-004	2.11e-005	-1.67e-006	1.41e-004
313	3.96e-002	-1.08e-002	-1.35e-004	2.18e-005	-4.07e-007	1.42e-004
314	3.96e-002	-8.22e-002	-7.02e-004	5.88e-006	-2.55e-007	1.42e-004
315	3.96e-002	-7.43e-002	-6.71e-004	8.64e-006	-5.27e-007	1.41e-004
316	3.96e-002	-6.64e-002	-6.23e-004	1.06e-005	-9.18e-007	1.40e-004
317	3.95e-002	-5.86e-002	-5.57e-004	1.24e-005	-1.11e-006	1.40e-004
318	3.95e-002	-5.08e-002	-4.82e-004	1.42e-005	-1.27e-006	1.40e-004
319	3.95e-002	-4.29e-002	-4.01e-004	1.60e-005	-1.29e-006	1.40e-004
320	3.95e-002	-3.51e-002	-3.20e-004	1.78e-005	-1.29e-006	1.40e-004
321	3.95e-002	-2.73e-002	-2.46e-004	1.95e-005	-1.05e-006	1.40e-004
322	3.96e-002	-1.94e-002	-1.79e-004	2.08e-005	-9.12e-007	1.40e-004
323	3.96e-002	-1.15e-002	-1.37e-004	2.13e-005	-6.39e-007	1.42e-004
324	3.96e-002	-8.24e-002	-6.98e-004	4.53e-006	-3.27e-007	1.40e-004
325	3.96e-002	-7.46e-002	-6.70e-004	8.10e-006	-7.41e-007	1.39e-004
326	3.95e-002	-6.68e-002	-6.22e-004	1.05e-005	-1.05e-006	1.39e-004
327	3.95e-002	-5.90e-002	-5.57e-004	1.24e-005	-1.29e-006	1.39e-004
328	3.95e-002	-5.13e-002	-4.81e-004	1.42e-005	-1.43e-006	1.39e-004
329	3.95e-002	-4.35e-002	-4.01e-004	1.60e-005	-1.47e-006	1.39e-004
330	3.95e-002	-3.57e-002	-3.20e-004	1.78e-005	-1.42e-006	1.39e-004
331	3.95e-002	-2.80e-002	-2.46e-004	1.94e-005	-1.30e-006	1.39e-004
332	3.95e-002	-2.02e-002	-1.83e-004	2.06e-005	-1.04e-006	1.40e-004
333	3.96e-002	-1.23e-002	-1.38e-004	2.11e-005	-6.62e-007	1.42e-004
334	3.96e-002	-1.67e-003	-1.21e-004	2.06e-005	-1.17e-006	1.43e-004

335	3.96e-002	7.49e-003	-8.68e-005	1.84e-005	-2.17e-007	1.43e-004
336	3.96e-002	1.67e-002	-6.50e-005	1.58e-005	-3.58e-007	1.43e-004
337	3.96e-002	2.58e-002	-4.47e-005	1.33e-005	-2.40e-007	1.43e-004
338	3.96e-002	3.50e-002	-2.90e-005	1.07e-005	-1.99e-007	1.43e-004
339	3.96e-002	4.42e-002	-1.83e-005	8.11e-006	-8.58e-008	1.43e-004
340	3.96e-002	5.34e-002	-1.30e-005	5.48e-006	-4.34e-008	1.43e-004
341	3.96e-002	6.25e-002	-1.59e-005	2.75e-006	2.45e-007	1.44e-004
342	3.96e-002	7.17e-002	-1.68e-005	-3.07e-007	-4.77e-007	1.44e-004
343	3.96e-002	8.10e-002	-4.83e-005	-2.63e-006	3.87e-007	1.43e-004
344	3.96e-002	-2.38e-003	-1.14e-004	2.03e-005	-3.71e-007	1.44e-004
345	3.96e-002	6.86e-003	-8.61e-005	1.82e-005	-2.87e-007	1.45e-004
346	3.96e-002	1.61e-002	-6.50e-005	1.58e-005	-3.42e-007	1.45e-004
347	3.96e-002	2.54e-002	-4.49e-005	1.33e-005	-2.54e-007	1.45e-004
348	3.96e-002	3.46e-002	-2.92e-005	1.07e-005	-1.97e-007	1.45e-004
349	3.96e-002	4.39e-002	-1.84e-005	8.12e-006	-9.91e-008	1.45e-004
350	3.96e-002	5.32e-002	-1.32e-005	5.57e-006	-2.96e-008	1.45e-004
351	3.96e-002	6.24e-002	-1.68e-005	3.15e-006	1.64e-007	1.45e-004
352	3.96e-002	7.17e-002	-2.43e-005	1.37e-006	2.32e-007	1.45e-004
353	3.96e-002	8.10e-002	-4.26e-005	9.60e-007	1.34e-007	1.44e-004
354	3.96e-002	-3.09e-003	-1.11e-004	2.02e-005	-4.02e-007	1.45e-004
355	3.96e-002	6.22e-003	-8.73e-005	1.82e-005	-4.19e-007	1.46e-004
356	3.96e-002	1.56e-002	-6.51e-005	1.58e-005	-3.34e-007	1.46e-004
357	3.96e-002	2.49e-002	-4.50e-005	1.33e-005	-2.77e-007	1.46e-004
358	3.96e-002	3.43e-002	-2.94e-005	1.07e-005	-2.17e-007	1.46e-004
359	3.96e-002	4.36e-002	-1.87e-005	8.13e-006	-1.22e-007	1.46e-004
360	3.96e-002	5.30e-002	-1.36e-005	5.62e-006	-2.10e-008	1.46e-004
361	3.96e-002	6.23e-002	-1.63e-005	3.37e-006	5.17e-008	1.46e-004
362	3.96e-002	7.17e-002	-2.72e-005	2.06e-006	2.36e-007	1.46e-004
363	3.96e-002	8.09e-002	-3.66e-005	2.66e-006	-1.25e-007	1.44e-004
364	3.96e-002	8.86e-002	-6.07e-005	-7.15e-006	-7.83e-008	1.42e-004
365	3.94e-002	0.37	1.79e-003	-7.02e-005	-2.39e-006	1.51e-004
366	3.94e-002	0.38	1.92e-003	-7.70e-005	-2.40e-006	1.51e-004
367	3.96e-002	0.10	-5.44e-005	-1.89e-005	-1.39e-007	1.42e-004
368	3.96e-002	0.12	-3.15e-005	-3.42e-005	-1.70e-007	1.42e-004
369	3.95e-002	0.39	2.06e-003	-8.37e-005	-2.36e-006	1.51e-004
370	3.95e-002	0.40	2.18e-003	-9.04e-005	-2.28e-006	1.51e-004
371	3.96e-002	0.14	-6.99e-006	-4.98e-005	-1.76e-007	1.42e-004
372	3.96e-002	0.15	4.03e-006	-6.43e-005	-1.77e-007	1.42e-004
373	3.95e-002	0.41	2.31e-003	-9.72e-005	-2.16e-006	1.51e-004
374	3.95e-002	0.41	2.42e-003	-1.04e-004	-1.97e-006	1.51e-004
375	3.96e-002	0.17	-2.08e-005	-7.17e-005	-1.20e-007	1.42e-004
376	3.96e-002	0.18	2.85e-006	-7.84e-005	-3.92e-007	1.42e-004
377	3.95e-002	0.42	2.53e-003	-1.10e-004	-1.80e-006	1.51e-004
378	3.95e-002	0.43	2.62e-003	-1.16e-004	-1.46e-006	1.52e-004
379	3.96e-002	0.20	6.53e-005	-8.56e-005	-5.82e-007	1.42e-004
380	3.96e-002	0.22	1.51e-004	-9.34e-005	-7.71e-007	1.42e-004
381	3.95e-002	0.44	2.69e-003	-1.18e-004	-1.31e-006	1.52e-004
382	3.96e-002	0.45	2.75e-003	-1.18e-004	-1.33e-006	1.47e-004
383	3.96e-002	0.24	2.45e-004	-1.06e-004	-8.92e-007	1.42e-004
384	3.96e-002	8.88e-002	-6.67e-005	-5.86e-006	-6.20e-007	1.44e-004
385	3.96e-002	0.10	-5.86e-005	-1.17e-005	1.85e-007	1.46e-004
386	3.96e-002	0.10	-5.43e-005	-1.89e-005	-1.24e-007	1.47e-004
387	3.96e-002	0.11	-4.38e-005	-2.65e-005	-1.13e-007	1.47e-004
388	3.96e-002	0.12	-3.15e-005	-3.42e-005	-1.75e-007	1.47e-004
389	3.96e-002	0.13	-1.89e-005	-4.20e-005	-1.24e-007	1.47e-004
390	3.96e-002	0.14	-7.18e-006	-4.97e-005	-1.60e-007	1.47e-004
391	3.96e-002	0.15	-1.15e-006	-5.73e-005	1.72e-007	1.47e-004
392	3.96e-002	0.15	1.08e-005	-6.41e-005	-7.42e-007	1.46e-004
393	3.96e-002	0.16	-8.38e-006	-6.85e-005	3.17e-007	1.44e-004
394	3.96e-002	8.90e-002	-5.71e-005	-3.92e-006	2.26e-007	1.48e-004
395	3.96e-002	0.10	-5.81e-005	-1.12e-005	5.54e-008	1.50e-004
396	3.96e-002	0.11	-5.40e-005	-1.88e-005	-1.04e-007	1.51e-004
397	3.96e-002	0.11	-4.38e-005	-2.65e-005	-1.37e-007	1.52e-004
398	3.96e-002	0.12	-3.15e-005	-3.42e-005	-1.77e-007	1.52e-004
399	3.96e-002	0.13	-1.89e-005	-4.20e-005	-1.50e-007	1.52e-004

400	3.96e-002	0.14	-7.44e-006	-4.97e-005	-1.40e-007	1.52e-004
401	3.96e-002	0.15	-1.74e-006	-5.70e-005	2.39e-008	1.51e-004
402	3.96e-002	0.16	1.49e-006	-6.36e-005	7.73e-008	1.50e-004
403	3.96e-002	0.16	-8.96e-006	-6.79e-005	5.14e-008	1.45e-004
404	3.96e-002	8.91e-002	-5.50e-005	-3.16e-006	1.40e-007	1.52e-004
405	3.96e-002	0.10	-5.84e-005	-1.10e-005	-8.01e-008	1.55e-004
406	3.96e-002	0.11	-5.35e-005	-1.87e-005	-1.36e-007	1.56e-004
407	3.96e-002	0.11	-4.36e-005	-2.65e-005	-2.14e-007	1.57e-004
408	3.96e-002	0.12	-3.15e-005	-3.42e-005	-2.43e-007	1.57e-004
409	3.96e-002	0.13	-1.90e-005	-4.20e-005	-2.26e-007	1.57e-004
410	3.96e-002	0.14	-7.94e-006	-4.96e-005	-1.66e-007	1.56e-004
411	3.96e-002	0.15	-1.32e-006	-5.69e-005	-1.15e-007	1.56e-004
412	3.96e-002	0.16	-1.54e-006	-6.35e-005	4.50e-008	1.53e-004
413	3.96e-002	0.17	-9.02e-006	-6.78e-005	4.82e-008	1.46e-004
414	3.96e-002	0.17	-2.98e-005	-7.15e-005	-8.25e-007	1.44e-004
415	3.96e-002	0.18	-1.31e-005	-7.48e-005	1.84e-008	1.44e-004
416	3.96e-002	0.19	3.09e-006	-7.83e-005	-3.74e-007	1.44e-004
417	3.96e-002	0.20	3.07e-005	-8.20e-005	-4.40e-007	1.44e-004
418	3.96e-002	0.21	6.53e-005	-8.56e-005	-5.87e-007	1.44e-004
419	3.96e-002	0.21	1.06e-004	-8.93e-005	-6.32e-007	1.44e-004
420	3.96e-002	0.22	1.51e-004	-9.31e-005	-7.53e-007	1.44e-004
421	3.96e-002	0.23	1.96e-004	-9.73e-005	-5.59e-007	1.45e-004
422	3.96e-002	0.24	2.53e-004	-1.02e-004	-1.53e-006	1.47e-004
423	3.96e-002	0.25	2.84e-004	-1.04e-004	-6.39e-007	1.41e-004
424	3.96e-002	0.17	-2.07e-005	-7.11e-005	4.66e-008	1.46e-004
425	3.96e-002	0.18	-1.21e-005	-7.47e-005	-8.33e-008	1.46e-004
426	3.96e-002	0.19	3.45e-006	-7.83e-005	-3.57e-007	1.46e-004
427	3.96e-002	0.20	3.09e-005	-8.19e-005	-4.59e-007	1.46e-004
428	3.96e-002	0.21	6.55e-005	-8.56e-005	-5.86e-007	1.46e-004
429	3.96e-002	0.22	1.06e-004	-8.92e-005	-6.51e-007	1.46e-004
430	3.96e-002	0.23	1.51e-004	-9.26e-005	-7.38e-007	1.46e-004
431	3.96e-002	0.23	1.96e-004	-9.51e-005	-6.69e-007	1.47e-004
432	3.96e-002	0.24	2.45e-004	-9.45e-005	-7.38e-007	1.47e-004
433	3.96e-002	0.25	2.89e-004	-8.92e-005	-9.35e-007	1.39e-004
434	3.96e-002	0.17	-1.72e-005	-7.10e-005	1.08e-008	1.48e-004
435	3.96e-002	0.18	-1.26e-005	-7.47e-005	-2.41e-007	1.48e-004
436	3.96e-002	0.19	4.09e-006	-7.83e-005	-3.68e-007	1.48e-004
437	3.96e-002	0.20	3.13e-005	-8.19e-005	-5.11e-007	1.48e-004
438	3.96e-002	0.21	6.58e-005	-8.56e-005	-6.32e-007	1.48e-004
439	3.95e-002	0.22	1.06e-004	-8.91e-005	-7.03e-007	1.48e-004
440	3.95e-002	0.23	1.51e-004	-9.23e-005	-7.48e-007	1.48e-004
441	3.95e-002	0.24	1.97e-004	-9.40e-005	-8.10e-007	1.47e-004
442	3.95e-002	0.25	2.42e-004	-9.10e-005	-7.52e-007	1.44e-004
443	3.95e-002	0.26	2.93e-004	-7.51e-005	-1.09e-006	1.38e-004
444	3.96e-002	0.25	3.32e-004	-1.04e-004	-1.30e-006	1.42e-004
445	3.96e-002	0.27	4.80e-004	-8.18e-005	-1.51e-006	1.42e-004
446	3.96e-002	0.28	6.63e-004	-6.58e-005	-1.67e-006	1.42e-004
447	3.96e-002	0.30	8.60e-004	-5.18e-005	-1.77e-006	1.42e-004
448	3.96e-002	0.32	1.05e-003	-4.94e-005	-1.86e-006	1.42e-004
449	3.94e-002	0.33	1.21e-003	-2.82e-005	-1.67e-006	1.52e-004
450	3.94e-002	0.34	1.31e-003	-4.08e-005	-2.01e-006	1.54e-004
451	3.94e-002	0.35	1.42e-003	-4.95e-005	-2.16e-006	1.54e-004
452	3.94e-002	0.36	1.54e-003	-5.67e-005	-2.32e-006	1.55e-004
453	3.94e-002	0.37	1.66e-003	-6.35e-005	-2.42e-006	1.55e-004
454	3.96e-002	0.33	1.20e-003	-5.05e-005	-2.05e-006	1.42e-004
455	3.96e-002	0.34	1.31e-003	-4.80e-005	-1.57e-006	1.42e-004
456	3.94e-002	0.38	1.79e-003	-7.02e-005	-2.47e-006	1.55e-004
457	3.94e-002	0.38	1.92e-003	-7.70e-005	-2.48e-006	1.55e-004
458	3.94e-002	0.39	2.06e-003	-8.37e-005	-2.45e-006	1.55e-004
459	3.94e-002	0.40	2.18e-003	-9.04e-005	-2.37e-006	1.55e-004
460	3.96e-002	0.35	1.54e-003	-5.72e-005	-2.18e-006	1.42e-004
461	3.96e-002	0.36	1.66e-003	-6.36e-005	-2.32e-006	1.42e-004
462	3.96e-002	0.38	1.92e-003	-7.70e-005	-2.37e-006	1.42e-004
463	3.96e-002	0.38	2.06e-003	-8.37e-005	-2.34e-006	1.42e-004
464	3.94e-002	0.41	2.31e-003	-9.71e-005	-2.24e-006	1.55e-004

465	3.94e-002	0.42	2.42e-003	-1.04e-004	-2.07e-006	1.55e-004
466	3.94e-002	0.43	2.52e-003	-1.10e-004	-1.84e-006	1.55e-004
467	3.95e-002	0.43	2.62e-003	-1.14e-004	-1.59e-006	1.54e-004
468	3.96e-002	0.40	2.31e-003	-9.73e-005	-2.14e-006	1.42e-004
469	3.96e-002	0.41	2.42e-003	-1.04e-004	-1.93e-006	1.42e-004
470	3.96e-002	0.42	2.62e-003	-1.20e-004	-1.19e-006	1.42e-004
471	3.96e-002	0.43	2.70e-003	-1.31e-004	-1.60e-006	1.42e-004
472	3.95e-002	0.44	2.69e-003	-1.14e-004	-1.28e-006	1.50e-004
473	3.95e-002	0.45	2.75e-003	-9.66e-005	-9.52e-007	1.48e-004
474	3.96e-002	0.26	3.26e-004	-9.87e-005	-1.87e-006	1.34e-004
475	3.96e-002	0.26	4.03e-004	-8.97e-005	-1.06e-006	1.36e-004
476	3.96e-002	0.27	4.81e-004	-8.14e-005	-1.50e-006	1.36e-004
477	3.96e-002	0.28	5.69e-004	-7.35e-005	-1.55e-006	1.37e-004
478	0.11	-9.06e-002	-1.18e-003	-5.70e-006	2.82e-006	1.52e-004
479	0.11	-1.22e-002	-1.37e-004	3.47e-006	-7.02e-007	1.39e-004
480	0.11	8.13e-002	6.10e-004	7.65e-007	8.71e-007	1.54e-004
481	0.11	0.18	5.23e-004	-5.08e-005	1.12e-006	1.68e-004
482	0.11	0.27	8.87e-004	-5.98e-005	-2.05e-006	1.26e-004
483	0.11	0.33	3.44e-003	2.14e-005	5.82e-008	1.37e-004
484	0.11	0.45	4.24e-003	2.18e-005	1.45e-006	1.49e-004
485	-6.04e-002	8.16e-002	-1.22e-003	-1.17e-006	-6.96e-007	1.48e-004
486	-5.99e-002	0.17	-4.59e-004	-5.54e-005	-1.28e-006	1.53e-004
487	-5.98e-002	0.26	-7.11e-004	-5.27e-005	4.21e-006	1.33e-004
488	3.93e-002	0.26	3.25e-004	-1.54e-005	-1.45e-006	1.32e-004
489	3.93e-002	0.33	1.16e-003	-1.42e-005	-1.09e-006	1.41e-004
490	3.94e-002	0.46	2.78e-003	-5.73e-005	-6.91e-007	1.51e-004
491	-2.84e-003	0.46	-8.47e-003	-4.11e-005	3.21e-006	1.50e-004
492	-3.20e-003	0.33	-1.78e-003	-5.38e-006	3.39e-006	1.42e-004
493	-5.89e-002	0.26	-7.28e-004	-2.16e-005	7.99e-006	1.31e-004
494	-3.16e-003	0.26	-1.05e-004	-9.79e-006	1.39e-006	1.36e-004
495	-5.89e-002	0.33	-5.18e-003	-2.53e-005	7.44e-006	1.30e-004
496	0.11	-0.19	1.26e-004	-1.67e-006	1.42e-006	1.40e-004
497	0.11	-0.13	-1.39e-004	9.65e-007	3.67e-006	1.50e-004
498	-0.23	-0.19	-4.98e-004	1.17e-006	1.29e-005	1.36e-004
499	-0.17	-0.19	-1.77e-004	3.26e-006	-1.32e-005	1.45e-004
500	-0.11	-0.19	-1.08e-003	1.31e-006	2.79e-006	1.49e-004
501	-4.90e-002	-0.19	5.90e-004	1.54e-006	-5.02e-006	1.41e-004
502	-4.31e-003	-0.19	-1.60e-004	3.61e-006	-5.44e-006	1.49e-004
503	4.03e-002	-0.19	-4.01e-004	1.89e-006	1.11e-006	1.47e-004
504	-0.23	-0.13	-5.51e-004	1.15e-005	-4.90e-006	1.41e-004
505	-0.17	-0.13	-2.09e-004	7.05e-006	-6.88e-005	1.44e-004
506	-0.11	-0.13	-8.92e-004	6.16e-006	-4.52e-006	1.48e-004
507	-4.86e-002	-0.13	6.47e-004	7.20e-006	-2.44e-005	1.43e-004
508	-3.58e-003	-0.13	-1.08e-003	5.65e-006	-7.06e-006	1.47e-004
509	-5.97e-002	0.33	-5.18e-003	-5.28e-006	5.75e-006	1.35e-004
510	1.26e-002	5.93e-002	0.00	0.00	0.00	6.37e-005
511	9.61e-003	5.28e-002	0.00	0.00	0.00	8.97e-005
512	5.87e-003	7.16e-002	0.00	0.00	0.00	1.42e-004

SPOSTAMENTI NODALI "Torcente di piano SLO" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00

13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	-2.29e-002	6.24e-004	-5.66e-004	-2.34e-005	-3.98e-005	4.94e-005
42	-2.29e-002	3.07e-002	-1.69e-004	-1.56e-004	-3.92e-006	4.94e-005
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	-3.25e-003	6.24e-004	-2.28e-005	-1.81e-005	-3.88e-006	4.94e-005
47	1.16e-002	6.24e-004	3.03e-005	-1.62e-005	2.99e-005	4.94e-005
48	3.66e-002	6.24e-004	6.16e-004	-2.09e-005	7.35e-005	4.94e-005
49	-3.25e-003	3.07e-002	-1.62e-005	-1.70e-004	2.81e-006	4.94e-005
50	1.16e-002	3.07e-002	7.42e-005	-1.70e-004	5.88e-006	4.94e-005
51	3.66e-002	3.07e-002	2.46e-004	-1.66e-004	1.00e-005	4.94e-005
52	-2.29e-002	5.78e-002	-1.98e-003	-1.12e-004	-1.87e-005	4.94e-005
53	-3.25e-003	5.77e-002	-6.11e-004	-8.31e-005	1.25e-006	4.94e-005
54	1.16e-002	5.77e-002	3.17e-004	-7.76e-005	2.10e-005	4.94e-005
55	3.58e-002	5.79e-002	1.38e-003	-2.21e-004	3.75e-005	4.94e-005
56	3.46e-002	0.10	1.80e-003	-1.65e-004	6.69e-005	4.94e-005
57	1.16e-002	0.10	1.27e-003	-1.19e-004	3.86e-005	4.94e-005
58	-3.13e-003	0.10	-3.72e-003	-1.37e-004	6.11e-006	4.94e-005
59	-0.11	-8.60e-002	-3.14e-004	1.38e-004	-1.71e-004	6.95e-005
60	-0.11	-5.96e-002	-1.70e-004	7.91e-005	-7.43e-005	6.95e-005
61	-0.11	-4.08e-002	2.40e-003	7.42e-005	-1.49e-004	6.95e-005
62	-7.56e-002	-8.60e-002	-1.01e-004	7.52e-005	-2.24e-004	6.95e-005
63	-7.56e-002	-5.96e-002	-1.40e-004	3.14e-005	-1.95e-004	6.95e-005
64	-7.56e-002	-4.08e-002	6.38e-005	3.78e-005	-2.18e-004	6.95e-005
65	-4.84e-002	-8.60e-002	-6.47e-004	8.34e-005	-9.86e-005	6.95e-005
66	-4.84e-002	-5.96e-002	-4.82e-004	4.15e-005	-5.25e-005	6.95e-005
67	-4.84e-002	-4.08e-002	8.71e-004	4.17e-005	-8.72e-005	6.95e-005
68	-1.85e-002	-8.60e-002	3.91e-004	7.62e-005	-6.21e-005	6.95e-005
69	-1.85e-002	-5.96e-002	4.65e-004	3.00e-005	-5.38e-005	6.95e-005
70	-1.85e-002	-4.08e-002	3.23e-004	3.85e-005	-6.06e-005	6.95e-005
71	2.32e-003	-8.60e-002	-8.73e-005	6.49e-005	-8.12e-007	6.95e-005
72	2.32e-003	-5.96e-002	-7.84e-004	6.13e-005	-2.95e-006	6.95e-005
73	2.32e-003	-4.08e-002	1.03e-004	3.39e-005	-3.89e-006	6.95e-005
74	2.32e-002	-8.60e-002	-2.04e-004	7.89e-005	1.69e-005	6.95e-005
75	2.32e-002	-5.96e-002	-1.44e-004	1.45e-004	5.65e-006	6.95e-005
76	2.32e-002	-4.08e-002	-3.70e-004	4.16e-005	8.07e-006	6.95e-005
77	5.86e-002	-8.60e-002	1.20e-004	1.56e-004	4.69e-005	6.95e-005

78	5.86e-002	-5.96e-002	-3.29e-005	1.63e-004	1.66e-005	6.95e-005
79	5.86e-002	-4.08e-002	-7.88e-004	7.47e-005	2.40e-005	6.95e-005
80	2.32e-003	-1.86e-003	3.24e-005	6.81e-006	5.30e-008	6.95e-005
81	2.32e-002	-1.86e-003	-5.62e-005	7.09e-006	1.15e-005	6.95e-005
82	5.86e-002	-1.86e-003	-6.21e-005	1.28e-005	3.16e-005	6.95e-005
83	-2.55e-002	4.26e-002	-7.54e-004	-7.10e-005	-3.30e-005	6.95e-005
84	-2.53e-002	8.09e-002	-3.94e-004	-2.18e-004	-9.07e-007	6.95e-005
85	-2.53e-002	0.12	-3.91e-004	-2.54e-004	-5.70e-006	6.95e-005
86	2.32e-003	4.26e-002	3.11e-004	-6.33e-005	-2.44e-006	6.95e-005
87	2.32e-002	4.26e-002	-1.64e-004	-6.22e-005	1.23e-005	6.95e-005
88	5.86e-002	4.26e-002	3.86e-004	-6.16e-005	3.47e-005	6.95e-005
89	2.32e-003	8.09e-002	-7.78e-008	-2.40e-004	3.06e-006	6.95e-005
90	2.32e-002	8.09e-002	1.28e-006	-2.40e-004	5.31e-006	6.95e-005
91	5.85e-002	8.09e-002	4.43e-004	-2.18e-004	1.04e-005	6.95e-005
92	2.32e-003	0.12	-4.16e-005	-2.61e-004	1.60e-006	6.95e-005
93	2.32e-002	0.12	1.47e-004	-2.57e-004	8.72e-006	6.95e-005
94	5.85e-002	0.12	5.50e-004	-2.62e-004	1.02e-005	6.95e-005
95	-2.53e-002	0.16	-3.37e-003	-1.75e-004	-7.98e-006	6.95e-005
96	2.32e-003	0.16	-9.73e-004	-1.38e-004	4.32e-006	6.95e-005
97	2.32e-002	0.16	4.89e-004	-1.13e-004	6.93e-006	6.95e-005
98	5.73e-002	0.16	2.18e-003	-2.75e-004	2.34e-005	6.95e-005
99	5.57e-002	0.22	2.86e-003	-2.22e-004	2.31e-005	6.95e-005
100	2.32e-002	0.22	1.94e-003	-1.40e-004	1.23e-005	6.95e-005
101	2.50e-003	0.22	-5.91e-003	-1.88e-004	4.71e-006	6.95e-005
102	-3.35e-003	1.17e-004	-1.61e-004	-3.12e-007	-5.75e-005	3.06e-006
103	-9.91e-003	2.26e-004	-2.59e-004	-2.01e-006	-7.58e-005	2.06e-005
104	-1.71e-002	2.68e-004	-3.59e-004	9.02e-007	-7.23e-005	3.97e-005
105	-5.67e-004	1.58e-004	-2.85e-005	-9.28e-007	-9.01e-006	9.44e-006
106	-1.54e-003	2.88e-004	-4.02e-005	-1.79e-006	-1.07e-005	2.15e-005
107	-2.53e-003	3.71e-004	-4.09e-005	3.55e-007	-9.59e-006	3.52e-005
108	1.62e-003	1.71e-004	3.50e-005	-1.04e-006	2.71e-005	1.00e-005
109	4.70e-003	3.06e-004	5.22e-005	-1.84e-006	3.59e-005	2.26e-005
110	8.23e-003	3.76e-004	5.61e-005	5.61e-007	3.74e-005	3.58e-005
111	5.07e-003	1.35e-004	1.69e-004	-2.87e-007	9.00e-005	-5.42e-007
112	1.54e-002	2.44e-004	2.75e-004	-2.12e-006	1.20e-004	1.81e-005
113	2.70e-002	2.64e-004	3.84e-004	1.08e-006	1.18e-004	3.97e-005
114	-8.16e-003	6.24e-004	-1.36e-004	1.20e-006	-2.23e-005	4.94e-005
115	-1.31e-002	6.24e-004	-1.52e-004	-4.07e-006	-3.69e-005	4.94e-005
116	-1.80e-002	6.24e-004	-1.93e-004	6.68e-007	-4.75e-005	4.94e-005
117	7.86e-003	6.24e-004	-2.40e-005	1.23e-006	2.38e-005	4.94e-005
118	4.15e-003	6.24e-004	8.59e-006	-3.98e-006	1.41e-005	4.94e-005
119	4.51e-004	6.24e-004	4.98e-005	1.57e-006	4.04e-006	4.94e-005
120	3.04e-002	6.24e-004	2.18e-004	-4.91e-008	8.76e-005	4.94e-005
121	2.41e-002	6.24e-004	1.61e-004	-2.85e-006	7.28e-005	4.94e-005
122	1.78e-002	6.24e-004	1.29e-004	3.79e-007	5.41e-005	4.94e-005
123	-8.50e-004	1.53e-004	1.77e-004	-9.28e-008	5.89e-005	5.12e-006
124	5.16e-003	1.52e-004	1.63e-004	9.58e-008	7.30e-005	1.89e-006
125	1.31e-002	2.57e-004	2.09e-004	-1.27e-006	9.10e-005	1.90e-005
126	2.19e-002	3.50e-004	1.63e-004	1.26e-006	9.24e-005	3.93e-005
127	-9.78e-004	1.54e-004	1.70e-004	2.87e-008	5.56e-005	-1.15e-006
128	4.39e-003	1.96e-004	1.71e-004	-4.04e-007	6.00e-005	8.14e-006
129	1.05e-002	2.93e-004	1.66e-004	-8.40e-007	6.79e-005	2.14e-005
130	1.72e-002	4.45e-004	1.61e-004	-2.08e-006	7.21e-005	3.60e-005
131	-6.07e-004	1.15e-004	1.25e-004	-7.94e-007	3.76e-005	-4.45e-006
132	3.14e-003	1.84e-004	1.20e-004	-9.34e-007	4.31e-005	1.14e-005
133	7.64e-003	3.13e-004	1.20e-004	-1.18e-006	5.12e-005	2.33e-005
134	1.27e-002	4.05e-004	1.83e-004	1.49e-006	5.42e-005	3.52e-005
135	-1.56e-004	9.21e-005	2.73e-006	-3.04e-007	8.80e-006	4.59e-007
136	1.02e-003	1.59e-004	4.80e-006	-8.10e-007	1.82e-005	5.79e-006
137	3.08e-003	2.95e-004	2.62e-005	-9.98e-007	2.47e-005	2.05e-005
138	5.52e-003	3.69e-004	-5.26e-006	1.64e-006	2.61e-005	3.64e-005
139	-1.33e-004	1.17e-004	2.82e-006	4.38e-007	6.03e-006	-1.82e-006
140	5.50e-004	1.65e-004	4.03e-006	-5.55e-007	8.84e-006	6.03e-006
141	1.56e-003	2.92e-004	5.93e-006	-8.09e-007	1.23e-005	2.00e-005
142	2.82e-003	4.29e-004	7.94e-006	-1.97e-006	1.39e-005	3.58e-005

143	-2.01e-005	8.84e-005	1.64e-006	-3.55e-007	1.31e-006	-1.55e-006
144	5.20e-005	1.54e-004	1.38e-006	-7.77e-007	-2.95e-007	6.77e-006
145	4.22e-005	2.88e-004	-1.40e-005	-1.08e-006	2.56e-007	2.04e-005
146	1.42e-004	3.59e-004	2.62e-005	1.85e-006	1.91e-006	3.59e-005
147	2.09e-004	6.82e-005	-1.01e-004	-1.09e-006	-1.72e-005	-2.58e-006
148	-1.54e-003	1.52e-004	-9.97e-005	-9.85e-007	-2.06e-005	9.57e-006
149	-3.68e-003	2.79e-004	-9.69e-005	-1.27e-006	-2.40e-005	2.14e-005
150	-5.99e-003	3.67e-004	-1.51e-004	1.48e-006	-2.39e-005	3.46e-005
151	4.16e-004	1.05e-004	-1.48e-004	1.32e-008	-2.81e-005	-1.52e-006
152	-2.40e-003	1.50e-004	-1.52e-004	-5.28e-007	-3.26e-005	7.42e-006
153	-5.80e-003	2.56e-004	-1.50e-004	-8.67e-007	-3.82e-005	2.09e-005
154	-9.49e-003	4.16e-004	-1.51e-004	-2.36e-006	-3.87e-005	3.61e-005
155	3.76e-004	1.10e-004	-1.50e-004	2.01e-007	-3.07e-005	2.30e-006
156	-3.00e-003	1.20e-004	-1.48e-004	-1.17e-007	-4.44e-005	3.32e-006
157	-7.86e-003	2.32e-004	-2.04e-004	-1.34e-006	-5.62e-005	2.05e-005
158	-1.32e-002	3.08e-004	-1.77e-004	1.33e-006	-5.48e-005	3.95e-005
159	-0.17	-0.14	-3.53e-004	4.08e-005	-5.99e-005	1.10e-004
160	-0.17	-0.10	-3.63e-004	3.31e-005	-4.39e-005	1.10e-004
161	-0.17	-6.94e-002	3.13e-003	2.13e-005	-6.49e-005	1.10e-004
162	-0.13	-0.14	-1.29e-004	2.82e-005	-5.86e-005	1.10e-004
163	-0.13	-0.10	-1.58e-004	2.72e-005	-7.48e-005	1.10e-004
164	-0.13	-6.94e-002	1.30e-004	6.61e-006	-7.21e-005	1.10e-004
165	-8.26e-002	-0.14	-8.23e-004	2.83e-005	-2.39e-005	1.10e-004
166	-8.26e-002	-0.10	-6.59e-004	2.47e-005	-1.59e-005	1.10e-004
167	-8.26e-002	-6.94e-002	1.14e-003	6.83e-006	-2.55e-005	1.10e-004
168	-3.53e-002	-0.14	4.71e-004	2.64e-005	-2.11e-005	1.10e-004
169	-3.53e-002	-0.10	5.11e-004	2.52e-005	-2.71e-005	1.10e-004
170	-3.53e-002	-6.94e-002	4.69e-004	6.65e-006	-2.53e-005	1.10e-004
171	-2.30e-003	-0.14	-1.33e-004	2.50e-005	-1.36e-006	1.10e-004
172	-2.30e-003	-0.10	-8.46e-004	2.91e-005	-2.85e-006	1.10e-004
173	-2.30e-003	-6.94e-002	2.16e-004	1.01e-005	-3.95e-006	1.10e-004
174	3.07e-002	-0.14	-3.03e-004	2.68e-005	2.69e-006	1.10e-004
175	3.07e-002	-0.10	-2.84e-004	3.46e-005	3.16e-006	1.10e-004
176	3.07e-002	-6.94e-002	-5.34e-004	1.70e-005	3.92e-006	1.10e-004
177	8.68e-002	-0.14	1.24e-004	4.22e-005	1.30e-005	1.10e-004
178	8.68e-002	-0.10	-8.25e-005	4.43e-005	7.37e-006	1.10e-004
179	8.68e-002	-6.94e-002	-9.16e-004	2.97e-005	8.45e-006	1.10e-004
180	-2.30e-003	-7.77e-003	5.18e-005	1.27e-005	-1.36e-006	1.10e-004
181	3.07e-002	-7.77e-003	-1.02e-004	1.77e-005	3.16e-006	1.10e-004
182	8.68e-002	-7.77e-003	-9.83e-005	1.10e-005	8.87e-006	1.10e-004
183	-4.63e-002	6.27e-002	-9.27e-004	-1.80e-005	-1.05e-005	1.10e-004
184	-4.60e-002	0.12	-3.57e-004	-5.66e-005	-7.40e-006	1.10e-004
185	-4.60e-002	0.19	-5.25e-004	-9.26e-005	-3.50e-006	1.10e-004
186	-2.30e-003	6.27e-002	2.43e-004	-1.07e-005	-1.54e-006	1.10e-004
187	3.07e-002	6.27e-002	-4.33e-005	-6.84e-006	3.58e-006	1.10e-004
188	8.68e-002	6.27e-002	4.59e-004	-1.97e-005	8.65e-006	1.10e-004
189	-2.30e-003	0.12	8.88e-006	-5.40e-005	-1.82e-006	1.10e-004
190	3.07e-002	0.12	-5.70e-006	-5.40e-005	4.09e-006	1.10e-004
191	8.66e-002	0.12	4.09e-004	-6.04e-005	1.10e-005	1.10e-004
192	-2.30e-003	0.19	-6.89e-005	-9.09e-005	-8.32e-007	1.10e-004
193	3.07e-002	0.19	2.16e-004	-9.60e-005	3.24e-006	1.10e-004
194	8.66e-002	0.19	6.70e-004	-1.07e-004	5.12e-006	1.10e-004
195	-4.60e-002	0.25	-3.89e-003	-6.24e-005	-7.80e-006	1.10e-004
196	-2.30e-003	0.25	-1.39e-003	-4.60e-005	1.11e-006	1.10e-004
197	3.07e-002	0.25	8.49e-004	-5.70e-005	3.29e-006	1.10e-004
198	8.46e-002	0.25	2.48e-003	-1.19e-004	1.46e-005	1.10e-004
199	8.22e-002	0.34	3.20e-003	-1.41e-004	1.61e-005	1.10e-004
200	3.07e-002	0.34	2.13e-003	-1.12e-004	3.84e-006	1.10e-004
201	-2.02e-003	0.34	-6.53e-003	-1.43e-004	-2.57e-007	1.10e-004
202	3.07e-002	-9.32e-002	-4.10e-004	1.92e-005	1.84e-006	1.10e-004
203	3.07e-002	-8.72e-002	-4.82e-004	1.32e-005	1.27e-006	1.10e-004
204	3.07e-002	-8.13e-002	-5.24e-004	1.04e-005	1.00e-006	1.10e-004
205	3.07e-002	-7.53e-002	-5.37e-004	1.03e-005	1.64e-007	1.10e-004
206	3.07e-002	-5.71e-002	-5.22e-004	7.95e-006	-2.32e-007	1.10e-004
207	3.07e-002	-4.47e-002	-4.32e-004	9.72e-006	-8.13e-007	1.10e-004

208	3.07e-002	-3.24e-002	-3.11e-004	1.25e-005	-9.55e-007	1.10e-004
209	3.07e-002	-2.01e-002	-1.90e-004	1.52e-005	-6.53e-007	1.10e-004
210	3.07e-002	6.31e-003	-6.70e-005	1.43e-005	-1.25e-007	1.10e-004
211	3.07e-002	2.04e-002	-3.46e-005	1.03e-005	-1.82e-007	1.10e-004
212	3.07e-002	3.45e-002	-1.41e-005	6.28e-006	-6.23e-008	1.10e-004
213	3.07e-002	4.86e-002	-1.25e-005	1.96e-006	2.26e-007	1.10e-004
214	3.07e-002	7.48e-002	-4.54e-005	-9.35e-006	1.95e-007	1.10e-004
215	3.07e-002	8.69e-002	-3.40e-005	-2.05e-005	-7.73e-008	1.10e-004
216	3.07e-002	0.10	-1.46e-005	-3.26e-005	-8.60e-008	1.10e-004
217	3.07e-002	0.11	-7.46e-007	-4.45e-005	1.84e-007	1.10e-004
218	3.07e-002	0.14	-1.01e-005	-5.80e-005	6.18e-008	1.10e-004
219	3.07e-002	0.15	2.38e-005	-6.36e-005	-3.33e-007	1.10e-004
220	3.07e-002	0.16	8.20e-005	-6.93e-005	-4.82e-007	1.10e-004
221	3.07e-002	0.18	1.52e-004	-7.63e-005	-3.91e-007	1.10e-004
222	3.07e-002	0.20	3.13e-004	-7.07e-005	-7.66e-007	1.10e-004
223	3.07e-002	0.21	4.41e-004	-5.71e-005	-1.19e-006	1.10e-004
224	3.07e-002	0.23	5.90e-004	-4.53e-005	-1.29e-006	1.10e-004
225	3.07e-002	0.24	7.41e-004	-3.67e-005	-1.06e-006	1.10e-004
226	3.07e-002	0.27	1.10e-003	-4.00e-005	-1.68e-006	1.10e-004
227	3.07e-002	0.29	1.39e-003	-5.45e-005	-1.83e-006	1.10e-004
228	3.07e-002	0.30	1.69e-003	-7.02e-005	-1.75e-006	1.10e-004
229	3.07e-002	0.32	1.96e-003	-8.65e-005	-1.43e-006	1.10e-004
230	3.07e-002	0.22	5.14e-004	-5.10e-005	-1.30e-006	1.06e-004
231	3.07e-002	0.23	5.90e-004	-4.52e-005	-1.30e-006	1.06e-004
232	3.07e-002	0.23	6.67e-004	-3.98e-005	-1.37e-006	1.07e-004
233	3.07e-002	0.24	7.40e-004	-3.53e-005	-1.10e-006	1.09e-004
234	3.07e-002	0.25	8.19e-004	-3.32e-005	-1.76e-006	1.12e-004
235	3.07e-002	0.25	8.67e-004	-3.29e-005	-9.88e-007	1.10e-004
236	3.07e-002	0.20	2.61e-004	-6.96e-005	-7.66e-007	1.02e-004
237	3.07e-002	0.21	3.13e-004	-6.73e-005	-9.41e-007	1.02e-004
238	3.06e-002	0.21	3.73e-004	-6.24e-005	-1.14e-006	1.02e-004
239	3.06e-002	0.22	4.41e-004	-5.68e-005	-1.22e-006	1.02e-004
240	3.06e-002	0.22	5.14e-004	-5.09e-005	-1.31e-006	1.02e-004
241	3.06e-002	0.23	5.90e-004	-4.50e-005	-1.32e-006	1.03e-004
242	3.06e-002	0.24	6.66e-004	-3.91e-005	-1.36e-006	1.03e-004
243	3.06e-002	0.24	7.40e-004	-3.28e-005	-1.23e-006	1.05e-004
244	3.06e-002	0.25	8.15e-004	-2.48e-005	-1.45e-006	1.09e-004
245	3.06e-002	0.25	8.82e-004	-1.83e-005	-1.20e-006	1.11e-004
246	3.06e-002	0.20	2.63e-004	-6.64e-005	-8.30e-007	1.03e-004
247	3.06e-002	0.21	3.13e-004	-6.61e-005	-1.07e-006	9.99e-005
248	3.06e-002	0.21	3.74e-004	-6.21e-005	-1.19e-006	9.89e-005
249	3.06e-002	0.22	4.42e-004	-5.67e-005	-1.30e-006	9.87e-005
250	3.06e-002	0.23	5.15e-004	-5.09e-005	-1.38e-006	9.87e-005
251	3.06e-002	0.23	5.90e-004	-4.49e-005	-1.40e-006	9.89e-005
252	3.06e-002	0.24	6.66e-004	-3.87e-005	-1.39e-006	9.93e-005
253	3.06e-002	0.24	7.40e-004	-3.15e-005	-1.34e-006	1.00e-004
254	3.06e-002	0.25	8.11e-004	-2.15e-005	-1.36e-006	1.03e-004
255	3.06e-002	0.25	8.99e-004	-9.93e-006	-7.63e-007	1.11e-004
256	3.07e-002	0.26	9.26e-004	-3.39e-005	-2.15e-006	1.08e-004
257	3.07e-002	0.26	1.01e-003	-3.57e-005	-1.29e-006	1.11e-004
258	3.07e-002	0.27	1.10e-003	-3.96e-005	-1.67e-006	1.13e-004
259	3.07e-002	0.28	1.19e-003	-4.43e-005	-1.70e-006	1.13e-004
260	3.07e-002	0.28	1.29e-003	-4.93e-005	-1.81e-006	1.13e-004
261	3.07e-002	0.29	1.39e-003	-5.45e-005	-1.84e-006	1.13e-004
262	3.07e-002	0.29	1.49e-003	-5.97e-005	-1.85e-006	1.13e-004
263	3.07e-002	0.30	1.59e-003	-6.49e-005	-1.82e-006	1.13e-004
264	3.07e-002	0.31	1.69e-003	-7.01e-005	-1.75e-006	1.13e-004
265	3.07e-002	0.31	1.79e-003	-7.54e-005	-1.67e-006	1.14e-004
266	3.08e-002	-0.10	-2.91e-004	1.88e-005	2.68e-006	1.12e-004
267	3.08e-002	-9.38e-002	-4.12e-004	1.57e-005	1.80e-006	1.14e-004
268	3.08e-002	-8.77e-002	-4.82e-004	1.21e-005	1.26e-006	1.13e-004
269	3.08e-002	-8.16e-002	-5.24e-004	9.65e-006	9.13e-007	1.11e-004
270	3.07e-002	-7.57e-002	-5.32e-004	8.37e-006	-2.86e-007	1.10e-004
271	3.07e-002	-6.98e-002	-5.42e-004	7.61e-006	3.90e-007	1.10e-004
272	3.09e-002	-0.10	-2.97e-004	8.39e-006	3.23e-006	1.13e-004

273	3.09e-002	-9.42e-002	-4.16e-004	9.74e-006	1.79e-006	1.15e-004
274	3.08e-002	-8.81e-002	-4.81e-004	9.96e-006	1.26e-006	1.14e-004
275	3.08e-002	-8.20e-002	-5.23e-004	8.23e-006	7.77e-007	1.13e-004
276	3.08e-002	-7.59e-002	-5.39e-004	5.34e-006	4.05e-007	1.11e-004
277	3.07e-002	-6.99e-002	-5.48e-004	2.65e-006	8.93e-008	1.11e-004
278	3.10e-002	-0.10	-3.07e-004	2.07e-006	3.79e-006	1.13e-004
279	3.09e-002	-9.45e-002	-4.12e-004	7.25e-006	1.58e-006	1.13e-004
280	3.09e-002	-8.84e-002	-4.80e-004	8.86e-006	9.47e-007	1.14e-004
281	3.08e-002	-8.22e-002	-5.21e-004	7.48e-006	4.59e-007	1.14e-004
282	3.08e-002	-7.61e-002	-5.40e-004	4.21e-006	1.60e-007	1.13e-004
283	3.07e-002	-7.00e-002	-5.54e-004	1.02e-006	-9.29e-008	1.11e-004
284	3.07e-002	-6.32e-002	-5.47e-004	9.08e-006	-3.00e-007	1.10e-004
285	3.07e-002	0.32	1.88e-003	-8.07e-005	-1.51e-006	1.14e-004
286	3.07e-002	0.32	1.96e-003	-8.61e-005	-1.42e-006	1.14e-004
287	3.07e-002	-5.09e-002	-4.84e-004	8.56e-006	-7.12e-007	1.10e-004
288	3.07e-002	-3.86e-002	-3.74e-004	1.11e-005	-9.55e-007	1.10e-004
289	3.07e-002	0.33	2.03e-003	-9.19e-005	-9.84e-007	1.15e-004
290	3.07e-002	0.34	2.10e-003	-9.84e-005	-1.65e-006	1.16e-004
291	3.07e-002	-2.63e-002	-2.47e-004	1.39e-005	-9.99e-007	1.10e-004
292	3.07e-002	-1.39e-002	-1.38e-004	1.65e-005	-8.48e-007	1.10e-004
293	3.07e-002	0.34	2.13e-003	-1.03e-004	-4.35e-007	1.13e-004
294	3.07e-002	-7.32e-004	-8.72e-005	1.61e-005	-3.77e-007	1.10e-004
295	3.06e-002	0.26	9.36e-004	-2.53e-005	-1.19e-006	1.11e-004
296	3.06e-002	0.26	1.01e-003	-3.30e-005	-1.41e-006	1.14e-004
297	3.07e-002	1.34e-002	-5.04e-005	1.23e-005	-2.92e-007	1.10e-004
298	3.07e-002	2.74e-002	-2.25e-005	8.30e-006	-1.54e-007	1.10e-004
299	3.06e-002	0.27	1.10e-003	-3.88e-005	-1.64e-006	1.16e-004
300	3.06e-002	0.28	1.19e-003	-4.41e-005	-1.72e-006	1.17e-004
301	3.07e-002	4.15e-002	-9.93e-006	4.21e-006	-4.87e-008	1.10e-004
302	3.07e-002	5.56e-002	-1.91e-005	-8.84e-007	9.83e-008	1.10e-004
303	3.06e-002	0.28	1.29e-003	-4.93e-005	-1.81e-006	1.17e-004
304	3.07e-002	-6.35e-002	-5.51e-004	7.35e-006	-6.35e-007	1.11e-004
305	3.07e-002	-5.73e-002	-5.21e-004	7.51e-006	-2.81e-007	1.10e-004
306	3.07e-002	-5.12e-002	-4.84e-004	8.44e-006	-7.12e-007	1.09e-004
307	3.07e-002	-4.51e-002	-4.32e-004	9.69e-006	-8.33e-007	1.09e-004
308	3.07e-002	-3.90e-002	-3.74e-004	1.11e-005	-9.69e-007	1.09e-004
309	3.07e-002	-3.29e-002	-3.11e-004	1.25e-005	-9.75e-007	1.09e-004
310	3.07e-002	-2.67e-002	-2.48e-004	1.38e-005	-1.00e-006	1.09e-004
311	3.07e-002	-2.06e-002	-1.90e-004	1.52e-005	-7.07e-007	1.09e-004
312	3.07e-002	-1.45e-002	-1.32e-004	1.64e-005	-1.29e-006	1.09e-004
313	3.07e-002	-8.37e-003	-1.05e-004	1.69e-005	-3.16e-007	1.10e-004
314	3.07e-002	-6.37e-002	-5.45e-004	4.56e-006	-1.98e-007	1.10e-004
315	3.07e-002	-5.76e-002	-5.20e-004	6.70e-006	-4.09e-007	1.09e-004
316	3.07e-002	-5.15e-002	-4.83e-004	8.24e-006	-7.12e-007	1.09e-004
317	3.07e-002	-4.54e-002	-4.32e-004	9.65e-006	-8.62e-007	1.08e-004
318	3.07e-002	-3.94e-002	-3.73e-004	1.10e-005	-9.82e-007	1.08e-004
319	3.07e-002	-3.33e-002	-3.11e-004	1.24e-005	-1.00e-006	1.08e-004
320	3.07e-002	-2.72e-002	-2.48e-004	1.38e-005	-9.97e-007	1.08e-004
321	3.07e-002	-2.12e-002	-1.91e-004	1.51e-005	-8.15e-007	1.08e-004
322	3.07e-002	-1.51e-002	-1.39e-004	1.61e-005	-7.07e-007	1.09e-004
323	3.07e-002	-8.95e-003	-1.06e-004	1.65e-005	-4.96e-007	1.10e-004
324	3.07e-002	-6.39e-002	-5.41e-004	3.51e-006	-2.53e-007	1.09e-004
325	3.07e-002	-5.78e-002	-5.20e-004	6.28e-006	-5.75e-007	1.08e-004
326	3.07e-002	-5.18e-002	-4.82e-004	8.12e-006	-8.11e-007	1.08e-004
327	3.06e-002	-4.58e-002	-4.32e-004	9.62e-006	-9.98e-007	1.07e-004
328	3.06e-002	-3.97e-002	-3.73e-004	1.10e-005	-1.11e-006	1.07e-004
329	3.06e-002	-3.37e-002	-3.11e-004	1.24e-005	-1.14e-006	1.07e-004
330	3.06e-002	-2.77e-002	-2.48e-004	1.38e-005	-1.10e-006	1.08e-004
331	3.06e-002	-2.17e-002	-1.91e-004	1.50e-005	-1.01e-006	1.08e-004
332	3.07e-002	-1.56e-002	-1.42e-004	1.60e-005	-8.06e-007	1.08e-004
333	3.07e-002	-9.53e-003	-1.07e-004	1.64e-005	-5.14e-007	1.10e-004
334	3.07e-002	-1.29e-003	-9.40e-005	1.60e-005	-9.03e-007	1.11e-004
335	3.07e-002	5.81e-003	-6.73e-005	1.42e-005	-1.69e-007	1.11e-004
336	3.07e-002	1.29e-002	-5.04e-005	1.23e-005	-2.77e-007	1.11e-004
337	3.07e-002	2.00e-002	-3.47e-005	1.03e-005	-1.86e-007	1.11e-004

338	3.07e-002	2.71e-002	-2.25e-005	8.30e-006	-1.54e-007	1.11e-004
339	3.07e-002	3.43e-002	-1.42e-005	6.29e-006	-6.65e-008	1.11e-004
340	3.07e-002	4.14e-002	-1.01e-005	4.25e-006	-3.37e-008	1.11e-004
341	3.07e-002	4.85e-002	-1.24e-005	2.13e-006	1.90e-007	1.11e-004
342	3.07e-002	5.56e-002	-1.30e-005	-2.38e-007	-3.70e-007	1.12e-004
343	3.07e-002	6.28e-002	-3.75e-005	-2.04e-006	3.00e-007	1.11e-004
344	3.07e-002	-1.85e-003	-8.81e-005	1.57e-005	-2.88e-007	1.12e-004
345	3.07e-002	5.32e-003	-6.68e-005	1.41e-005	-2.22e-007	1.12e-004
346	3.07e-002	1.25e-002	-5.04e-005	1.23e-005	-2.66e-007	1.12e-004
347	3.07e-002	1.97e-002	-3.48e-005	1.03e-005	-1.97e-007	1.12e-004
348	3.07e-002	2.69e-002	-2.26e-005	8.30e-006	-1.53e-007	1.12e-004
349	3.07e-002	3.40e-002	-1.43e-005	6.30e-006	-7.68e-008	1.12e-004
350	3.07e-002	4.12e-002	-1.02e-005	4.32e-006	-2.30e-008	1.12e-004
351	3.07e-002	4.84e-002	-1.30e-005	2.44e-006	1.27e-007	1.12e-004
352	3.07e-002	5.56e-002	-1.89e-005	1.06e-006	1.80e-007	1.13e-004
353	3.07e-002	6.28e-002	-3.30e-005	7.44e-007	1.04e-007	1.12e-004
354	3.07e-002	-2.39e-002	-8.62e-005	1.56e-005	-3.12e-007	1.12e-004
355	3.07e-002	4.82e-003	-6.77e-005	1.41e-005	-3.25e-007	1.13e-004
356	3.07e-002	1.21e-002	-5.05e-005	1.23e-005	-2.59e-007	1.13e-004
357	3.07e-002	1.93e-002	-3.49e-005	1.03e-005	-2.15e-007	1.13e-004
358	3.07e-002	2.66e-002	-2.28e-005	8.30e-006	-1.68e-007	1.13e-004
359	3.07e-002	3.38e-002	-1.45e-005	6.31e-006	-9.50e-008	1.13e-004
360	3.07e-002	4.11e-002	-1.06e-005	4.36e-006	-1.63e-008	1.13e-004
361	3.07e-002	4.83e-002	-1.27e-005	2.61e-006	4.01e-008	1.13e-004
362	3.07e-002	5.56e-002	-2.11e-005	1.60e-006	1.83e-007	1.13e-004
363	3.07e-002	6.27e-002	-2.84e-005	2.06e-006	-9.72e-008	1.12e-004
364	3.07e-002	6.87e-002	-4.71e-005	-5.54e-006	-6.07e-008	1.10e-004
365	3.06e-002	0.29	1.39e-003	-5.45e-005	-1.85e-006	1.17e-004
366	3.06e-002	0.30	1.49e-003	-5.97e-005	-1.86e-006	1.17e-004
367	3.07e-002	8.08e-002	-4.22e-005	-1.47e-005	-1.08e-007	1.10e-004
368	3.07e-002	9.29e-002	-2.44e-005	-2.66e-005	-1.32e-007	1.10e-004
369	3.06e-002	0.30	1.59e-003	-6.49e-005	-1.83e-006	1.17e-004
370	3.06e-002	0.31	1.69e-003	-7.01e-005	-1.77e-006	1.17e-004
371	3.07e-002	0.11	-5.42e-006	-3.86e-005	-1.36e-007	1.10e-004
372	3.07e-002	0.12	3.13e-006	-4.99e-005	-1.37e-007	1.10e-004
373	3.06e-002	0.31	1.79e-003	-7.53e-005	-1.67e-006	1.17e-004
374	3.06e-002	0.32	1.88e-003	-8.05e-005	-1.53e-006	1.17e-004
375	3.07e-002	0.13	-1.61e-005	-5.56e-005	-9.27e-008	1.10e-004
376	3.07e-002	0.14	2.21e-006	-6.08e-005	-3.04e-007	1.10e-004
377	3.06e-002	0.33	1.96e-003	-8.55e-005	-1.40e-006	1.17e-004
378	3.06e-002	0.33	2.03e-003	-8.97e-005	-1.13e-006	1.18e-004
379	3.07e-002	0.16	5.06e-005	-6.64e-005	-4.52e-007	1.10e-004
380	3.07e-002	0.17	1.17e-004	-7.24e-005	-5.98e-007	1.10e-004
381	3.07e-002	0.34	2.09e-003	-9.18e-005	-1.02e-006	1.18e-004
382	3.07e-002	0.35	2.13e-003	-9.15e-005	-1.03e-006	1.14e-004
383	3.07e-002	0.18	1.90e-004	-8.25e-005	-6.91e-007	1.10e-004
384	3.07e-002	6.89e-002	-5.17e-005	-4.55e-006	-4.81e-007	1.12e-004
385	3.07e-002	7.51e-002	-4.54e-005	-9.11e-006	1.44e-007	1.13e-004
386	3.07e-002	8.13e-002	-4.21e-005	-1.46e-005	-9.60e-008	1.14e-004
387	3.07e-002	8.76e-002	-3.40e-005	-2.05e-005	-8.77e-008	1.14e-004
388	3.07e-002	9.38e-002	-2.44e-005	-2.65e-005	-1.35e-007	1.14e-004
389	3.07e-002	0.10	-1.46e-005	-3.26e-005	-9.63e-008	1.14e-004
390	3.07e-002	0.11	-5.57e-006	-3.86e-005	-1.24e-007	1.14e-004
391	3.07e-002	0.11	-8.94e-007	-4.44e-005	1.34e-007	1.14e-004
392	3.07e-002	0.12	8.40e-006	-4.97e-005	-5.75e-007	1.13e-004
393	3.07e-002	0.13	-6.50e-006	-5.31e-005	2.46e-007	1.11e-004
394	3.07e-002	6.90e-002	-4.43e-005	-3.04e-006	1.75e-007	1.15e-004
395	3.07e-002	7.54e-002	-4.50e-005	-8.72e-006	4.30e-008	1.17e-004
396	3.07e-002	8.18e-002	-4.19e-005	-1.46e-005	-8.06e-008	1.17e-004
397	3.07e-002	8.83e-002	-3.40e-005	-2.05e-005	-1.07e-007	1.18e-004
398	3.07e-002	9.48e-002	-2.44e-005	-2.65e-005	-1.37e-007	1.18e-004
399	3.07e-002	0.10	-1.46e-005	-3.26e-005	-1.16e-007	1.18e-004
400	3.07e-002	0.11	-5.77e-006	-3.85e-005	-1.09e-007	1.18e-004
401	3.07e-002	0.11	-1.35e-006	-4.42e-005	1.86e-008	1.17e-004
402	3.07e-002	0.12	1.15e-006	-4.94e-005	6.00e-008	1.16e-004

403	3.07e-002	0.13	-6.95e-006	-5.27e-005	3.99e-008	1.13e-004
404	3.07e-002	6.91e-002	-4.26e-005	-2.45e-006	1.09e-007	1.18e-004
405	3.07e-002	7.57e-002	-4.53e-005	-8.51e-006	-6.21e-008	1.20e-004
406	3.07e-002	8.23e-002	-4.15e-005	-1.45e-005	-1.05e-007	1.21e-004
407	3.07e-002	8.90e-002	-3.38e-005	-2.05e-005	-1.66e-007	1.21e-004
408	3.07e-002	0.10	-2.44e-005	-2.65e-005	-1.88e-007	1.22e-004
409	3.07e-002	0.10	-1.47e-005	-3.25e-005	-1.75e-007	1.22e-004
410	3.07e-002	0.11	-6.15e-006	-3.85e-005	-1.29e-007	1.21e-004
411	3.07e-002	0.12	-1.02e-006	-4.42e-005	-8.88e-008	1.21e-004
412	3.07e-002	0.12	-1.20e-006	-4.92e-005	3.49e-008	1.19e-004
413	3.07e-002	0.13	-6.99e-006	-5.25e-005	3.73e-008	1.14e-004
414	3.07e-002	0.13	-2.31e-005	-5.54e-005	-6.40e-007	1.11e-004
415	3.07e-002	0.14	-1.02e-005	-5.80e-005	1.42e-008	1.12e-004
416	3.07e-002	0.15	2.40e-006	-6.08e-005	-2.90e-007	1.12e-004
417	3.07e-002	0.15	2.38e-005	-6.36e-005	-3.42e-007	1.12e-004
418	3.07e-002	0.16	5.07e-005	-6.64e-005	-4.55e-007	1.12e-004
419	3.07e-002	0.17	8.21e-005	-6.92e-005	-4.90e-007	1.12e-004
420	3.07e-002	0.17	1.17e-004	-7.22e-005	-5.84e-007	1.12e-004
421	3.07e-002	0.18	1.52e-004	-7.54e-005	-4.33e-007	1.13e-004
422	3.07e-002	0.19	1.96e-004	-7.95e-005	-1.18e-006	1.14e-004
423	3.07e-002	0.19	2.21e-004	-8.08e-005	-4.95e-007	1.09e-004
424	3.07e-002	0.13	-1.61e-005	-5.51e-005	3.62e-008	1.13e-004
425	3.07e-002	0.14	-9.41e-006	-5.79e-005	-6.46e-008	1.13e-004
426	3.07e-002	0.15	2.67e-006	-6.07e-005	-2.77e-007	1.13e-004
427	3.07e-002	0.15	2.39e-005	-6.35e-005	-3.56e-007	1.13e-004
428	3.07e-002	0.16	5.08e-005	-6.64e-005	-4.54e-007	1.13e-004
429	3.07e-002	0.17	8.22e-005	-6.91e-005	-5.05e-007	1.13e-004
430	3.07e-002	0.18	1.17e-004	-7.18e-005	-5.72e-007	1.14e-004
431	3.07e-002	0.18	1.52e-004	-7.38e-005	-5.19e-007	1.14e-004
432	3.07e-002	0.19	1.90e-004	-7.33e-005	-5.72e-007	1.14e-004
433	3.07e-002	0.20	2.24e-004	-6.92e-005	-7.25e-007	1.08e-004
434	3.07e-002	0.14	-1.33e-005	-5.50e-005	8.40e-009	1.14e-004
435	3.07e-002	0.14	-9.79e-006	-5.79e-005	-1.87e-007	1.15e-004
436	3.07e-002	0.15	3.17e-006	-6.07e-005	-2.85e-007	1.15e-004
437	3.07e-002	0.16	2.43e-005	-6.35e-005	-3.96e-007	1.15e-004
438	3.07e-002	0.16	5.11e-005	-6.63e-005	-4.90e-007	1.15e-004
439	3.07e-002	0.17	8.24e-005	-6.91e-005	-5.45e-007	1.15e-004
440	3.07e-002	0.18	1.17e-004	-7.15e-005	-5.80e-007	1.15e-004
441	3.07e-002	0.18	1.53e-004	-7.29e-005	-6.28e-007	1.14e-004
442	3.07e-002	0.19	1.88e-004	-7.06e-005	-5.83e-007	1.11e-004
443	3.07e-002	0.20	2.28e-004	-5.82e-005	-8.44e-007	1.07e-004
444	3.07e-002	0.20	2.58e-004	-8.03e-005	-1.01e-006	1.10e-004
445	3.07e-002	0.21	3.73e-004	-6.34e-005	-1.17e-006	1.10e-004
446	3.07e-002	0.22	5.14e-004	-5.11e-005	-1.30e-006	1.10e-004
447	3.07e-002	0.23	6.67e-004	-4.02e-005	-1.37e-006	1.10e-004
448	3.07e-002	0.24	8.14e-004	-3.83e-005	-1.44e-006	1.10e-004
449	3.06e-002	0.26	9.38e-004	-2.18e-005	-1.29e-006	1.18e-004
450	3.06e-002	0.27	1.01e-003	-3.17e-005	-1.56e-006	1.19e-004
451	3.05e-002	0.27	1.10e-003	-3.84e-005	-1.68e-006	1.20e-004
452	3.05e-002	0.28	1.19e-003	-4.40e-005	-1.80e-006	1.20e-004
453	3.05e-002	0.28	1.29e-003	-4.92e-005	-1.88e-006	1.20e-004
454	3.07e-002	0.26	9.32e-004	-3.92e-005	-1.59e-006	1.10e-004
455	3.07e-002	0.26	1.01e-003	-3.72e-005	-1.22e-006	1.10e-004
456	3.05e-002	0.29	1.39e-003	-5.45e-005	-1.92e-006	1.20e-004
457	3.05e-002	0.30	1.49e-003	-5.97e-005	-1.93e-006	1.20e-004
458	3.05e-002	0.30	1.59e-003	-6.49e-005	-1.90e-006	1.20e-004
459	3.05e-002	0.31	1.69e-003	-7.01e-005	-1.83e-006	1.20e-004
460	3.07e-002	0.27	1.19e-003	-4.44e-005	-1.69e-006	1.10e-004
461	3.07e-002	0.28	1.29e-003	-4.93e-005	-1.80e-006	1.10e-004
462	3.07e-002	0.29	1.49e-003	-5.97e-005	-1.84e-006	1.10e-004
463	3.07e-002	0.30	1.59e-003	-6.49e-005	-1.81e-006	1.10e-004
464	3.05e-002	0.32	1.79e-003	-7.53e-005	-1.74e-006	1.20e-004
465	3.06e-002	0.32	1.88e-003	-8.04e-005	-1.60e-006	1.20e-004
466	3.06e-002	0.33	1.96e-003	-8.51e-005	-1.43e-006	1.20e-004
467	3.06e-002	0.34	2.03e-003	-8.86e-005	-1.24e-006	1.19e-004

468	3.07e-002	0.31	1.79e-003	-7.54e-005	-1.66e-006	1.10e-004
469	3.07e-002	0.31	1.88e-003	-8.08e-005	-1.49e-006	1.10e-004
470	3.07e-002	0.33	2.03e-003	-9.29e-005	-9.19e-007	1.10e-004
471	3.07e-002	0.33	2.09e-003	-1.01e-004	-1.24e-006	1.10e-004
472	3.06e-002	0.34	2.09e-003	-8.82e-005	-9.96e-007	1.17e-004
473	3.06e-002	0.35	2.13e-003	-7.49e-005	-7.38e-007	1.15e-004
474	3.07e-002	0.20	2.53e-004	-7.65e-005	-1.45e-006	1.04e-004
475	3.07e-002	0.20	3.13e-004	-6.95e-005	-8.23e-007	1.05e-004
476	3.07e-002	0.21	3.73e-004	-6.31e-005	-1.16e-006	1.06e-004
477	3.07e-002	0.22	4.41e-004	-5.70e-005	-1.20e-006	1.06e-004
478	8.89e-002	-7.03e-002	-9.17e-004	-4.42e-006	2.19e-006	1.18e-004
479	8.88e-002	-9.45e-003	-1.06e-004	2.69e-006	-5.44e-007	1.08e-004
480	8.87e-002	6.30e-002	4.73e-004	5.93e-007	6.75e-007	1.20e-004
481	8.84e-002	0.14	4.06e-004	-3.94e-005	8.69e-007	1.30e-004
482	8.83e-002	0.21	6.87e-004	-4.63e-005	-1.59e-006	9.78e-005
483	8.68e-002	0.26	2.67e-003	1.66e-005	4.51e-008	1.06e-004
484	8.42e-002	0.35	3.29e-003	1.69e-005	1.12e-006	1.15e-004
485	-4.68e-002	6.33e-002	-9.50e-004	-9.05e-007	-5.39e-007	1.15e-004
486	-4.64e-002	0.13	-3.56e-004	-4.29e-005	-9.94e-007	1.18e-004
487	-4.63e-002	0.20	-5.52e-004	-4.08e-005	3.26e-006	1.03e-004
488	3.05e-002	0.20	2.52e-004	-1.20e-005	-1.13e-006	1.02e-004
489	3.05e-002	0.25	9.00e-004	-1.10e-005	-8.48e-007	1.10e-004
490	3.06e-002	0.36	2.15e-003	-4.44e-005	-5.36e-007	1.17e-004
491	-2.20e-003	0.36	-6.57e-003	-3.19e-005	2.49e-006	1.17e-004
492	-2.48e-003	0.25	-1.38e-003	-4.17e-006	2.63e-006	1.10e-004
493	-4.57e-002	0.20	-5.65e-004	-1.67e-005	6.20e-006	1.01e-004
494	-2.45e-003	0.20	-8.11e-005	-7.59e-006	1.07e-006	1.06e-004
495	-4.57e-002	0.25	-4.02e-003	-1.96e-005	5.77e-006	1.01e-004
496	8.91e-002	-0.14	9.74e-005	-1.29e-006	1.10e-006	1.08e-004
497	8.90e-002	-0.10	-1.08e-004	7.48e-007	2.85e-006	1.16e-004
498	-0.17	-0.14	-3.87e-004	9.08e-007	1.00e-005	1.06e-004
499	-0.13	-0.14	-1.37e-004	2.53e-006	-1.03e-005	1.13e-004
500	-8.37e-002	-0.14	-8.39e-004	1.01e-006	2.16e-006	1.16e-004
501	-3.80e-002	-0.14	4.57e-004	1.19e-006	-3.89e-006	1.10e-004
502	-3.34e-003	-0.14	-1.24e-004	2.80e-006	-4.22e-006	1.16e-004
503	3.12e-002	-0.14	-3.11e-004	1.47e-006	8.63e-007	1.14e-004
504	-0.17	-0.10	-4.27e-004	8.94e-006	-3.80e-006	1.10e-004
505	-0.13	-0.10	-1.62e-004	5.47e-006	-5.33e-005	1.11e-004
506	-8.35e-002	-0.10	-6.92e-004	4.78e-006	-3.50e-006	1.15e-004
507	-3.77e-002	-0.10	5.02e-004	5.58e-006	-1.89e-005	1.11e-004
508	-2.78e-003	-0.10	-8.34e-004	4.38e-006	-5.47e-006	1.14e-004
509	-4.63e-002	0.25	-4.01e-003	-4.09e-006	4.46e-006	1.05e-004
510	9.76e-003	4.60e-002	0.00	0.00	0.00	4.94e-005
511	7.45e-003	4.09e-002	0.00	0.00	0.00	6.95e-005
512	4.55e-003	5.55e-002	0.00	0.00	0.00	1.10e-004

SPOSTAMENTI NODALI "Accidentale balconi" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00

16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	3.93e-004	-1.98e-004	9.06e-005	4.80e-007	6.56e-007	3.17e-007
42	3.93e-004	-4.06e-006	3.57e-006	2.58e-007	6.87e-008	3.17e-007
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	5.20e-004	-1.98e-004	8.69e-007	4.04e-007	9.30e-007	3.17e-007
47	6.15e-004	-1.98e-004	-9.16e-005	6.81e-007	1.28e-006	3.17e-007
48	7.76e-004	-1.98e-004	-1.32e-003	7.10e-006	3.86e-005	3.17e-007
49	5.20e-004	-4.06e-006	-1.79e-006	3.32e-007	-1.05e-007	3.17e-007
50	6.15e-004	-4.06e-006	-1.90e-005	4.29e-007	4.84e-008	3.17e-007
51	7.76e-004	-4.06e-006	-4.29e-003	-1.54e-006	-4.86e-006	3.17e-007
52	3.93e-004	1.70e-004	1.44e-005	1.26e-007	2.15e-007	3.17e-007
53	5.20e-004	1.69e-004	1.18e-005	3.82e-008	1.45e-007	3.17e-007
54	6.15e-004	1.69e-004	-6.85e-005	1.50e-006	-1.07e-006	3.17e-007
55	7.70e-004	1.70e-004	-2.23e-003	1.30e-006	-3.29e-005	3.17e-007
56	7.63e-004	4.24e-004	-1.22e-003	1.23e-006	1.76e-005	3.17e-007
57	6.15e-004	4.23e-004	-3.71e-005	8.98e-007	2.69e-006	3.17e-007
58	5.20e-004	4.24e-004	2.93e-005	4.55e-008	7.87e-007	3.17e-007
59	2.78e-004	-9.78e-005	6.64e-006	1.64e-007	5.46e-007	-7.47e-008
60	2.78e-004	-1.26e-004	5.39e-006	2.23e-007	2.44e-007	-7.47e-008
61	2.78e-004	-1.46e-004	-4.35e-006	3.39e-007	4.78e-007	-7.47e-008
62	2.46e-004	-9.78e-005	1.66e-007	8.65e-008	7.77e-007	-7.47e-008
63	2.46e-004	-1.26e-004	-2.05e-008	8.96e-008	6.75e-007	-7.47e-008
64	2.46e-004	-1.46e-004	-7.37e-007	1.91e-007	7.54e-007	-7.47e-008
65	2.17e-004	-9.78e-005	1.74e-006	9.24e-008	3.99e-007	-7.47e-008
66	2.17e-004	-1.26e-004	1.09e-006	1.13e-007	2.10e-007	-7.47e-008
67	2.17e-004	-1.46e-004	-3.80e-006	2.07e-007	3.51e-007	-7.47e-008
68	1.85e-004	-9.78e-005	1.85e-006	8.75e-008	3.98e-007	-7.47e-008
69	1.85e-004	-1.26e-004	1.48e-006	8.75e-008	3.42e-007	-7.47e-008
70	1.85e-004	-1.46e-004	1.53e-006	1.99e-007	3.81e-007	-7.47e-008
71	1.62e-004	-9.78e-005	4.21e-006	3.17e-008	1.32e-007	-7.47e-008
72	1.62e-004	-1.26e-004	-7.99e-007	1.51e-007	1.30e-008	-7.47e-008
73	1.62e-004	-1.46e-004	6.42e-006	6.64e-008	3.62e-008	-7.47e-008
74	1.40e-004	-9.78e-005	-1.04e-005	5.23e-007	6.09e-007	-7.47e-008
75	1.40e-004	-1.26e-004	-1.26e-005	7.31e-007	-8.80e-008	-7.47e-008
76	1.40e-004	-1.46e-004	-2.35e-005	1.32e-006	1.37e-007	-7.47e-008
77	1.02e-004	-9.78e-005	-7.06e-004	8.11e-007	1.74e-005	-7.47e-008
78	1.02e-004	-1.26e-004	-1.27e-003	7.64e-007	-8.18e-006	-7.47e-008
79	1.02e-004	-1.46e-004	-1.64e-003	1.85e-006	1.58e-005	-7.47e-008
80	1.62e-004	-1.88e-004	6.90e-007	7.56e-007	3.87e-008	-7.47e-008

81 1.40e-004 -1.88e-004 -5.11e-006 1.20e-006 -1.62e-008 -7.47e-008
82 1.02e-004 -1.88e-004 -2.48e-003 1.04e-006 6.93e-006 -7.47e-008
83 1.92e-004 -2.36e-004 9.49e-006 6.29e-007 1.10e-007 -7.47e-008
84 1.92e-004 -2.77e-004 8.52e-005 9.49e-007 -1.60e-007 -7.47e-008
85 1.92e-004 -3.22e-004 7.89e-006 1.57e-006 2.09e-008 -7.47e-008
86 1.62e-004 -2.36e-004 4.69e-006 5.59e-007 1.29e-007 -7.47e-008
87 1.40e-004 -2.36e-004 -3.57e-005 2.92e-006 1.19e-007 -7.47e-008
88 1.02e-004 -2.36e-004 -2.39e-003 2.40e-006 -1.03e-005 -7.47e-008
89 1.62e-004 -2.77e-004 2.43e-007 7.57e-007 -3.49e-007 -7.47e-008
90 1.40e-004 -2.77e-004 -8.74e-005 9.67e-007 -4.50e-007 -7.47e-008
91 1.02e-004 -2.77e-004 -3.70e-003 -2.07e-007 1.10e-005 -7.47e-008
92 1.62e-004 -3.22e-004 -1.27e-006 1.39e-006 -2.04e-007 -7.47e-008
93 1.40e-004 -3.22e-004 -2.72e-005 1.73e-006 -4.53e-007 -7.47e-008
94 1.02e-004 -3.22e-004 -6.34e-003 -2.39e-007 -1.52e-005 -7.47e-008
95 1.92e-004 -3.63e-004 3.19e-005 1.30e-006 -1.88e-007 -7.47e-008
96 1.62e-004 -3.63e-004 1.79e-005 7.09e-007 -1.65e-007 -7.47e-008
97 1.40e-004 -3.63e-004 -1.25e-004 3.70e-006 9.41e-007 -7.47e-008
98 1.03e-004 -3.64e-004 -3.72e-003 2.20e-006 3.72e-005 -7.47e-008
99 1.05e-004 -4.23e-004 -2.67e-003 6.40e-006 -1.03e-004 -7.47e-008
100 1.40e-004 -4.23e-004 -6.62e-005 2.57e-006 -5.97e-006 -7.47e-008
101 1.62e-004 -4.23e-004 5.99e-005 1.25e-006 -9.29e-007 -7.47e-008
102 5.67e-005 -5.23e-005 4.62e-005 3.53e-007 9.80e-007 1.86e-007
103 1.69e-004 -9.54e-005 7.24e-005 4.82e-007 1.31e-006 1.72e-007
104 2.95e-004 -1.46e-004 8.67e-005 5.39e-007 1.25e-006 1.54e-007
105 7.82e-005 -4.91e-005 -3.15e-007 4.16e-007 1.29e-006 5.45e-008
106 2.24e-004 -9.31e-005 -1.62e-008 3.69e-007 1.69e-006 1.33e-007
107 3.86e-004 -1.43e-004 5.16e-007 4.45e-007 1.64e-006 2.30e-007
108 7.09e-005 -3.72e-007 -5.24e-005 5.53e-007 1.29e-006 -2.73e-007
109 2.27e-004 -5.64e-005 -7.74e-005 6.04e-007 1.97e-006 -3.47e-007
110 4.30e-004 -1.24e-004 -8.90e-005 7.13e-007 2.18e-006 -1.31e-007
111 -4.69e-004 1.17e-004 -3.18e-004 -1.97e-006 -7.50e-006 -1.30e-006
112 -1.13e-003 1.43e-004 -6.00e-004 8.19e-007 -4.93e-006 -4.65e-006
113 -1.13e-003 4.85e-005 -9.02e-004 2.14e-006 7.08e-006 -6.35e-006
114 4.88e-004 -1.98e-004 1.84e-005 3.31e-007 1.32e-006 3.17e-007
115 4.56e-004 -1.98e-004 3.48e-005 3.68e-007 1.31e-006 3.17e-007
116 4.25e-004 -1.98e-004 5.62e-005 3.86e-007 1.16e-006 3.17e-007
117 5.91e-004 -1.98e-004 -5.68e-005 5.26e-007 1.60e-006 3.17e-007
118 5.67e-004 -1.98e-004 -3.24e-005 4.79e-007 1.54e-006 3.17e-007
119 5.43e-004 -1.98e-004 -1.44e-005 3.84e-007 1.40e-006 3.17e-007
120 7.36e-004 -1.98e-004 -5.42e-004 1.58e-006 1.26e-005 3.17e-007
121 6.95e-004 -1.98e-004 -3.41e-004 1.57e-006 5.89e-006 3.17e-007
122 6.55e-004 -1.98e-004 -1.96e-004 9.98e-007 3.17e-006 3.17e-007
123 -1.85e-005 6.00e-005 -4.40e-004 -2.36e-007 -3.17e-006 5.17e-008
124 -3.20e-004 1.17e-004 -4.20e-004 -9.93e-007 -3.28e-006 -1.30e-006
125 -5.47e-004 1.13e-004 -4.97e-004 1.04e-006 -6.81e-007 -4.42e-006
126 -2.88e-004 9.38e-006 -5.54e-004 2.00e-006 6.89e-006 -5.85e-006
127 -3.61e-005 1.53e-004 -3.63e-004 1.38e-006 -1.16e-006 -3.51e-008
128 -1.29e-004 8.02e-005 -3.65e-004 8.32e-007 -5.48e-007 -1.37e-006
129 -1.03e-004 3.27e-005 -3.52e-004 9.85e-007 1.52e-006 -2.58e-006
130 1.72e-004 -6.84e-005 -3.42e-004 1.22e-006 4.39e-006 -2.30e-006
131 -2.10e-005 1.44e-004 -1.96e-004 1.58e-006 1.90e-007 -1.92e-007
132 1.12e-005 3.40e-005 -1.85e-004 1.08e-006 7.34e-007 -7.80e-007
133 1.30e-004 -2.90e-005 -1.95e-004 9.74e-007 1.88e-006 -1.24e-006
134 3.58e-004 -1.04e-004 -1.96e-004 1.01e-006 2.84e-006 -9.54e-007
135 -7.85e-006 -1.01e-005 -3.69e-005 -3.24e-007 7.82e-007 6.77e-008
136 8.73e-005 -1.98e-005 -3.76e-005 9.72e-008 1.35e-006 -1.90e-007
137 2.42e-004 -6.71e-005 -4.83e-005 4.05e-007 1.87e-006 -8.14e-008
138 4.26e-004 -1.30e-004 -5.48e-005 5.11e-007 1.95e-006 1.99e-007
139 -1.18e-005 -1.11e-005 -3.44e-005 1.41e-007 9.36e-007 1.06e-008
140 9.30e-005 -3.31e-005 -3.33e-005 3.16e-007 1.33e-006 1.29e-008
141 2.42e-004 -7.71e-005 -3.12e-005 4.05e-007 1.75e-006 6.43e-008
142 4.11e-004 -1.35e-004 -3.18e-005 4.73e-007 1.76e-006 1.89e-007
143 -8.77e-006 -9.06e-006 -1.86e-005 2.75e-007 7.96e-007 -7.30e-008
144 8.64e-005 -4.07e-005 -1.75e-005 3.69e-007 1.33e-006 1.60e-007
145 2.34e-004 -8.68e-005 -1.58e-005 3.13e-007 1.73e-006 1.28e-007

146	3.99e-004	-1.40e-004	-1.46e-005	3.94e-007	1.70e-006	1.32e-007
147	-1.28e-005	-2.93e-005	1.94e-005	1.90e-007	8.57e-007	9.57e-008
148	8.05e-005	-5.41e-005	1.91e-005	3.37e-007	1.20e-006	-6.30e-008
149	2.12e-004	-9.71e-005	1.87e-005	2.70e-007	1.52e-006	1.14e-007
150	3.57e-004	-1.45e-004	1.82e-005	3.43e-007	1.49e-006	3.19e-007
151	-1.63e-005	-4.12e-005	3.05e-005	-3.82e-008	9.67e-007	-2.27e-008
152	8.09e-005	-5.88e-005	3.16e-005	2.30e-007	1.13e-006	3.44e-008
153	2.00e-004	-9.66e-005	3.20e-005	3.05e-007	1.34e-006	1.28e-007
154	3.30e-004	-1.45e-004	3.38e-005	3.72e-007	1.37e-006	2.32e-007
155	-1.01e-005	-3.97e-005	3.40e-005	-3.99e-008	7.78e-007	-9.77e-008
156	7.28e-005	-5.17e-005	3.37e-005	2.04e-007	1.04e-006	1.43e-007
157	1.86e-004	-9.58e-005	4.56e-005	2.86e-007	1.30e-006	1.53e-007
158	3.10e-004	-1.45e-004	5.35e-005	3.77e-007	1.29e-006	1.54e-007
159	5.62e-004	-1.73e-004	9.89e-006	2.58e-007	2.80e-007	-2.83e-007
160	5.62e-004	-2.81e-004	7.80e-006	1.62e-007	1.85e-007	-2.83e-007
161	5.62e-004	-3.57e-004	-5.81e-006	1.00e-007	2.89e-007	-2.83e-007
162	4.40e-004	-1.73e-004	3.20e-007	1.70e-007	2.49e-007	-2.83e-007
163	4.40e-004	-2.81e-004	1.43e-007	1.22e-007	3.12e-007	-2.83e-007
164	4.40e-004	-3.57e-004	-1.24e-006	4.29e-008	3.06e-007	-2.83e-007
165	3.30e-004	-1.73e-004	1.96e-006	1.70e-007	6.93e-008	-2.83e-007
166	3.30e-004	-2.81e-004	1.36e-006	1.10e-007	5.18e-008	-2.83e-007
167	3.30e-004	-3.57e-004	-4.83e-006	5.85e-008	7.78e-008	-2.83e-007
168	2.08e-004	-1.73e-004	3.49e-006	1.73e-007	-1.93e-008	-2.83e-007
169	2.08e-004	-2.81e-004	1.82e-006	1.01e-007	-3.51e-008	-2.83e-007
170	2.08e-004	-3.57e-004	2.63e-006	1.39e-008	-3.11e-008	-2.83e-007
171	1.23e-004	-1.73e-004	5.49e-006	1.47e-007	-1.50e-008	-2.83e-007
172	1.23e-004	-2.81e-004	-1.21e-007	1.22e-007	-2.40e-008	-2.83e-007
173	1.23e-004	-3.57e-004	9.45e-006	6.94e-008	-2.04e-008	-2.83e-007
174	3.80e-005	-1.73e-004	-2.04e-005	5.43e-007	-1.15e-007	-2.83e-007
175	3.80e-005	-2.81e-004	-1.99e-005	8.68e-008	2.16e-008	-2.83e-007
176	3.80e-005	-3.57e-004	-3.33e-005	5.88e-007	-5.39e-008	-2.83e-007
177	-1.06e-004	-1.73e-004	-7.14e-004	8.32e-007	-4.95e-007	-2.83e-007
178	-1.06e-004	-2.81e-004	-1.26e-003	1.01e-006	1.91e-006	-2.83e-007
179	-1.06e-004	-3.57e-004	-1.64e-003	1.61e-006	5.06e-007	-2.83e-007
180	1.23e-004	-5.16e-004	9.99e-007	6.71e-007	-1.65e-008	-2.83e-007
181	3.80e-005	-5.16e-004	-9.50e-006	6.91e-007	-5.82e-008	-2.83e-007
182	-1.06e-004	-5.16e-004	-2.46e-003	1.63e-006	-8.47e-009	-2.83e-007
183	2.36e-004	-6.97e-004	1.42e-005	4.80e-007	-8.30e-008	-2.83e-007
184	2.35e-004	-8.53e-004	8.23e-005	1.33e-006	1.47e-008	-2.83e-007
185	2.35e-004	-1.03e-003	1.12e-005	1.39e-006	3.48e-008	-2.83e-007
186	1.23e-004	-6.97e-004	1.40e-005	3.78e-007	-2.66e-008	-2.83e-007
187	3.80e-005	-6.97e-004	-5.76e-005	8.75e-007	3.41e-008	-2.83e-007
188	-1.06e-004	-6.97e-004	-2.40e-003	2.74e-006	1.43e-006	-2.83e-007
189	1.23e-004	-8.53e-004	5.10e-007	1.55e-006	2.80e-008	-2.83e-007
190	3.80e-005	-8.53e-004	-8.17e-005	1.70e-006	-6.92e-008	-2.83e-007
191	-1.06e-004	-8.53e-004	-3.73e-003	2.99e-006	2.15e-006	-2.83e-007
192	1.23e-004	-1.03e-003	-1.34e-006	1.47e-006	-1.34e-008	-2.83e-007
193	3.80e-005	-1.03e-003	-4.12e-005	1.43e-006	4.45e-008	-2.83e-007
194	-1.06e-004	-1.03e-003	-6.26e-003	3.78e-006	1.46e-006	-2.83e-007
195	2.35e-004	-1.18e-003	4.29e-005	6.05e-007	-1.85e-008	-2.83e-007
196	1.23e-004	-1.18e-003	1.81e-005	5.87e-007	-6.03e-008	-2.83e-007
197	3.80e-005	-1.18e-003	-1.45e-004	1.68e-006	-2.44e-007	-2.83e-007
198	-1.01e-004	-1.18e-003	-3.72e-003	3.75e-006	-7.58e-006	-2.83e-007
199	-9.44e-005	-1.41e-003	-2.67e-003	3.85e-006	1.15e-005	-2.83e-007
200	3.80e-005	-1.41e-003	-9.08e-005	2.57e-006	7.77e-007	-2.83e-007
201	1.22e-004	-1.41e-003	7.12e-005	1.57e-006	8.38e-008	-2.83e-007
202	3.80e-005	-2.96e-004	-2.42e-005	3.25e-008	6.46e-008	-2.83e-007
203	3.80e-005	-3.11e-004	-2.76e-005	9.91e-008	5.05e-008	-2.83e-007
204	3.80e-005	-3.27e-004	-3.04e-005	1.76e-007	3.76e-008	-2.83e-007
205	3.80e-005	-3.42e-004	-3.26e-005	2.69e-007	2.89e-008	-2.83e-007
206	3.80e-005	-3.89e-004	-3.10e-005	3.38e-007	-3.54e-008	-2.83e-007
207	3.80e-005	-4.21e-004	-2.55e-005	4.22e-007	-4.85e-008	-2.83e-007
208	3.80e-005	-4.52e-004	-1.90e-005	5.17e-007	-4.97e-008	-2.83e-007
209	3.80e-005	-4.84e-004	-1.32e-005	6.11e-007	-3.80e-008	-2.83e-007
210	3.80e-005	-5.52e-004	-1.33e-005	6.37e-007	4.10e-008	-2.83e-007

211	3.80e-005	-5.88e-004	-2.17e-005	5.78e-007	7.43e-008	-2.83e-007
212	3.80e-005	-6.25e-004	-3.32e-005	5.18e-007	9.18e-008	-2.83e-007
213	3.80e-005	-6.61e-004	-4.61e-005	4.71e-007	9.48e-008	-2.83e-007
214	3.80e-005	-7.28e-004	-6.83e-005	6.18e-007	7.25e-008	-2.83e-007
215	3.80e-005	-7.59e-004	-7.61e-005	8.86e-007	5.70e-008	-2.83e-007
216	3.80e-005	-7.90e-004	-8.15e-005	1.18e-006	3.08e-008	-2.83e-007
217	3.80e-005	-8.22e-004	-8.36e-005	1.46e-006	-4.64e-009	-2.83e-007
218	3.80e-005	-8.87e-004	-7.09e-005	1.60e-006	-8.76e-008	-2.83e-007
219	3.80e-005	-9.22e-004	-5.80e-005	1.50e-006	-9.09e-008	-2.83e-007
220	3.80e-005	-9.56e-004	-4.66e-005	1.40e-006	-6.53e-008	-2.83e-007
221	3.80e-005	-9.91e-004	-4.00e-005	1.31e-006	-1.05e-008	-2.83e-007
222	3.80e-005	-1.06e-003	-5.98e-005	1.14e-006	1.74e-007	-2.83e-007
223	3.80e-005	-1.09e-003	-8.43e-005	1.01e-006	2.13e-007	-2.83e-007
224	3.80e-005	-1.12e-003	-1.10e-004	8.98e-007	2.01e-007	-2.83e-007
225	3.80e-005	-1.15e-003	-1.33e-004	8.35e-007	1.33e-007	-2.83e-007
226	3.80e-005	-1.23e-003	-1.40e-004	1.03e-006	-6.11e-008	-2.83e-007
227	3.80e-005	-1.27e-003	-1.23e-004	1.45e-006	-1.05e-007	-2.83e-007
228	3.80e-005	-1.32e-003	-1.04e-004	1.89e-006	-9.60e-008	-2.83e-007
229	3.80e-005	-1.36e-003	-9.07e-005	2.31e-006	-5.21e-008	-2.83e-007
230	4.46e-005	-1.14e-003	-9.75e-005	9.51e-007	2.17e-007	-2.48e-007
231	4.42e-005	-1.15e-003	-1.10e-004	8.97e-007	2.04e-007	-2.51e-007
232	4.34e-005	-1.16e-003	-1.22e-004	8.48e-007	1.87e-007	-2.60e-007
233	4.22e-005	-1.18e-003	-1.33e-004	8.14e-007	1.37e-007	-2.87e-007
234	4.03e-005	-1.20e-003	-1.41e-004	8.02e-007	1.51e-007	-3.60e-007
235	3.77e-005	-1.22e-003	-1.45e-004	7.77e-007	2.95e-008	-2.85e-007
236	4.66e-005	-1.12e-003	-4.95e-005	1.12e-006	1.56e-007	-1.92e-007
237	4.90e-005	-1.14e-003	-5.99e-005	1.10e-006	1.79e-007	-1.98e-007
238	5.06e-005	-1.15e-003	-7.16e-005	1.06e-006	2.09e-007	-2.06e-007
239	5.15e-005	-1.16e-003	-8.44e-005	1.00e-006	2.19e-007	-2.09e-007
240	5.15e-005	-1.17e-003	-9.74e-005	9.50e-007	2.20e-007	-2.12e-007
241	5.07e-005	-1.18e-003	-1.10e-004	8.94e-007	2.08e-007	-2.16e-007
242	4.92e-005	-1.19e-003	-1.22e-004	8.40e-007	1.89e-007	-2.27e-007
243	4.68e-005	-1.21e-003	-1.32e-004	7.82e-007	1.48e-007	-2.50e-007
244	4.36e-005	-1.22e-003	-1.41e-004	6.99e-007	1.27e-007	-2.88e-007
245	4.01e-005	-1.24e-003	-1.46e-004	6.15e-007	4.42e-008	-2.85e-007
246	5.17e-005	-1.16e-003	-4.98e-005	1.08e-006	1.73e-007	-2.08e-007
247	5.54e-005	-1.17e-003	-5.99e-005	1.09e-006	2.05e-007	-1.84e-007
248	5.79e-005	-1.18e-003	-7.17e-005	1.05e-006	2.30e-007	-1.76e-007
249	5.91e-005	-1.19e-003	-8.44e-005	1.00e-006	2.40e-007	-1.75e-007
250	5.92e-005	-1.20e-003	-9.74e-005	9.49e-007	2.42e-007	-1.77e-007
251	5.80e-005	-1.21e-003	-1.10e-004	8.93e-007	2.30e-007	-1.80e-007
252	5.57e-005	-1.22e-003	-1.22e-004	8.35e-007	2.08e-007	-1.89e-007
253	5.22e-005	-1.23e-003	-1.32e-004	7.68e-007	1.74e-007	-2.12e-007
254	4.76e-005	-1.25e-003	-1.41e-004	7.07e-007	1.35e-007	-2.83e-007
255	4.17e-005	-1.26e-003	-1.47e-004	1.15e-006	2.19e-008	-2.77e-007
256	3.76e-005	-1.23e-003	-1.45e-004	8.29e-007	3.30e-008	-2.40e-007
257	3.70e-005	-1.24e-003	-1.43e-004	9.14e-007	-5.17e-008	-3.29e-007
258	3.61e-005	-1.26e-003	-1.40e-004	1.03e-006	-6.38e-008	-3.63e-007
259	3.55e-005	-1.28e-003	-1.35e-004	1.16e-006	-8.65e-008	-3.73e-007
260	3.50e-005	-1.30e-003	-1.29e-004	1.31e-006	-9.82e-008	-3.77e-007
261	3.47e-005	-1.32e-003	-1.23e-004	1.45e-006	-1.07e-007	-3.78e-007
262	3.46e-005	-1.34e-003	-1.17e-004	1.60e-006	-1.09e-007	-3.78e-007
263	3.47e-005	-1.36e-003	-1.10e-004	1.74e-006	-1.06e-007	-3.78e-007
264	3.50e-005	-1.38e-003	-1.04e-004	1.89e-006	-9.73e-008	-3.78e-007
265	3.55e-005	-1.40e-003	-9.89e-005	2.03e-006	-8.52e-008	-3.78e-007
266	4.01e-005	-2.81e-004	-2.05e-005	1.91e-009	6.38e-008	-2.91e-007
267	3.99e-005	-2.97e-004	-2.40e-005	3.44e-008	7.31e-008	-3.18e-007
268	3.95e-005	-3.15e-004	-2.76e-005	1.02e-007	5.02e-008	-3.30e-007
269	3.91e-005	-3.33e-004	-3.04e-005	1.74e-007	3.93e-008	-3.35e-007
270	3.85e-005	-3.51e-004	-3.26e-005	2.39e-007	3.35e-008	-3.44e-007
271	3.77e-005	-3.69e-004	-3.36e-005	2.64e-007	1.85e-009	-2.95e-007
272	4.27e-005	-2.81e-004	-2.10e-005	5.53e-008	4.74e-008	-2.97e-007
273	4.19e-005	-2.99e-004	-2.39e-005	6.34e-008	7.20e-008	-3.55e-007
274	4.12e-005	-3.19e-004	-2.75e-005	1.11e-007	4.79e-008	-3.72e-007
275	4.04e-005	-3.39e-004	-3.03e-005	1.73e-007	4.33e-008	-3.75e-007

276	3.92e-005	-3.59e-004	-3.25e-005	2.30e-007	2.83e-008	-3.60e-007
277	3.79e-005	-3.76e-004	-3.39e-005	2.58e-007	1.05e-008	-3.05e-007
278	4.38e-005	-2.85e-004	-2.17e-005	2.54e-007	-5.44e-008	-2.88e-007
279	4.39e-005	-3.02e-004	-2.40e-005	8.94e-008	7.73e-008	-3.52e-007
280	4.31e-005	-3.23e-004	-2.74e-005	1.16e-007	5.59e-008	-4.03e-007
281	4.18e-005	-3.45e-004	-3.03e-005	1.74e-007	4.97e-008	-4.17e-007
282	4.03e-005	-3.67e-004	-3.24e-005	2.52e-007	3.10e-008	-4.19e-007
283	3.87e-005	-3.88e-004	-3.44e-005	5.66e-007	4.59e-008	-3.07e-007
284	3.80e-005	-3.73e-004	-3.29e-005	3.27e-007	-1.74e-008	-2.83e-007
285	3.62e-005	-1.42e-003	-9.43e-005	2.17e-006	-6.19e-008	-3.76e-007
286	3.70e-005	-1.44e-003	-9.08e-005	2.31e-006	-4.92e-008	-3.72e-007
287	3.80e-005	-4.05e-004	-2.85e-005	3.77e-007	-4.13e-008	-2.83e-007
288	3.80e-005	-4.37e-004	-2.22e-005	4.69e-007	-5.06e-008	-2.83e-007
289	3.81e-005	-1.46e-003	-8.89e-005	2.44e-006	1.57e-008	-3.59e-007
290	4.05e-005	-1.48e-003	-8.71e-005	2.54e-006	-8.80e-008	-3.25e-007
291	3.80e-005	-4.68e-004	-1.59e-005	5.64e-007	-4.40e-008	-2.83e-007
292	3.80e-005	-5.00e-004	-1.11e-005	6.54e-007	-2.26e-008	-2.83e-007
293	4.55e-005	-1.50e-003	-9.03e-005	2.55e-006	1.03e-007	-2.53e-007
294	3.80e-005	-5.34e-004	-1.07e-005	6.65e-007	2.50e-008	-2.83e-007
295	3.78e-005	-1.25e-003	-1.45e-004	7.25e-007	-2.50e-008	-3.55e-007
296	3.58e-005	-1.27e-003	-1.43e-004	8.82e-007	-4.59e-008	-4.18e-007
297	3.80e-005	-5.70e-004	-1.70e-005	6.07e-007	6.20e-008	-2.83e-007
298	3.80e-005	-6.06e-004	-2.72e-005	5.48e-007	8.52e-008	-2.83e-007
299	3.41e-005	-1.30e-003	-1.39e-004	1.02e-006	-6.76e-008	-4.52e-007
300	3.28e-005	-1.32e-003	-1.35e-004	1.16e-006	-8.74e-008	-4.66e-007
301	3.80e-005	-6.43e-004	-3.96e-005	4.91e-007	9.66e-008	-2.83e-007
302	3.80e-005	-6.79e-004	-5.27e-005	4.80e-007	9.81e-008	-2.83e-007
303	3.19e-005	-1.35e-003	-1.29e-004	1.31e-006	-1.00e-007	-4.71e-007
304	3.75e-005	-3.84e-004	-3.28e-005	3.00e-007	-9.26e-009	-2.79e-007
305	3.71e-005	-4.01e-004	-3.10e-005	3.35e-007	-3.42e-008	-3.02e-007
306	3.67e-005	-4.18e-004	-2.85e-005	3.76e-007	-4.29e-008	-3.10e-007
307	3.65e-005	-4.35e-004	-2.55e-005	4.22e-007	-4.93e-008	-3.12e-007
308	3.65e-005	-4.53e-004	-2.22e-005	4.69e-007	-5.15e-008	-3.13e-007
309	3.65e-005	-4.70e-004	-1.90e-005	5.17e-007	-5.05e-008	-3.13e-007
310	3.67e-005	-4.88e-004	-1.59e-005	5.64e-007	-4.52e-008	-3.13e-007
311	3.70e-005	-5.05e-004	-1.32e-005	6.10e-007	-3.82e-008	-3.11e-007
312	3.73e-005	-5.23e-004	-1.11e-005	6.51e-007	-1.89e-008	-3.07e-007
313	3.76e-005	-5.40e-004	-9.73e-006	6.72e-007	-3.43e-009	-2.86e-007
314	3.71e-005	-3.94e-004	-3.31e-005	2.91e-007	-3.25e-008	-3.17e-007
315	3.61e-005	-4.12e-004	-3.10e-005	3.32e-007	-3.29e-008	-3.31e-007
316	3.54e-005	-4.31e-004	-2.85e-005	3.76e-007	-4.45e-008	-3.38e-007
317	3.50e-005	-4.50e-004	-2.55e-005	4.22e-007	-4.99e-008	-3.41e-007
318	3.48e-005	-4.69e-004	-2.22e-005	4.69e-007	-5.25e-008	-3.42e-007
319	3.49e-005	-4.89e-004	-1.90e-005	5.16e-007	-5.13e-008	-3.43e-007
320	3.53e-005	-5.08e-004	-1.59e-005	5.63e-007	-4.64e-008	-3.42e-007
321	3.59e-005	-5.27e-004	-1.32e-005	6.07e-007	-3.75e-008	-3.38e-007
322	3.67e-005	-5.45e-004	-1.10e-005	6.44e-007	-2.71e-008	-3.27e-007
323	3.77e-005	-5.63e-004	-9.84e-006	6.63e-007	-1.50e-009	-2.89e-007
324	3.63e-005	-4.05e-004	-3.29e-005	3.08e-007	-3.24e-008	-3.10e-007
325	3.49e-005	-4.24e-004	-3.09e-005	3.32e-007	-3.91e-008	-3.52e-007
326	3.39e-005	-4.44e-004	-2.84e-005	3.76e-007	-5.17e-008	-3.66e-007
327	3.33e-005	-4.65e-004	-2.54e-005	4.22e-007	-5.63e-008	-3.71e-007
328	3.30e-005	-4.86e-004	-2.22e-005	4.69e-007	-5.91e-008	-3.72e-007
329	3.31e-005	-5.07e-004	-1.90e-005	5.16e-007	-5.77e-008	-3.72e-007
330	3.37e-005	-5.27e-004	-1.59e-005	5.62e-007	-5.34e-008	-3.70e-007
331	3.45e-005	-5.48e-004	-1.32e-005	6.06e-007	-4.40e-008	-3.63e-007
332	3.59e-005	-5.68e-004	-1.11e-005	6.42e-007	-3.27e-008	-3.44e-007
333	3.77e-005	-5.86e-004	-9.89e-006	6.60e-007	-1.96e-009	-2.91e-007
334	3.86e-005	-5.57e-004	-1.06e-005	6.62e-007	3.72e-008	-2.70e-007
335	3.93e-005	-5.74e-004	-1.33e-005	6.36e-007	4.26e-008	-2.67e-007
336	3.99e-005	-5.91e-004	-1.70e-005	6.07e-007	6.26e-008	-2.67e-007
337	4.04e-005	-6.09e-004	-2.17e-005	5.77e-007	7.52e-008	-2.67e-007
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472	4.07e-005	-1.66e-003	-8.91e-005	2.56e-006	1.84e-008	-4.30e-007
473	4.21e-005	-1.68e-003	-9.00e-005	2.67e-006	-6.04e-008	-1.67e-007
474	4.22e-005	-1.08e-003	-4.94e-005	1.20e-006	1.63e-007	-2.13e-007
475	4.33e-005	-1.10e-003	-5.98e-005	1.13e-006	1.77e-007	-2.31e-007
476	4.42e-005	-1.11e-003	-7.16e-005	1.07e-006	2.06e-007	-2.41e-007
477	4.46e-005	-1.12e-003	-8.44e-005	1.01e-006	2.15e-007	-2.45e-007
478	-3.46e-005	-9.07e-004	-1.64e-003	2.81e-006	1.38e-006	-5.37e-007
479	-3.94e-005	-1.11e-003	-2.45e-003	2.65e-006	5.54e-007	-4.32e-007
480	-4.51e-005	-1.51e-003	-2.40e-003	4.12e-006	5.50e-007	-4.36e-007
481	-5.53e-005	-1.79e-003	-3.74e-003	3.87e-006	3.72e-006	-6.07e-007
482	-9.45e-005	-2.26e-003	-6.23e-003	5.15e-006	-1.03e-006	-5.40e-007
483	-1.25e-004	-2.45e-003	-3.73e-003	5.51e-006	-9.89e-007	-2.47e-007
484	-6.87e-005	-2.59e-003	-2.67e-003	5.42e-006	-2.81e-006	1.60e-007
485	2.31e-004	-7.02e-004	1.51e-005	-1.02e-007	-1.04e-007	-3.93e-007
486	2.31e-004	-1.02e-003	8.18e-005	9.25e-007	-7.68e-009	-4.27e-007
487	2.32e-004	-1.18e-003	1.19e-005	7.48e-007	3.79e-009	-1.54e-007
488	4.79e-005	-1.25e-003	-4.31e-005	3.13e-007	8.61e-008	-1.93e-007
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493	2.27e-004	-1.25e-003	1.22e-005	3.48e-007	-6.06e-008	-1.61e-007
494	1.31e-004	-1.25e-003	-1.35e-006	1.99e-007	7.55e-009	-2.25e-007
495	2.26e-004	-1.30e-003	4.68e-005	6.48e-007	-4.48e-008	-1.52e-007
496	-4.37e-005	-4.02e-004	-7.11e-004	1.62e-006	1.09e-006	-4.28e-007
497	-3.51e-005	-6.90e-004	-1.26e-003	1.93e-006	1.23e-006	-8.35e-007
498	5.71e-004	-3.27e-004	1.08e-005	3.51e-007	-4.30e-008	-6.49e-008
499	4.71e-004	-3.30e-004	3.56e-007	1.81e-007	3.57e-008	-3.75e-007
500	3.33e-004	-3.37e-004	1.96e-006	2.29e-007	-3.66e-009	-9.10e-008
501	2.16e-004	-3.48e-004	4.03e-006	1.99e-007	4.98e-008	-3.19e-007
502	1.28e-004	-3.60e-004	6.16e-006	1.73e-007	5.68e-008	-2.73e-007
503	5.64e-005	-3.75e-004	-2.29e-005	6.09e-007	2.12e-007	-1.94e-007
504	5.69e-004	-2.92e-004	8.20e-006	8.69e-008	1.20e-008	-1.89e-007
505	4.67e-004	-2.91e-004	1.66e-007	3.09e-008	2.19e-007	-3.18e-007
506	3.33e-004	-2.90e-004	1.44e-006	5.86e-008	1.21e-008	-1.91e-007
507	2.05e-004	-2.88e-004	1.79e-006	2.06e-008	-2.05e-008	-3.01e-007
508	1.21e-004	-2.86e-004	7.79e-009	8.27e-009	-2.33e-008	-2.66e-007
509	2.32e-004	-1.21e-003	4.63e-005	3.75e-007	-5.40e-008	-1.95e-007
510	6.03e-004	9.39e-005	0.00	0.00	0.00	3.17e-007
511	1.57e-004	-2.34e-004	0.00	0.00	0.00	-7.47e-008
512	1.05e-004	-6.79e-004	0.00	0.00	0.00	-2.83e-007

SPOSTAMENTI NODALI "Balconi e cornicioni" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00

19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	4.37e-004	-1.91e-004	-3.31e-004	-1.72e-006	1.24e-006	2.62e-007
42	4.37e-004	-3.16e-005	-1.06e-003	1.60e-007	3.34e-007	2.62e-007
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	5.41e-004	-1.91e-004	-3.50e-005	2.47e-007	1.06e-006	2.62e-007
47	6.20e-004	-1.91e-004	-1.22e-004	7.87e-007	1.27e-006	2.62e-007
48	7.53e-004	-1.91e-004	-1.73e-003	9.38e-006	3.90e-005	2.62e-007
49	5.41e-004	-3.16e-005	-5.07e-005	4.22e-007	5.85e-008	2.62e-007
50	6.20e-004	-3.16e-005	-1.09e-005	6.35e-007	8.43e-008	2.62e-007
51	7.53e-004	-3.16e-005	-5.27e-003	-9.95e-007	-4.53e-006	2.62e-007
52	4.37e-004	1.12e-004	-7.85e-004	-4.01e-007	-1.07e-007	2.62e-007
53	5.41e-004	1.11e-004	-2.96e-004	-6.03e-007	3.15e-007	2.62e-007
54	6.20e-004	1.11e-004	-1.44e-004	1.78e-006	-1.00e-006	2.62e-007
55	7.48e-004	1.12e-004	-3.08e-003	1.94e-006	-3.31e-005	2.62e-007
56	7.42e-004	3.21e-004	-2.27e-003	2.30e-006	1.78e-005	2.62e-007
57	6.20e-004	3.20e-004	-4.44e-004	1.89e-006	2.68e-006	2.62e-007
58	5.42e-004	3.21e-004	2.60e-005	1.09e-006	7.02e-007	2.62e-007
59	4.36e-004	-4.74e-005	-8.02e-004	4.80e-007	1.64e-006	-1.61e-007
60	4.36e-004	-1.09e-004	-8.18e-004	-1.09e-006	-1.80e-007	-1.61e-007
61	4.36e-004	-1.52e-004	-6.82e-004	-1.31e-006	1.20e-006	-1.61e-007
62	3.66e-004	-4.74e-005	-9.04e-004	-2.88e-007	1.45e-006	-1.61e-007
63	3.66e-004	-1.09e-004	-5.12e-005	-5.29e-007	9.96e-007	-1.61e-007
64	3.66e-004	-1.52e-004	-9.26e-004	8.97e-007	1.38e-006	-1.61e-007
65	3.04e-004	-4.74e-005	-8.28e-004	-2.16e-009	-5.94e-008	-1.61e-007
66	3.04e-004	-1.09e-004	-1.28e-004	1.51e-007	5.44e-007	-1.61e-007
67	3.04e-004	-1.52e-004	-7.94e-004	-2.87e-007	1.42e-006	-1.61e-007
68	2.34e-004	-4.74e-005	-7.72e-004	-5.21e-007	5.25e-007	-1.61e-007
69	2.34e-004	-1.09e-004	-1.70e-005	-2.68e-008	5.51e-007	-1.61e-007
70	2.34e-004	-1.52e-004	-8.38e-004	3.89e-007	-1.28e-007	-1.61e-007
71	1.86e-004	-4.74e-005	-5.65e-004	-2.74e-008	-1.27e-006	-1.61e-007
72	1.86e-004	-1.09e-004	-4.06e-005	1.27e-007	8.35e-007	-1.61e-007
73	1.86e-004	-1.52e-004	-6.91e-004	-8.35e-007	1.65e-006	-1.61e-007
74	1.38e-004	-4.74e-005	-8.65e-004	1.16e-006	-8.57e-007	-1.61e-007
75	1.38e-004	-1.09e-004	-1.26e-004	1.04e-006	-9.47e-007	-1.61e-007
76	1.38e-004	-1.52e-004	-1.01e-004	1.19e-006	2.26e-007	-1.61e-007
77	5.59e-005	-4.74e-005	-1.57e-003	-1.83e-007	1.70e-005	-1.61e-007
78	5.59e-005	-1.09e-004	-1.97e-003	3.67e-007	-8.17e-006	-1.61e-007
79	5.59e-005	-1.52e-004	-2.49e-003	2.44e-006	1.65e-005	-1.61e-007
80	1.86e-004	-2.42e-004	-1.39e-003	1.65e-006	-1.51e-007	-1.61e-007
81	1.38e-004	-2.42e-004	-2.41e-005	1.60e-006	-1.18e-007	-1.61e-007
82	5.59e-005	-2.42e-004	-3.79e-003	1.09e-006	7.16e-006	-1.61e-007
83	2.51e-004	-3.45e-004	-9.27e-004	9.84e-007	1.29e-006	-1.61e-007

84	2.50e-004	-4.34e-004	-1.64e-003	1.75e-006	8.56e-007	-1.61e-007
85	2.50e-004	-5.32e-004	-2.31e-003	2.24e-006	-4.46e-008	-1.61e-007
86	1.86e-004	-3.45e-004	-1.16e-003	2.60e-006	2.20e-007	-1.61e-007
87	1.38e-004	-3.45e-004	-7.55e-005	4.56e-006	1.73e-007	-1.61e-007
88	5.59e-005	-3.45e-004	-3.64e-003	3.45e-006	-1.03e-005	-1.61e-007
89	1.86e-004	-4.34e-004	-3.55e-006	2.18e-006	-1.72e-006	-1.61e-007
90	1.38e-004	-4.34e-004	-1.11e-004	1.82e-006	-5.42e-007	-1.61e-007
91	5.63e-005	-4.34e-004	-5.36e-003	-1.50e-007	1.18e-005	-1.61e-007
92	1.86e-004	-5.32e-004	-9.20e-005	2.37e-006	5.92e-007	-1.61e-007
93	1.38e-004	-5.32e-004	-1.02e-005	2.70e-006	-4.26e-007	-1.61e-007
94	5.63e-005	-5.32e-004	-8.46e-003	2.50e-007	-1.57e-005	-1.61e-007
95	2.50e-004	-6.20e-004	-1.70e-003	7.53e-007	-1.15e-006	-1.61e-007
96	1.86e-004	-6.19e-004	-6.46e-004	2.62e-007	-3.23e-008	-1.61e-007
97	1.38e-004	-6.19e-004	-2.70e-004	4.79e-006	1.38e-006	-1.61e-007
98	5.91e-005	-6.20e-004	-5.35e-003	2.87e-006	3.77e-005	-1.61e-007
99	6.27e-005	-7.48e-004	-4.94e-003	6.53e-006	-1.04e-004	-1.61e-007
100	1.38e-004	-7.48e-004	-9.39e-004	4.88e-006	-5.70e-006	-1.61e-007
101	1.86e-004	-7.48e-004	6.03e-005	2.44e-006	-1.49e-006	-1.61e-007
102	5.52e-005	-1.09e-004	-4.54e-005	1.01e-006	9.66e-007	2.01e-007
103	1.69e-004	-1.71e-004	-1.04e-004	4.01e-007	1.36e-006	2.11e-007
104	3.05e-004	-2.06e-004	-1.88e-004	-1.13e-008	1.46e-006	2.00e-007
105	7.98e-005	-6.86e-005	-2.44e-005	3.54e-007	1.32e-006	5.33e-008
106	2.29e-004	-1.08e-004	-3.41e-005	2.54e-007	1.74e-006	1.23e-007
107	3.98e-004	-1.49e-004	-3.68e-005	3.00e-007	1.73e-006	2.02e-007
108	7.15e-005	1.84e-005	-7.08e-005	5.76e-007	1.30e-006	-2.85e-007
109	2.29e-004	-4.02e-005	-1.04e-004	6.77e-007	1.99e-006	-3.73e-007
110	4.34e-004	-1.12e-004	-1.19e-004	7.91e-007	2.20e-006	-1.71e-007
111	-4.78e-004	1.79e-004	-4.09e-004	-2.79e-006	-7.66e-006	-1.32e-006
112	-1.16e-003	2.30e-004	-7.77e-004	9.33e-007	-5.08e-006	-4.72e-006
113	-1.16e-003	1.21e-004	-1.18e-003	2.67e-006	7.05e-006	-6.46e-006
114	5.15e-004	-1.91e-004	-4.96e-005	-7.84e-009	1.46e-006	2.62e-007
115	4.89e-004	-1.91e-004	-7.96e-005	-1.61e-007	1.50e-006	2.62e-007
116	4.63e-004	-1.91e-004	-1.29e-004	-3.84e-007	1.45e-006	2.62e-007
117	6.00e-004	-1.91e-004	-8.20e-005	5.53e-007	1.62e-006	2.62e-007
118	5.81e-004	-1.91e-004	-5.68e-005	4.53e-007	1.59e-006	2.62e-007
119	5.61e-004	-1.91e-004	-4.26e-005	3.04e-007	1.49e-006	2.62e-007
120	7.19e-004	-1.91e-004	-7.07e-004	2.00e-006	1.27e-005	2.62e-007
121	6.86e-004	-1.91e-004	-4.44e-004	2.00e-006	5.91e-006	2.62e-007
122	6.53e-004	-1.91e-004	-2.55e-004	1.22e-006	3.17e-006	2.62e-007
123	-1.80e-005	1.01e-004	-5.77e-004	-3.20e-007	-3.25e-006	4.80e-008
124	-3.27e-004	1.80e-004	-5.50e-004	-1.39e-006	-3.38e-006	-1.32e-006
125	-5.63e-004	1.89e-004	-6.50e-004	1.30e-006	-7.61e-007	-4.49e-006
126	-3.09e-004	6.83e-005	-7.23e-004	2.55e-006	6.89e-006	-5.96e-006
127	-3.57e-005	2.26e-004	-4.75e-004	1.87e-006	-1.21e-006	-3.42e-008
128	-1.33e-004	1.35e-004	-4.77e-004	1.04e-006	-5.94e-007	-1.39e-006
129	-1.11e-004	8.29e-005	-4.60e-004	1.23e-006	1.49e-006	-2.63e-006
130	1.62e-004	-3.60e-005	-4.45e-004	1.51e-006	4.39e-006	-2.37e-006
131	-2.08e-005	2.09e-004	-2.55e-004	2.07e-006	1.73e-007	-1.90e-007
132	9.88e-006	6.92e-005	-2.40e-004	1.34e-006	7.22e-007	-7.99e-007
133	1.28e-004	-9.86e-008	-2.54e-004	1.22e-006	1.88e-006	-1.28e-006
134	3.56e-004	-8.46e-005	-2.55e-004	1.23e-006	2.84e-006	-1.01e-006
135	-7.95e-006	-1.15e-005	-5.77e-005	-5.57e-007	7.93e-007	6.94e-008
136	8.85e-005	-1.18e-005	-5.81e-005	-1.55e-008	1.37e-006	-1.96e-007
137	2.46e-004	-5.78e-005	-7.17e-005	4.19e-007	1.90e-006	-9.59e-008
138	4.33e-004	-1.22e-004	-7.95e-005	5.27e-007	1.98e-006	1.72e-007
139	-1.20e-005	-1.26e-005	-6.15e-005	1.16e-007	9.51e-007	1.19e-008
140	9.45e-005	-3.34e-005	-5.95e-005	2.99e-007	1.36e-006	1.15e-008
141	2.46e-004	-7.60e-005	-5.54e-005	3.83e-007	1.79e-006	5.59e-008
142	4.20e-004	-1.31e-004	-5.60e-005	4.48e-007	1.81e-006	1.66e-007
143	-8.97e-006	-9.70e-006	-4.18e-005	5.01e-007	8.10e-007	-7.43e-008
144	8.80e-005	-4.94e-005	-4.05e-005	4.71e-007	1.36e-006	1.61e-007
145	2.39e-004	-9.40e-005	-4.24e-005	2.58e-007	1.77e-006	1.21e-007
146	4.09e-004	-1.40e-004	-4.23e-005	3.25e-007	1.77e-006	1.10e-007
147	-1.35e-005	-8.87e-005	-4.29e-005	-4.62e-007	8.76e-007	1.04e-007
148	8.21e-005	-8.39e-005	-4.14e-005	9.64e-008	1.24e-006	-5.93e-008

149 2.18e-004 -1.25e-004 -4.84e-005 -2.38e-008 1.59e-006 1.12e-007
150 3.72e-004 -1.60e-004 -4.96e-005 2.77e-008 1.61e-006 2.94e-007
151 -1.75e-005 -1.01e-004 -7.91e-005 -5.52e-007 9.85e-007 -2.26e-008
152 8.18e-005 -1.05e-004 -8.07e-005 6.16e-008 1.16e-006 4.44e-008
153 2.05e-004 -1.45e-004 -7.94e-005 5.12e-008 1.42e-006 1.44e-007
154 3.46e-004 -1.74e-004 -7.87e-005 9.93e-009 1.51e-006 2.32e-007
155 -1.08e-005 -6.44e-005 -8.44e-005 4.02e-007 7.80e-007 -1.06e-007
156 7.26e-005 -1.07e-004 -8.73e-005 5.82e-007 1.06e-006 1.55e-007
157 1.89e-004 -1.64e-004 -1.08e-004 1.49e-008 1.37e-006 1.90e-007
158 3.25e-004 -1.98e-004 -1.31e-004 -3.21e-007 1.47e-006 1.98e-007
159 8.62e-004 5.05e-005 -1.63e-003 -3.36e-006 -5.02e-006 -4.82e-007
160 8.62e-004 -1.33e-004 -1.68e-003 -8.55e-007 1.37e-006 -4.82e-007
161 8.62e-004 -2.63e-004 -1.37e-003 1.36e-005 -6.84e-006 -4.82e-007
162 6.55e-004 5.05e-005 -1.83e-003 2.15e-006 -1.15e-006 -4.82e-007
163 6.55e-004 -1.33e-004 -8.96e-005 -1.01e-006 2.93e-007 -4.82e-007
164 6.55e-004 -2.63e-004 -1.89e-003 -4.10e-006 -1.07e-007 -4.82e-007
165 4.67e-004 5.05e-005 -1.69e-003 -6.73e-007 -2.66e-006 -4.82e-007
166 4.67e-004 -1.33e-004 -2.40e-004 -2.19e-007 2.36e-006 -4.82e-007
167 4.67e-004 -2.63e-004 -1.62e-003 2.13e-006 4.81e-006 -4.82e-007
168 2.60e-004 5.05e-005 -1.57e-003 5.89e-007 -1.65e-006 -4.82e-007
169 2.60e-004 -1.33e-004 -3.07e-005 -5.04e-007 3.32e-007 -4.82e-007
170 2.60e-004 -2.63e-004 -1.70e-003 -2.99e-006 5.16e-006 -4.82e-007
171 1.15e-004 5.05e-005 -1.16e-003 8.49e-007 -3.43e-006 -4.82e-007
172 1.15e-004 -1.33e-004 -1.80e-005 -1.02e-006 -5.40e-008 -4.82e-007
173 1.15e-004 -2.63e-004 -1.46e-003 -3.47e-006 1.27e-005 -4.82e-007
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361 -2.62e-005 -2.88e-004 -1.38e-004 -4.72e-006 7.48e-008 4.32e-007
362 -3.62e-005 -2.59e-004 -1.41e-004 -5.32e-006 2.55e-008 4.53e-007
363 -5.50e-005 -2.06e-004 -1.37e-004 -3.98e-006 -1.10e-006 1.61e-006
364 -2.98e-005 -8.68e-004 -1.22e-004 -6.24e-006 -8.65e-008 -4.82e-007
365 8.34e-005 -2.25e-003 -8.04e-004 6.12e-006 1.65e-006 -2.31e-006
366 8.72e-005 -2.37e-003 -8.95e-004 7.51e-006 1.71e-006 -2.31e-006
367 -2.98e-005 -9.21e-004 -1.13e-004 -5.32e-006 -5.84e-008 -4.82e-007
368 -2.98e-005 -9.74e-004 -1.09e-004 -3.54e-006 -4.24e-008 -4.82e-007
369 8.99e-005 -2.49e-003 -9.89e-004 8.91e-006 1.75e-006 -2.31e-006
370 9.16e-005 -2.62e-003 -1.08e-003 1.03e-005 1.77e-006 -2.29e-006
371 -2.98e-005 -1.03e-003 -1.06e-004 -1.68e-006 -5.18e-008 -4.82e-007
372 -2.98e-005 -1.08e-003 -1.00e-004 5.57e-008 -9.13e-008 -4.82e-007
373 9.22e-005 -2.74e-003 -1.18e-003 1.17e-005 1.78e-006 -2.24e-006
374 9.16e-005 -2.85e-003 -1.28e-003 1.31e-005 1.76e-006 -2.10e-006
375 -2.98e-005 -1.14e-003 -8.23e-005 5.39e-007 -1.95e-007 -4.82e-007
376 -2.98e-005 -1.20e-003 -5.36e-005 2.03e-007 -2.13e-007 -4.82e-007
377 9.01e-005 -2.96e-003 -1.37e-003 1.45e-005 1.79e-006 -1.72e-006
378 8.64e-005 -3.03e-003 -1.47e-003 1.62e-005 1.68e-006 -7.60e-007
379 -2.98e-005 -1.25e-003 -2.61e-005 -1.35e-007 -1.72e-007 -4.82e-007
380 -2.98e-005 -1.31e-003 -7.23e-006 -4.55e-007 -7.11e-008 -4.82e-007
381 8.02e-005 -3.02e-003 -1.57e-003 1.90e-005 2.39e-006 1.23e-006
382 8.72e-005 -2.87e-003 -1.67e-003 2.13e-005 1.51e-006 2.74e-006
383 -2.98e-005 -1.37e-003 -4.37e-006 -5.70e-007 8.72e-008 -4.82e-007
384 -3.48e-005 -6.48e-004 -1.20e-004 -6.54e-006 1.06e-008 -3.52e-007
385 -3.37e-005 -6.84e-004 -1.16e-004 -6.07e-006 -1.26e-007 -8.35e-007
386 -3.28e-005 -7.35e-004 -1.13e-004 -5.32e-006 -5.38e-008 -1.00e-006
387 -3.22e-005 -7.92e-004 -1.10e-004 -4.45e-006 -5.52e-008 -1.05e-006
388 -3.19e-005 -8.50e-004 -1.09e-004 -3.54e-006 -4.05e-008 -1.07e-006
389 -3.20e-005 -9.09e-004 -1.08e-004 -2.61e-006 -4.37e-008 -1.07e-006
390 -3.23e-005 -9.68e-004 -1.06e-004 -1.69e-006 -5.00e-008 -1.06e-006
391 -3.29e-005 -1.03e-003 -1.04e-004 -7.99e-007 -7.28e-008 -1.04e-006
392 -3.37e-005 -1.08e-003 -1.00e-004 4.75e-009 -7.81e-008 -9.49e-007
393 -3.49e-005 -1.13e-003 -9.46e-005 4.51e-007 -1.45e-007 -6.06e-007
394 -3.93e-005 -4.17e-004 -1.20e-004 -6.66e-006 -5.19e-008 -6.71e-007
395 -3.74e-005 -4.71e-004 -1.16e-004 -6.09e-006 -1.32e-007 -1.29e-006
396 -3.57e-005 -5.49e-004 -1.13e-004 -5.31e-006 -5.31e-008 -1.54e-006
397 -3.45e-005 -6.36e-004 -1.11e-004 -4.44e-006 -5.23e-008 -1.63e-006
398 -3.39e-005 -7.27e-004 -1.09e-004 -3.53e-006 -3.82e-008 -1.65e-006
399 -3.39e-005 -8.18e-004 -1.08e-004 -2.62e-006 -4.11e-008 -1.66e-006
400 -3.46e-005 -9.09e-004 -1.06e-004 -1.71e-006 -4.81e-008 -1.64e-006
401 -3.58e-005 -9.97e-004 -1.04e-004 -8.42e-007 -7.01e-008 -1.57e-006
402 -3.76e-005 -1.08e-003 -1.00e-004 -9.92e-008 -9.04e-008 -1.36e-006
403 -3.98e-005 -1.14e-003 -9.42e-005 3.18e-007 -1.44e-007 -7.19e-007
404 -4.49e-005 -1.90e-004 -1.21e-004 -6.52e-006 -6.21e-008 -5.44e-007
405 -4.05e-005 -2.59e-004 -1.16e-004 -6.09e-006 -8.51e-008 -1.67e-006
406 -3.80e-005 -3.64e-004 -1.13e-004 -5.31e-006 -3.85e-008 -2.05e-006
407 -3.62e-005 -4.81e-004 -1.11e-004 -4.44e-006 -3.64e-008 -2.19e-006
408 -3.53e-005 -6.03e-004 -1.09e-004 -3.53e-006 -2.24e-008 -2.23e-006

409 -3.54e-005 -7.26e-004 -1.08e-004 -2.62e-006 -2.50e-008 -2.24e-006
410 -3.63e-005 -8.48e-004 -1.06e-004 -1.72e-006 -3.24e-008 -2.20e-006
411 -3.81e-005 -9.67e-004 -1.03e-004 -8.63e-007 -5.08e-008 -2.08e-006
412 -4.10e-005 -1.07e-003 -9.99e-005 -1.39e-007 -7.72e-008 -1.73e-006
413 -4.48e-005 -1.15e-003 -9.40e-005 2.82e-007 -1.47e-007 -7.99e-007
414 -3.57e-005 -1.15e-003 -8.23e-005 4.95e-007 -2.01e-007 -4.10e-007
415 -3.62e-005 -1.18e-003 -6.83e-005 3.60e-007 -2.13e-007 -3.88e-007
416 -3.63e-005 -1.20e-003 -5.36e-005 1.99e-007 -2.17e-007 -3.85e-007
417 -3.59e-005 -1.23e-003 -3.93e-005 3.24e-008 -2.03e-007 -3.85e-007
418 -3.49e-005 -1.25e-003 -2.62e-005 -1.35e-007 -1.76e-007 -3.86e-007
419 -3.34e-005 -1.27e-003 -1.52e-005 -3.02e-007 -1.33e-007 -3.89e-007
420 -3.14e-005 -1.30e-003 -7.28e-006 -4.62e-007 -7.63e-008 -4.00e-007
421 -2.88e-005 -1.32e-003 -3.37e-006 -6.01e-007 -2.32e-009 -4.35e-007
422 -2.59e-005 -1.35e-003 -4.45e-006 -6.81e-007 9.87e-008 -5.11e-007
423 -2.33e-005 -1.38e-003 -1.20e-005 -7.49e-007 2.04e-007 -4.26e-007
424 -4.18e-005 -1.17e-003 -8.24e-005 4.04e-007 -2.04e-007 -3.90e-007
425 -4.30e-005 -1.19e-003 -6.83e-005 3.31e-007 -2.14e-007 -3.12e-007
426 -4.32e-005 -1.21e-003 -5.36e-005 1.90e-007 -2.19e-007 -2.94e-007
427 -4.23e-005 -1.23e-003 -3.93e-005 2.99e-008 -2.06e-007 -2.90e-007
428 -4.03e-005 -1.24e-003 -2.62e-005 -1.36e-007 -1.79e-007 -2.90e-007
429 -3.74e-005 -1.26e-003 -1.53e-005 -3.04e-007 -1.35e-007 -2.94e-007
430 -3.33e-005 -1.28e-003 -7.41e-006 -4.74e-007 -7.95e-008 -3.06e-007
431 -2.82e-005 -1.30e-003 -3.50e-006 -6.56e-007 -1.14e-009 -3.40e-007
432 -2.21e-005 -1.32e-003 -4.12e-006 -8.92e-007 5.54e-008 -4.06e-007
433 -1.58e-005 -1.35e-003 -1.19e-005 -1.16e-006 2.24e-007 -3.76e-007
434 -4.87e-005 -1.18e-003 -8.22e-005 3.68e-007 -2.24e-007 -3.97e-007
435 -5.06e-005 -1.20e-003 -6.82e-005 3.16e-007 -2.39e-007 -2.57e-007
436 -5.08e-005 -1.22e-003 -5.37e-005 1.86e-007 -2.44e-007 -2.11e-007
437 -4.95e-005 -1.23e-003 -3.94e-005 2.86e-008 -2.30e-007 -1.97e-007
438 -4.66e-005 -1.24e-003 -2.63e-005 -1.37e-007 -2.03e-007 -1.94e-007
439 -4.21e-005 -1.25e-003 -1.55e-005 -3.06e-007 -1.59e-007 -1.95e-007
440 -3.61e-005 -1.26e-003 -7.61e-006 -4.81e-007 -1.05e-007 -2.00e-007
441 -2.85e-005 -1.28e-003 -3.78e-006 -6.85e-007 -2.51e-008 -2.08e-007
442 -1.92e-005 -1.29e-003 -4.68e-006 -9.82e-007 5.17e-008 -2.33e-007
443 -6.84e-006 -1.30e-003 -1.15e-005 -1.45e-006 3.26e-007 -3.39e-007
444 -2.98e-005 -1.43e-003 -2.62e-005 -7.65e-007 3.09e-007 -4.82e-007
445 -2.98e-005 -1.48e-003 -6.97e-005 -1.34e-006 4.78e-007 -4.82e-007
446 -2.98e-005 -1.53e-003 -1.31e-004 -1.75e-006 6.36e-007 -4.82e-007
447 -2.98e-005 -1.58e-003 -2.09e-004 -2.09e-006 7.91e-007 -4.82e-007
448 -2.98e-005 -1.64e-003 -3.03e-004 -1.88e-006 9.55e-007 -4.82e-007
449 8.84e-005 -1.63e-003 -4.15e-004 -4.90e-007 1.15e-006 -2.54e-006
450 1.02e-004 -1.78e-003 -4.81e-004 6.33e-007 1.33e-006 -2.99e-006
451 1.15e-004 -1.95e-003 -5.54e-004 1.97e-006 1.42e-006 -3.15e-006
452 1.25e-004 -2.12e-003 -6.33e-004 3.34e-006 1.53e-006 -3.20e-006
453 1.34e-004 -2.29e-003 -7.16e-004 4.73e-006 1.61e-006 -3.22e-006
454 -2.98e-005 -1.69e-003 -4.13e-004 -3.55e-007 1.20e-006 -4.82e-007
455 -2.98e-005 -1.72e-003 -4.80e-004 6.66e-007 1.24e-006 -4.82e-007
456 1.41e-004 -2.46e-003 -8.04e-004 6.12e-006 1.68e-006 -3.23e-006
457 1.47e-004 -2.63e-003 -8.95e-004 7.52e-006 1.74e-006 -3.23e-006
458 1.51e-004 -2.80e-003 -9.89e-004 8.91e-006 1.78e-006 -3.22e-006
459 1.53e-004 -2.98e-003 -1.08e-003 1.03e-005 1.80e-006 -3.20e-006
460 -2.98e-005 -1.77e-003 -6.32e-004 3.34e-006 1.49e-006 -4.82e-007
461 -2.98e-005 -1.79e-003 -7.16e-004 4.73e-006 1.58e-006 -4.82e-007
462 -2.98e-005 -1.84e-003 -8.95e-004 7.51e-006 1.70e-006 -4.82e-007
463 -2.98e-005 -1.87e-003 -9.89e-004 8.91e-006 1.74e-006 -4.82e-007
464 1.54e-004 -3.15e-003 -1.18e-003 1.17e-005 1.81e-006 -3.16e-006
465 1.54e-004 -3.31e-003 -1.28e-003 1.31e-005 1.78e-006 -3.08e-006
466 1.51e-004 -3.47e-003 -1.37e-003 1.48e-005 1.82e-006 -2.93e-006
467 1.49e-004 -3.62e-003 -1.46e-003 1.71e-005 1.65e-006 -2.74e-006
468 -2.98e-005 -1.92e-003 -1.18e-003 1.16e-005 1.77e-006 -4.82e-007
469 -2.98e-005 -1.95e-003 -1.28e-003 1.29e-005 1.77e-006 -4.82e-007
470 -2.98e-005 -2.00e-003 -1.47e-003 1.38e-005 1.76e-006 -4.82e-007
471 -2.98e-005 -2.02e-003 -1.56e-003 1.15e-005 1.60e-006 -4.82e-007
472 1.48e-004 -3.75e-003 -1.56e-003 2.20e-005 2.08e-006 -2.33e-006
473 1.26e-004 -3.82e-003 -1.71e-003 3.65e-005 -2.88e-007 3.46e-006

474	-1.96e-005	-1.40e-003	-2.61e-005	-9.03e-007	3.22e-007	-2.62e-007
475	-1.63e-005	-1.41e-003	-4.57e-005	-1.14e-006	3.87e-007	-3.13e-007
476	-1.34e-005	-1.43e-003	-6.97e-005	-1.36e-006	4.77e-007	-3.42e-007
477	-1.05e-005	-1.45e-003	-9.83e-005	-1.56e-006	5.57e-007	-3.54e-007
478	-3.49e-004	-1.13e-003	-4.04e-003	5.11e-006	1.37e-005	-2.70e-006
479	-3.93e-004	-1.63e-003	-6.15e-003	5.15e-006	6.19e-006	-4.52e-007
480	-4.79e-004	-2.09e-003	-5.92e-003	8.67e-006	-8.16e-006	-2.82e-007
481	-5.33e-004	-2.31e-003	-7.64e-003	5.32e-006	1.21e-005	-3.02e-007
482	-6.68e-004	-2.45e-003	-1.04e-002	2.84e-006	-1.36e-005	-6.55e-007
483	-7.18e-004	-3.64e-003	-6.77e-003	8.00e-006	2.66e-005	-4.16e-006
484	-1.01e-003	-5.50e-003	-7.16e-003	-2.93e-005	-8.05e-005	8.14e-006
485	7.30e-004	-1.15e-003	-2.27e-003	2.37e-005	2.41e-005	-7.14e-007
486	5.18e-004	-1.65e-003	-3.56e-003	5.09e-006	1.66e-006	-4.56e-007
487	2.72e-004	-1.45e-003	-4.15e-003	-4.19e-007	-2.81e-006	6.15e-007
488	1.03e-004	-1.07e-003	-7.04e-006	-5.45e-007	7.77e-007	-3.48e-007
489	1.04e-004	-1.52e-003	-3.67e-004	-8.90e-007	5.29e-007	-2.43e-006
490	9.70e-005	-6.88e-003	-1.72e-003	7.28e-006	5.47e-007	-1.05e-006
491	1.77e-004	-6.84e-003	1.10e-004	1.33e-005	-4.12e-007	-2.66e-006
492	1.88e-004	-1.52e-003	-1.12e-003	-8.34e-007	3.13e-007	-6.94e-007
493	-5.53e-004	-1.06e-003	-4.14e-003	-6.39e-006	-6.05e-006	6.31e-007
494	1.84e-004	-1.06e-003	-1.68e-004	-3.71e-006	7.20e-007	3.24e-007
495	-6.51e-004	-1.55e-003	-3.04e-003	-1.62e-006	-1.54e-006	3.43e-007
496	-3.74e-004	-4.33e-004	-3.13e-003	-2.57e-005	7.13e-006	1.09e-006
497	-3.62e-004	-3.26e-004	-3.20e-003	-2.47e-006	-4.66e-006	-1.65e-006
498	6.38e-004	-6.77e-004	-2.24e-003	2.83e-005	2.60e-005	-2.92e-006
499	6.01e-004	-5.78e-004	-2.54e-003	-7.44e-006	1.97e-006	-4.22e-007
500	7.74e-006	-5.31e-004	-2.35e-003	6.03e-006	-5.30e-006	-6.14e-007
501	-3.62e-004	-4.77e-004	-2.19e-003	-9.08e-006	-2.83e-006	-9.57e-007
502	-6.66e-004	-4.81e-004	-1.59e-003	-9.02e-007	-2.52e-006	-7.24e-007
503	-7.70e-004	-4.97e-004	-2.50e-003	2.16e-005	-1.50e-006	-6.68e-009
504	6.38e-004	-5.81e-005	-1.93e-003	-2.39e-007	-9.80e-006	-2.92e-006
505	6.34e-004	-4.32e-005	-9.56e-005	-1.70e-006	-6.78e-007	5.91e-007
506	9.22e-004	-5.19e-005	-2.60e-004	1.88e-007	2.31e-006	-6.84e-007
507	3.09e-004	-1.58e-005	-3.27e-005	-7.73e-007	5.46e-007	-9.16e-007
508	9.89e-005	2.55e-005	-1.63e-005	-6.59e-007	-2.64e-007	-4.85e-007
509	1.77e-004	-1.12e-003	-3.05e-003	1.11e-005	-1.80e-005	-1.49e-006
510	6.10e-004	4.91e-005	0.00	0.00	0.00	2.62e-007
511	1.74e-004	-3.41e-004	0.00	0.00	0.00	-1.61e-007
512	8.49e-005	-8.10e-004	0.00	0.00	0.00	-4.82e-007

SPOSTAMENTI NODALI "Tamponature esterne" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00

22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	2.53e-003	-4.94e-005	-6.47e-003	-3.45e-005	1.55e-004	-6.48e-007
42	2.53e-003	-4.45e-004	-2.33e-002	4.54e-006	-1.90e-005	-6.48e-007
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	2.28e-003	-4.94e-005	-6.05e-004	-1.58e-006	6.13e-006	-6.48e-007
47	2.08e-003	-4.94e-005	-5.76e-004	1.95e-006	4.19e-006	-6.48e-007
48	1.75e-003	-4.94e-005	-7.58e-003	4.12e-005	1.55e-004	-6.48e-007
49	2.28e-003	-4.45e-004	5.14e-004	-3.46e-006	-2.12e-005	-6.48e-007
50	2.08e-003	-4.45e-004	1.12e-005	2.96e-007	-3.91e-006	-6.48e-007
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52	2.53e-003	-8.00e-004	-1.88e-002	8.28e-005	-1.13e-004	-6.48e-007
53	2.28e-003	-7.98e-004	-1.67e-002	-6.96e-005	2.17e-004	-6.48e-007
54	2.08e-003	-7.98e-004	-1.51e-003	-4.05e-006	2.12e-005	-6.48e-007
55	1.76e-003	-8.01e-004	-1.83e-002	7.54e-006	1.31e-004	-6.48e-007
56	1.78e-003	-1.32e-003	-1.60e-002	2.94e-005	-4.41e-004	-6.48e-007
57	2.08e-003	-1.32e-003	-2.13e-003	-3.11e-006	-7.07e-005	-6.48e-007
58	2.27e-003	-1.32e-003	-1.11e-002	-2.51e-005	-4.34e-004	-6.48e-007
59	1.41e-004	3.87e-004	-1.04e-002	1.36e-004	1.04e-004	-4.85e-007
60	1.41e-004	2.03e-004	-8.52e-003	7.77e-006	-4.39e-005	-4.85e-007
61	1.41e-004	7.15e-005	-6.37e-003	1.44e-004	-3.86e-005	-4.85e-007
62	-6.73e-005	3.87e-004	-1.26e-002	-3.94e-005	8.84e-006	-4.85e-007
63	-6.73e-005	2.03e-004	-4.25e-004	-1.11e-005	-7.96e-006	-4.85e-007
64	-6.73e-005	7.15e-005	-7.46e-003	-4.39e-005	-4.62e-006	-4.85e-007
65	-2.57e-004	3.87e-004	-1.19e-002	2.69e-005	-1.26e-005	-4.85e-007
66	-2.57e-004	2.03e-004	-8.61e-004	2.82e-006	-2.17e-006	-4.85e-007
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69	-4.65e-004	2.03e-004	-1.60e-004	-5.28e-007	-4.97e-006	-4.85e-007
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74	-7.57e-004	3.87e-004	-1.23e-002	1.06e-004	-2.23e-005	-4.85e-007
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79	-1.00e-003	7.15e-005	-1.20e-002	5.31e-006	7.14e-005	-4.85e-007
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412 -2.50e-003 1.16e-003 -5.06e-004 -1.29e-005 -1.53e-006 -3.32e-006
413 -2.52e-003 1.04e-003 -4.14e-004 -1.22e-005 -1.81e-006 -3.81e-007
414 -2.40e-003 2.19e-004 -2.86e-004 -1.26e-005 -1.99e-006 8.19e-007
415 -2.40e-003 2.78e-004 -1.51e-004 -1.52e-005 -1.94e-006 1.08e-006
416 -2.39e-003 3.46e-004 -2.37e-005 -1.81e-005 -1.77e-006 1.14e-006
417 -2.38e-003 4.16e-004 8.84e-005 -2.10e-005 -1.43e-006 1.16e-006
418 -2.36e-003 4.87e-004 1.76e-004 -2.40e-005 -9.64e-007 1.15e-006
419 -2.34e-003 5.56e-004 2.31e-004 -2.69e-005 -3.53e-007 1.12e-006
420 -2.31e-003 6.22e-004 2.44e-004 -2.98e-005 4.00e-007 1.01e-006
421 -2.28e-003 6.76e-004 2.06e-004 -3.24e-005 1.30e-006 6.50e-007
422 -2.25e-003 6.94e-004 1.08e-004 -3.44e-005 2.52e-006 -2.06e-007
423 -2.22e-003 6.52e-004 -6.45e-005 -3.56e-005 3.72e-006 1.16e-007
424 -2.46e-003 6.72e-004 -2.87e-004 -1.31e-005 -2.06e-006 1.95e-006
425 -2.46e-003 8.14e-004 -1.52e-004 -1.54e-005 -1.96e-006 2.62e-006
426 -2.45e-003 9.80e-004 -2.42e-005 -1.81e-005 -1.79e-006 2.80e-006
427 -2.42e-003 1.15e-003 8.76e-005 -2.10e-005 -1.46e-006 2.85e-006
428 -2.39e-003 1.33e-003 1.75e-004 -2.40e-005 -9.90e-007 2.85e-006
429 -2.35e-003 1.50e-003 2.29e-004 -2.69e-005 -3.72e-007 2.80e-006
430 -2.29e-003 1.67e-003 2.42e-004 -2.99e-005 3.67e-007 2.66e-006
431 -2.23e-003 1.82e-003 2.05e-004 -3.29e-005 1.31e-006 2.25e-006
432 -2.16e-003 1.93e-003 1.11e-004 -3.61e-005 2.04e-006 1.32e-006
433 -2.08e-003 1.97e-003 -6.19e-005 -3.90e-005 3.93e-006 6.33e-007
434 -2.53e-003 1.14e-003 -2.86e-004 -1.32e-005 -2.26e-006 2.88e-006
435 -2.53e-003 1.36e-003 -1.52e-004 -1.54e-005 -2.19e-006 4.03e-006
436 -2.51e-003 1.62e-003 -2.51e-005 -1.82e-005 -2.02e-006 4.41e-006
437 -2.47e-003 1.89e-003 8.63e-005 -2.10e-005 -1.68e-006 4.52e-006
438 -2.42e-003 2.17e-003 1.73e-004 -2.40e-005 -1.21e-006 4.54e-006
439 -2.36e-003 2.44e-003 2.27e-004 -2.69e-005 -5.93e-007 4.51e-006
440 -2.28e-003 2.71e-003 2.40e-004 -2.99e-005 1.28e-007 4.40e-006
441 -2.19e-003 2.97e-003 2.01e-004 -3.31e-005 1.09e-006 4.11e-006
442 -2.08e-003 3.20e-003 1.05e-004 -3.68e-005 2.04e-006 3.21e-006
443 -1.94e-003 3.37e-003 -5.44e-005 -4.03e-005 4.77e-006 7.99e-007
444 -2.34e-003 -5.46e-004 -3.25e-004 -3.65e-005 5.15e-006 -5.40e-007
445 -2.34e-003 -6.05e-004 -1.01e-003 -4.50e-005 6.58e-006 -5.40e-007
446 -2.34e-003 -6.64e-004 -1.82e-003 -5.26e-005 7.36e-006 -5.40e-007
447 -2.34e-003 -7.23e-004 -2.68e-003 -5.99e-005 7.44e-006 -5.40e-007
448 -2.34e-003 -7.82e-004 -3.50e-003 -6.41e-005 6.89e-006 -5.40e-007
449 -1.78e-003 5.83e-003 -4.17e-003 -6.24e-005 5.08e-006 -6.42e-006
450 -1.82e-003 5.32e-003 -4.43e-003 -5.88e-005 4.84e-006 -1.13e-005
451 -1.87e-003 4.66e-003 -4.68e-003 -5.29e-005 4.35e-006 -1.30e-005
452 -1.91e-003 3.94e-003 -4.90e-003 -4.64e-005 3.96e-006 -1.36e-005
453 -1.95e-003 3.21e-003 -5.10e-003 -3.97e-005 3.58e-006 -1.38e-005
454 -2.34e-003 -8.40e-004 -4.17e-003 -6.25e-005 5.49e-006 -5.40e-007
455 -2.34e-003 -8.69e-004 -4.44e-003 -5.90e-005 4.80e-006 -5.40e-007
456 -1.98e-003 2.47e-003 -5.28e-003 -3.29e-005 3.26e-006 -1.39e-005
457 -2.01e-003 1.73e-003 -5.45e-003 -2.61e-005 2.97e-006 -1.39e-005
458 -2.04e-003 9.85e-004 -5.60e-003 -1.93e-005 2.72e-006 -1.40e-005
459 -2.06e-003 2.40e-004 -5.74e-003 -1.25e-005 2.51e-006 -1.40e-005
460 -2.34e-003 -9.26e-004 -4.90e-003 -4.65e-005 4.04e-006 -5.40e-007
461 -2.34e-003 -9.55e-004 -5.10e-003 -3.97e-005 3.68e-006 -5.40e-007
462 -2.34e-003 -1.01e-003 -5.45e-003 -2.61e-005 3.07e-006 -5.40e-007
463 -2.34e-003 -1.04e-003 -5.60e-003 -1.93e-005 2.82e-006 -5.40e-007
464 -2.08e-003 -5.07e-004 -5.87e-003 -5.73e-006 2.33e-006 -1.40e-005
465 -2.09e-003 -1.26e-003 -5.99e-003 9.21e-007 2.22e-006 -1.41e-005
466 -2.10e-003 -2.01e-003 -6.10e-003 7.07e-006 2.04e-006 -1.40e-005
467 -2.11e-003 -2.75e-003 -6.22e-003 1.15e-005 2.10e-006 -1.35e-005
468 -2.34e-003 -1.10e-003 -5.87e-003 -5.56e-006 2.44e-006 -5.40e-007
469 -2.34e-003 -1.13e-003 -5.99e-003 1.51e-006 2.29e-006 -5.40e-007
470 -2.34e-003 -1.19e-003 -6.22e-003 1.84e-005 1.99e-006 -5.40e-007
471 -2.34e-003 -1.21e-003 -6.34e-003 3.23e-005 2.33e-006 -5.40e-007
472 -2.10e-003 -3.44e-003 -6.32e-003 1.14e-005 1.83e-006 -1.20e-005
473 -2.05e-003 -3.93e-003 -6.49e-003 5.84e-006 6.45e-006 -9.86e-006
474 -2.18e-003 7.47e-004 -3.23e-004 -3.77e-005 5.35e-006 2.24e-006
475 -2.15e-003 8.63e-004 -6.47e-004 -4.14e-005 5.83e-006 2.08e-006
476 -2.12e-003 9.72e-004 -1.01e-003 -4.51e-005 6.61e-006 1.94e-006

477	-2.11e-003	1.08e-003	-1.40e-003	-4.89e-005	7.07e-006	1.89e-006
478	-3.40e-003	-2.94e-003	-1.69e-002	2.71e-005	8.78e-006	-4.85e-006
479	-3.44e-003	-3.28e-003	-2.58e-002	2.02e-005	3.07e-006	-2.47e-007
480	-3.63e-003	-4.58e-003	-2.49e-002	3.68e-005	6.14e-006	-2.00e-006
481	-3.74e-003	-3.63e-003	-3.23e-002	1.75e-005	1.22e-005	2.10e-006
482	-4.16e-003	-2.87e-003	-4.48e-002	1.52e-005	5.63e-006	-5.92e-007
483	-4.41e-003	-3.98e-003	-3.34e-002	2.19e-005	-3.42e-005	-2.21e-006
484	-5.26e-003	-1.33e-002	-3.40e-002	8.42e-005	5.32e-005	-1.55e-005
485	2.03e-004	7.14e-004	-1.40e-002	-8.64e-006	1.15e-005	-1.84e-006
486	-2.18e-004	1.21e-003	-2.58e-002	-1.13e-005	1.91e-005	7.52e-007
487	-9.95e-004	2.17e-003	-4.56e-002	-3.23e-005	5.06e-005	3.56e-006
488	-6.14e-004	8.74e-003	2.62e-005	-1.32e-005	1.02e-005	-2.92e-006
489	-6.49e-004	1.05e-002	-4.04e-003	-4.52e-005	6.80e-006	-5.29e-006
490	-7.37e-004	2.74e-004	-6.51e-003	-4.21e-005	5.09e-006	-1.04e-005
491	1.70e-003	3.60e-004	-1.72e-002	-1.47e-005	-9.41e-006	-9.15e-006
492	1.71e-003	1.03e-002	-2.76e-002	-4.46e-005	2.50e-005	-1.44e-006
493	-1.08e-003	8.89e-003	-4.56e-002	-8.45e-005	-1.77e-005	5.28e-006
494	1.80e-003	8.81e-003	-6.88e-004	-4.78e-005	2.77e-005	-3.91e-007
495	-1.75e-003	9.75e-003	-4.13e-002	-5.67e-005	1.21e-005	4.01e-006
496	-3.67e-003	-1.32e-003	-1.72e-002	3.61e-005	-1.61e-005	5.85e-006
497	-3.53e-003	-8.99e-004	-1.43e-002	2.03e-005	4.36e-006	-4.94e-006
498	-4.05e-003	-1.52e-003	-1.42e-002	-9.72e-006	-1.98e-005	8.48e-006
499	-5.31e-003	-1.28e-003	-1.76e-002	1.18e-005	-1.86e-005	-6.51e-006
500	-6.95e-003	-1.17e-003	-1.67e-002	-2.20e-006	-3.91e-005	3.73e-006
501	-8.15e-003	-1.09e-003	-1.52e-002	-7.76e-007	-2.67e-005	-6.12e-006
502	-1.04e-002	-1.20e-003	-1.17e-002	6.96e-006	-2.85e-005	-4.92e-006
503	-1.06e-002	-1.35e-003	-1.70e-002	-8.35e-007	-2.63e-005	5.67e-006
504	-2.70e-003	1.79e-003	-1.08e-002	-1.42e-005	-7.66e-006	5.32e-006
505	-1.83e-003	1.67e-003	-6.56e-004	-8.96e-006	-2.20e-006	1.27e-006
506	-3.73e-004	1.51e-003	-1.64e-003	-2.27e-006	3.44e-006	1.64e-006
507	-2.04e-003	1.57e-003	-2.57e-004	-3.52e-006	2.72e-007	-1.98e-006
508	-2.14e-003	1.71e-003	-7.34e-004	-1.84e-006	2.88e-007	-2.15e-007
509	-1.55e-003	4.01e-003	-4.12e-002	-7.20e-006	-5.26e-005	-4.07e-006
510	2.10e-003	-6.45e-004	0.00	0.00	0.00	-6.48e-007
511	-6.47e-004	-4.99e-004	0.00	0.00	0.00	-4.85e-007
512	-2.21e-003	1.44e-004	0.00	0.00	0.00	-5.40e-007

SPOSTAMENTI NODALI "Neve" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00

25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	1.14e-004	-1.88e-005	-7.85e-004	-3.25e-006	8.31e-007	-4.50e-008
42	1.14e-004	-4.63e-005	-1.55e-003	1.15e-007	3.85e-008	-4.50e-008
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	9.62e-005	-1.88e-005	-7.54e-004	4.82e-007	1.36e-006	-4.50e-008
47	8.27e-005	-1.88e-005	-8.15e-004	-7.57e-007	1.44e-006	-4.50e-008
48	5.99e-005	-1.88e-005	-9.42e-004	4.43e-006	8.30e-007	-4.50e-008
49	9.62e-005	-4.63e-005	-2.67e-003	6.50e-007	4.62e-007	-4.50e-008
50	8.27e-005	-4.63e-005	-3.18e-003	5.01e-007	1.35e-006	-4.50e-008
51	5.99e-005	-4.63e-005	-1.97e-003	7.15e-007	7.08e-007	-4.50e-008
52	1.14e-004	-7.10e-005	-7.77e-004	1.56e-006	-9.07e-007	-4.50e-008
53	9.62e-005	-7.09e-005	-1.88e-003	2.50e-006	-8.18e-007	-4.50e-008
54	8.27e-005	-7.09e-005	-2.95e-003	9.82e-007	-4.19e-007	-4.50e-008
55	6.07e-005	-7.11e-005	-1.79e-003	-1.74e-008	-5.02e-007	-4.50e-008
56	6.17e-005	-1.07e-004	-1.36e-003	-3.31e-007	2.51e-007	-4.50e-008
57	8.27e-005	-1.07e-004	-1.67e-003	1.12e-006	1.06e-007	-4.50e-008
58	9.61e-005	-1.07e-004	-8.46e-004	2.19e-006	-4.46e-008	-4.50e-008
59	2.67e-004	-7.60e-005	-7.24e-004	2.41e-006	1.06e-006	-9.80e-008
60	2.67e-004	-1.13e-004	-1.06e-003	2.47e-006	-2.94e-007	-9.80e-008
61	2.67e-004	-1.40e-004	-4.99e-004	-7.64e-007	-7.88e-007	-9.80e-008
62	2.24e-004	-7.60e-005	-1.46e-003	4.84e-007	9.86e-007	-9.80e-008
63	2.24e-004	-1.13e-004	-2.31e-003	7.94e-007	8.69e-007	-9.80e-008
64	2.24e-004	-1.40e-004	-1.04e-003	1.71e-006	8.02e-007	-9.80e-008
65	1.86e-004	-7.60e-005	-1.50e-003	4.17e-007	1.09e-006	-9.80e-008
66	1.86e-004	-1.13e-004	-2.14e-003	5.40e-008	-4.90e-007	-9.80e-008
67	1.86e-004	-1.40e-004	-1.09e-003	-1.53e-007	-1.22e-006	-9.80e-008
68	1.44e-004	-7.60e-005	-1.28e-003	-3.70e-007	3.50e-007	-9.80e-008
69	1.44e-004	-1.13e-004	-2.01e-003	-1.26e-006	6.42e-007	-9.80e-008
70	1.44e-004	-1.40e-004	-9.34e-004	1.10e-006	-1.72e-007	-9.80e-008
71	1.15e-004	-7.60e-005	-1.01e-003	-3.58e-008	4.58e-007	-9.80e-008
72	1.15e-004	-1.13e-004	-1.28e-003	-9.69e-007	6.12e-007	-9.80e-008
73	1.15e-004	-1.40e-004	-1.34e-003	1.80e-006	-2.34e-007	-9.80e-008
74	8.52e-005	-7.60e-005	-1.13e-003	1.13e-006	7.20e-007	-9.80e-008
75	8.52e-005	-1.13e-004	-1.63e-003	1.39e-006	1.61e-006	-9.80e-008
76	8.52e-005	-1.40e-004	-2.26e-003	1.07e-006	2.19e-006	-9.80e-008
77	3.53e-005	-7.60e-005	-1.32e-003	-5.81e-007	-5.02e-007	-9.80e-008
78	3.53e-005	-1.13e-004	-1.13e-003	3.20e-007	8.01e-007	-9.80e-008
79	3.53e-005	-1.40e-004	-1.72e-003	-1.85e-007	2.01e-006	-9.80e-008
80	1.15e-004	-1.95e-004	-1.45e-003	1.21e-006	6.39e-007	-9.80e-008
81	8.52e-005	-1.95e-004	-4.03e-003	7.38e-007	1.14e-006	-9.80e-008
82	3.53e-005	-1.95e-004	-2.64e-003	8.29e-007	4.86e-007	-9.80e-008
83	1.54e-004	-2.57e-004	-8.56e-004	2.46e-006	2.71e-006	-9.80e-008
84	1.54e-004	-3.11e-004	-2.86e-003	2.21e-006	2.15e-006	-9.80e-008
85	1.54e-004	-3.71e-004	-3.38e-003	1.62e-006	-1.39e-006	-9.80e-008
86	1.15e-004	-2.57e-004	-2.33e-003	2.13e-006	1.13e-006	-9.80e-008
87	8.52e-005	-2.57e-004	-3.90e-003	-9.95e-007	-1.83e-007	-9.80e-008
88	3.53e-005	-2.57e-004	-2.60e-003	-3.61e-007	3.51e-007	-9.80e-008
89	1.15e-004	-3.11e-004	-3.59e-003	1.20e-006	6.27e-007	-9.80e-008

90 8.52e-005 -3.11e-004 -4.01e-003 1.17e-006 1.15e-006 -9.80e-008
91 3.55e-005 -3.11e-004 -3.43e-003 7.92e-007 1.69e-006 -9.80e-008
92 1.15e-004 -3.71e-004 -5.15e-003 1.42e-006 3.34e-006 -9.80e-008
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247	2.07e-004	-1.96e-003	-1.06e-002	7.20e-006	5.20e-006	-1.67e-006
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267	2.45e-004	-7.98e-004	-3.59e-003	1.37e-006	4.87e-006	-1.27e-006
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269	3.02e-004	-9.18e-004	-4.03e-003	3.99e-006	6.19e-006	-9.36e-007
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466 -2.34e-003 -2.45e-003 -1.10e-002 1.01e-005 -2.76e-005 1.09e-006
467 -2.48e-003 -2.38e-003 -9.48e-003 9.26e-006 -2.95e-005 1.89e-006
468 5.68e-005 -1.37e-003 -1.34e-002 1.11e-005 -1.73e-005 -1.66e-007
469 5.68e-005 -1.38e-003 -1.23e-002 1.07e-005 -2.11e-005 -1.66e-007
470 5.68e-005 -1.40e-003 -9.44e-003 9.45e-006 -2.53e-005 -1.66e-007
471 5.68e-005 -1.41e-003 -7.86e-003 8.01e-006 -2.73e-005 -1.66e-007
472 -2.42e-003 -2.23e-003 -7.87e-003 7.85e-006 -3.16e-005 4.13e-006
473 -1.96e-003 -1.88e-003 -6.60e-003 4.54e-006 -3.60e-006 1.00e-005
474 1.24e-005 -1.42e-003 -1.03e-002 6.31e-006 3.63e-006 -6.51e-007
475 6.55e-005 -1.46e-003 -1.06e-002 7.08e-006 2.38e-006 -7.19e-007
476 1.08e-004 -1.50e-003 -1.08e-002 7.94e-006 3.58e-006 -7.35e-007
477 1.23e-004 -1.54e-003 -1.11e-002 8.83e-006 2.98e-006 -7.38e-007
478 -9.29e-006 -1.44e-003 -4.86e-003 -1.08e-006 2.58e-005 -6.35e-006
479 -1.52e-004 -1.78e-003 -7.43e-003 2.71e-006 1.13e-005 4.92e-007

480	-3.77e-004	-1.76e-003	-7.22e-003	-5.61e-007	-1.71e-005	2.25e-006
481	-5.12e-004	-1.12e-003	-7.92e-003	-5.80e-007	1.66e-005	8.10e-007
482	-7.50e-004	-2.36e-004	-8.46e-003	-8.20e-006	-2.47e-005	1.03e-006
483	-8.66e-004	-1.02e-003	-6.32e-003	-3.33e-006	5.39e-005	-6.42e-006
484	-1.69e-003	-1.56e-003	-5.74e-003	2.01e-006	-1.57e-004	2.10e-005
485	1.04e-003	-1.99e-003	-2.06e-003	6.71e-006	4.03e-005	5.54e-006
486	6.52e-004	-1.56e-003	-5.92e-003	3.13e-006	8.40e-006	-6.38e-007
487	1.44e-004	-1.99e-003	-6.08e-003	6.36e-006	-3.28e-005	-1.87e-006
488	-1.94e-003	-2.85e-003	-1.07e-002	5.21e-006	3.37e-005	8.96e-007
489	-2.34e-003	-4.24e-003	-1.23e-002	9.11e-006	2.43e-005	2.93e-007
490	-3.75e-003	-3.27e-003	-7.02e-003	1.08e-005	-1.05e-004	2.57e-006
491	-3.75e-003	-3.28e-003	-3.42e-003	8.74e-006	-1.27e-004	-1.74e-007
492	-3.11e-003	-4.23e-003	-8.79e-003	1.22e-005	-1.84e-005	-7.09e-007
493	-4.27e-004	-2.85e-003	-6.37e-003	8.07e-006	5.53e-005	-4.24e-006
494	-2.76e-003	-2.85e-003	-9.45e-003	6.12e-006	1.03e-004	-1.45e-006
495	-1.02e-003	-4.23e-003	-3.20e-003	1.32e-005	-6.52e-005	-3.67e-006
496	5.52e-006	-6.95e-004	-3.72e-003	-6.19e-005	1.94e-005	1.99e-006
497	-6.48e-006	1.33e-005	-3.04e-003	-1.24e-005	-5.25e-006	-1.83e-006
498	8.66e-005	-1.63e-003	-1.99e-003	5.01e-005	4.53e-007	-1.62e-005
499	-6.13e-004	-1.41e-003	-4.11e-003	-1.12e-005	-3.27e-006	2.81e-006
500	-3.57e-004	-1.25e-003	-4.15e-003	9.53e-006	2.01e-006	-2.11e-006
501	2.30e-004	-1.06e-003	-3.60e-003	-1.57e-005	5.75e-007	1.82e-006
502	6.66e-004	-9.75e-004	-2.76e-003	-7.95e-007	2.09e-006	6.78e-007
503	6.54e-004	-9.03e-004	-3.19e-003	1.83e-005	3.79e-006	-1.07e-006
504	-1.53e-004	-2.19e-003	-2.50e-003	5.49e-005	-4.55e-006	-1.20e-005
505	-1.53e-004	-1.50e-003	-5.41e-003	-7.33e-006	-4.84e-006	1.10e-006
506	-7.59e-004	-1.20e-003	-5.03e-003	1.01e-005	-7.81e-006	-1.84e-006
507	-1.55e-004	-8.26e-004	-4.72e-003	-1.84e-005	-3.50e-006	6.03e-007
508	-1.64e-004	-8.73e-004	-2.97e-003	-4.07e-006	-3.81e-006	3.09e-007
509	6.63e-004	-2.72e-003	-2.90e-003	1.09e-005	6.49e-006	-8.84e-007
510	8.44e-005	-6.02e-005	0.00	0.00	0.00	-4.50e-008
511	1.07e-004	-2.55e-004	0.00	0.00	0.00	-9.80e-008
512	9.63e-005	-9.88e-004	0.00	0.00	0.00	-1.66e-007

SPOSTAMENTI NODALI "Accidentale sottotetto" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00

28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	5.65e-005	-2.35e-005	-9.10e-004	-3.76e-006	9.51e-007	-3.81e-008
42	5.65e-005	-4.67e-005	-1.98e-003	1.38e-007	1.29e-007	-3.81e-008
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	4.13e-005	-2.35e-005	-8.84e-004	5.66e-007	1.51e-006	-3.81e-008
47	2.99e-005	-2.35e-005	-9.59e-004	-8.96e-007	1.58e-006	-3.81e-008
48	1.06e-005	-2.35e-005	-1.10e-003	5.18e-006	1.10e-006	-3.81e-008
49	4.13e-005	-4.67e-005	-3.39e-003	7.37e-007	8.63e-007	-3.81e-008
50	2.99e-005	-4.67e-005	-3.76e-003	5.49e-007	1.70e-006	-3.81e-008
51	1.06e-005	-4.67e-005	-2.33e-003	7.25e-007	3.63e-007	-3.81e-008
52	5.65e-005	-6.76e-005	-9.36e-004	2.02e-006	-1.50e-006	-3.81e-008
53	4.13e-005	-6.75e-005	-2.38e-003	3.07e-006	-1.02e-006	-3.81e-008
54	2.99e-005	-6.75e-005	-3.67e-003	1.01e-006	-2.19e-007	-3.81e-008
55	1.12e-005	-6.77e-005	-2.03e-003	-2.23e-007	4.68e-007	-3.81e-008
56	1.21e-005	-9.81e-005	-1.54e-003	-3.19e-007	-2.10e-006	-3.81e-008
57	2.99e-005	-9.80e-005	-1.85e-003	1.14e-006	-8.28e-007	-3.81e-008
58	4.12e-005	-9.81e-005	-1.01e-003	2.22e-006	-1.34e-006	-3.81e-008
59	2.60e-004	-9.50e-005	-8.14e-004	-3.19e-006	9.70e-007	-9.73e-008
60	2.60e-004	-1.32e-004	-1.27e-003	-2.34e-006	-5.20e-007	-9.73e-008
61	2.60e-004	-1.58e-004	-5.65e-004	-1.36e-006	-1.30e-006	-9.73e-008
62	2.18e-004	-9.50e-005	-1.58e-003	2.89e-006	3.32e-007	-9.73e-008
63	2.18e-004	-1.32e-004	-2.65e-003	2.97e-006	3.75e-007	-9.73e-008
64	2.18e-004	-1.58e-004	-1.20e-003	2.12e-006	4.44e-007	-9.73e-008
65	1.80e-004	-9.50e-005	-1.64e-003	-6.22e-007	8.72e-007	-9.73e-008
66	1.80e-004	-1.32e-004	-2.49e-003	-9.89e-007	-6.96e-007	-9.73e-008
67	1.80e-004	-1.58e-004	-1.24e-003	-1.42e-007	-1.80e-006	-9.73e-008
68	1.38e-004	-9.50e-005	-1.42e-003	7.07e-007	-1.14e-006	-9.73e-008
69	1.38e-004	-1.32e-004	-2.38e-003	1.63e-007	6.53e-007	-9.73e-008
70	1.38e-004	-1.58e-004	-1.12e-003	1.51e-006	-5.68e-007	-9.73e-008
71	1.09e-004	-9.50e-005	-1.14e-003	8.46e-007	-3.08e-008	-9.73e-008
72	1.09e-004	-1.32e-004	-1.88e-003	5.13e-007	1.28e-006	-9.73e-008
73	1.09e-004	-1.58e-004	-1.81e-003	3.13e-006	-9.28e-007	-9.73e-008
74	7.99e-005	-9.50e-005	-1.37e-003	4.98e-007	-1.58e-006	-9.73e-008
75	7.99e-005	-1.32e-004	-2.37e-003	1.13e-006	4.13e-006	-9.73e-008
76	7.99e-005	-1.58e-004	-3.20e-003	1.16e-006	1.99e-006	-9.73e-008
77	3.02e-005	-9.50e-005	-9.41e-004	6.63e-007	-8.28e-007	-9.73e-008
78	3.02e-005	-1.32e-004	-1.60e-003	1.12e-006	2.52e-006	-9.73e-008
79	3.02e-005	-1.58e-004	-2.12e-003	-2.67e-007	7.33e-007	-9.73e-008
80	1.09e-004	-2.13e-004	-1.81e-003	1.66e-006	8.04e-007	-9.73e-008
81	7.99e-005	-2.13e-004	-4.89e-003	8.67e-007	9.72e-007	-9.73e-008
82	3.02e-005	-2.13e-004	-3.09e-003	1.35e-006	-5.31e-008	-9.73e-008
83	1.48e-004	-2.75e-004	-1.05e-003	2.88e-006	-3.47e-007	-9.73e-008
84	1.48e-004	-3.28e-004	-3.31e-003	2.36e-006	3.53e-006	-9.73e-008
85	1.48e-004	-3.88e-004	-4.32e-003	1.62e-006	-2.09e-006	-9.73e-008
86	1.09e-004	-2.75e-004	-2.89e-003	2.63e-006	6.55e-007	-9.73e-008
87	7.99e-005	-2.75e-004	-4.67e-003	-1.29e-006	-3.14e-007	-9.73e-008
88	3.02e-005	-2.75e-004	-3.05e-003	-3.29e-007	1.64e-006	-9.73e-008
89	1.09e-004	-3.28e-004	-4.21e-003	1.28e-006	1.97e-006	-9.73e-008
90	7.99e-005	-3.28e-004	-4.72e-003	1.23e-006	1.27e-006	-9.73e-008
91	3.05e-005	-3.28e-004	-4.02e-003	9.14e-007	3.96e-007	-9.73e-008
92	1.09e-004	-3.88e-004	-6.55e-003	1.45e-006	1.61e-006	-9.73e-008

93 7.99e-005 -3.88e-004 -7.26e-003 7.55e-007 3.07e-006 -9.73e-008
94 3.05e-005 -3.88e-004 -5.07e-003 2.45e-006 1.98e-006 -9.73e-008
95 1.48e-004 -4.41e-004 -2.00e-003 3.51e-006 -4.55e-007 -9.73e-008
96 1.09e-004 -4.41e-004 -5.05e-003 5.96e-006 -4.41e-006 -9.73e-008
97 7.99e-005 -4.41e-004 -7.89e-003 -6.51e-007 -3.27e-006 -9.73e-008
98 3.22e-005 -4.41e-004 -3.88e-003 1.34e-006 -7.43e-006 -9.73e-008
99 3.44e-005 -5.19e-004 -3.33e-003 1.54e-007 1.40e-005 -9.73e-008
100 7.99e-005 -5.19e-004 -3.99e-003 2.38e-006 3.12e-006 -9.73e-008
101 1.09e-004 -5.19e-004 -2.17e-003 4.43e-006 6.65e-006 -9.73e-008
102 -7.27e-006 -6.80e-005 -2.43e-004 1.56e-006 -9.66e-008 -1.89e-008
103 -1.25e-005 -1.21e-004 -4.37e-004 1.40e-008 2.04e-008 2.33e-008
104 1.80e-006 -1.14e-004 -6.34e-004 -7.20e-007 3.19e-007 6.80e-008
105 -1.82e-005 -1.43e-005 -2.78e-004 -8.83e-008 -2.56e-007 -3.43e-008
106 -3.83e-005 -1.16e-005 -4.49e-004 6.28e-008 -1.18e-007 -6.75e-008
107 -3.11e-005 -1.70e-005 -6.11e-004 1.55e-007 3.34e-007 -7.33e-008
108 -2.06e-005 6.04e-006 -2.92e-004 4.00e-007 -3.06e-007 1.80e-008
109 -4.59e-005 -1.43e-005 -4.77e-004 4.26e-008 -1.79e-007 3.16e-008
110 -4.37e-005 -2.08e-005 -6.58e-004 -1.44e-007 2.93e-007 6.40e-009
111 -1.64e-005 8.27e-005 -2.85e-004 -2.05e-006 -2.63e-007 -9.02e-009
112 -4.00e-005 1.46e-004 -5.25e-004 2.05e-007 -1.83e-007 -1.10e-007
113 -4.29e-005 1.20e-004 -7.70e-004 1.15e-006 1.82e-007 -1.87e-007
114 4.51e-005 -2.35e-005 -5.38e-004 8.54e-007 7.50e-007 -3.81e-008
115 4.89e-005 -2.35e-005 -4.86e-004 -3.35e-007 5.48e-007 -3.81e-008
116 5.27e-005 -2.35e-005 -5.30e-004 -7.56e-007 5.62e-007 -3.81e-008
117 3.28e-005 -2.35e-005 -6.47e-004 1.86e-006 9.76e-007 -3.81e-008
118 3.56e-005 -2.35e-005 -5.67e-004 4.47e-008 8.73e-007 -3.81e-008
119 3.85e-005 -2.35e-005 -6.17e-004 -1.34e-006 9.49e-007 -3.81e-008
120 1.54e-005 -2.35e-005 -5.74e-004 5.12e-007 4.27e-007 -3.81e-008
121 2.02e-005 -2.35e-005 -5.18e-004 4.71e-007 3.72e-007 -3.81e-008
122 2.51e-005 -2.35e-005 -5.47e-004 -1.99e-007 6.07e-007 -3.81e-008
123 -2.02e-006 -3.86e-005 -4.82e-004 -1.24e-006 -1.63e-007 1.83e-008
124 -1.72e-005 8.13e-005 -4.61e-004 -1.50e-006 -1.55e-007 1.40e-008
125 -2.78e-005 1.19e-004 -5.33e-004 1.42e-007 -3.81e-008 -7.21e-008
126 -1.95e-005 8.45e-005 -5.81e-004 8.40e-007 2.35e-007 -1.47e-007
127 -4.32e-006 4.99e-005 -5.32e-004 2.35e-007 -1.66e-007 4.81e-009
128 -1.88e-005 4.11e-005 -5.39e-004 2.83e-008 -1.24e-007 1.95e-008
129 -2.49e-005 3.42e-005 -5.24e-004 1.52e-007 2.94e-008 3.10e-008
130 -1.20e-005 1.25e-005 -5.17e-004 3.45e-007 2.53e-007 1.60e-008
131 -2.58e-006 1.12e-004 -4.45e-004 1.51e-006 -1.99e-007 -1.78e-008
132 -2.13e-005 -5.84e-007 -4.26e-004 1.40e-006 -1.99e-007 4.70e-009
133 -3.49e-005 -2.75e-005 -4.96e-004 2.08e-007 -5.60e-008 1.18e-007
134 -2.33e-005 -3.42e-005 -5.61e-004 -8.93e-007 3.28e-007 1.83e-007
135 -3.04e-007 -7.46e-005 -3.15e-004 -3.11e-006 -2.08e-007 2.77e-008
136 -2.32e-005 1.56e-005 -3.48e-004 -8.30e-007 -2.93e-007 4.78e-008
137 -4.54e-005 -4.55e-006 -4.75e-004 -4.16e-008 -1.37e-007 -3.27e-008
138 -3.68e-005 -8.56e-006 -6.09e-004 1.26e-006 3.57e-007 -1.73e-007
139 -1.32e-006 5.65e-007 -3.95e-004 6.81e-008 -2.25e-007 1.90e-009
140 -2.45e-005 -3.60e-006 -4.18e-004 8.08e-008 -2.58e-007 -8.86e-009
141 -4.27e-005 -8.90e-006 -4.70e-004 7.84e-008 -7.89e-008 -2.91e-008
142 -2.87e-005 -1.56e-005 -5.37e-004 5.77e-008 4.13e-007 -4.54e-008
143 -4.43e-007 7.45e-005 -3.10e-004 3.05e-006 -2.00e-007 -2.56e-008
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335 2.20e-004 -1.32e-003 -1.25e-002 5.95e-006 1.32e-005 -5.04e-007
336 1.63e-004 -1.35e-003 -1.35e-002 6.70e-006 1.07e-005 -5.18e-007
337 3.89e-005 -1.39e-003 -1.42e-002 7.46e-006 5.11e-006 -5.21e-007
338 -1.16e-004 -1.42e-003 -1.43e-002 8.22e-006 -9.52e-007 -5.21e-007
339 -2.68e-004 -1.45e-003 -1.40e-002 8.99e-006 -6.93e-006 -5.16e-007
340 -3.84e-004 -1.49e-003 -1.33e-002 9.74e-006 -1.23e-005 -4.98e-007
341 -4.27e-004 -1.52e-003 -1.22e-002 1.05e-005 -1.44e-005 -4.34e-007
342 -3.92e-004 -1.54e-003 -1.09e-002 1.11e-005 -1.89e-005 -2.53e-007
343 -2.55e-004 -1.55e-003 -9.72e-003 1.19e-005 -5.41e-006 -5.37e-007
344 5.34e-004 -1.48e-003 -1.13e-002 5.38e-006 1.61e-005 -7.21e-007
345 5.86e-004 -1.53e-003 -1.25e-002 5.99e-006 1.31e-005 -8.85e-007
346 4.47e-004 -1.59e-003 -1.35e-002 6.71e-006 1.09e-005 -9.27e-007
347 1.83e-004 -1.65e-003 -1.41e-002 7.46e-006 5.25e-006 -9.38e-007
348 -1.46e-004 -1.71e-003 -1.43e-002 8.23e-006 -9.52e-007 -9.40e-007
349 -4.68e-004 -1.77e-003 -1.40e-002 8.99e-006 -7.07e-006 -9.34e-007
350 -7.17e-004 -1.83e-003 -1.32e-002 9.76e-006 -1.25e-005 -9.13e-007
351 -8.29e-004 -1.88e-003 -1.22e-002 1.05e-005 -1.43e-005 -8.55e-007
352 -7.39e-004 -1.94e-003 -1.08e-002 1.13e-005 -1.71e-005 -7.51e-007

353 -4.39e-004 -1.99e-003 -9.81e-003 1.25e-005 -5.30e-006 -1.01e-006
354 1.02e-003 -1.67e-003 -1.13e-002 5.42e-006 2.07e-005 -9.55e-007
355 1.08e-003 -1.74e-003 -1.25e-002 6.00e-006 1.83e-005 -1.24e-006
356 8.23e-004 -1.82e-003 -1.35e-002 6.71e-006 1.37e-005 -1.33e-006
357 3.68e-004 -1.91e-003 -1.41e-002 7.46e-006 6.53e-006 -1.35e-006
358 -1.79e-004 -2.00e-003 -1.43e-002 8.23e-006 -1.07e-006 -1.36e-006
359 -7.18e-004 -2.08e-003 -1.40e-002 8.99e-006 -8.58e-006 -1.35e-006
360 -1.15e-003 -2.17e-003 -1.32e-002 9.76e-006 -1.55e-005 -1.34e-006
361 -1.37e-003 -2.25e-003 -1.21e-002 1.06e-005 -1.97e-005 -1.29e-006
362 -1.25e-003 -2.33e-003 -1.08e-002 1.14e-005 -2.16e-005 -1.16e-006
363 -6.16e-004 -2.42e-003 -9.85e-003 1.08e-005 -4.67e-006 -1.63e-006
364 -8.76e-005 -1.17e-003 -1.01e-002 1.17e-005 4.35e-006 -1.02e-007
365 3.99e-004 -2.24e-003 -2.35e-002 1.24e-005 1.00e-005 7.44e-007
366 -2.02e-004 -2.20e-003 -2.39e-002 1.17e-005 1.40e-007 7.46e-007
367 -8.76e-005 -1.18e-003 -1.10e-002 1.08e-005 4.39e-006 -1.02e-007
368 -8.76e-005 -1.19e-003 -1.14e-002 8.92e-006 2.00e-007 -1.02e-007
369 -8.54e-004 -2.16e-003 -2.36e-002 1.11e-005 -1.05e-005 7.48e-007
370 -1.52e-003 -2.12e-003 -2.28e-002 1.04e-005 -2.13e-005 7.51e-007
371 -8.76e-005 -1.21e-003 -1.11e-002 7.00e-006 -3.95e-006 -1.02e-007
372 -8.76e-005 -1.22e-003 -1.02e-002 5.20e-006 -3.79e-006 -1.02e-007
373 -2.16e-003 -2.08e-003 -2.13e-002 9.77e-006 -3.18e-005 7.59e-007
374 -2.73e-003 -2.04e-003 -1.92e-002 9.11e-006 -4.11e-005 7.83e-007
375 -8.76e-005 -1.23e-003 -1.10e-002 4.82e-006 1.53e-005 -1.02e-007
376 -8.76e-005 -1.24e-003 -1.34e-002 5.53e-006 1.32e-005 -1.02e-007
377 -3.21e-003 -1.99e-003 -1.66e-002 8.40e-006 -4.98e-005 8.54e-007
378 -3.54e-003 -1.94e-003 -1.36e-002 7.61e-006 -5.35e-005 1.06e-006
379 -8.76e-005 -1.25e-003 -1.47e-002 6.25e-006 4.01e-006 -1.02e-007
380 -8.76e-005 -1.27e-003 -1.44e-002 6.96e-006 -5.80e-006 -1.02e-007
381 -3.73e-003 -1.87e-003 -1.02e-002 6.59e-006 -6.17e-005 1.62e-006
382 -3.87e-003 -1.75e-003 -7.07e-003 4.80e-006 -4.83e-005 3.05e-006
383 -8.76e-005 -1.28e-003 -1.29e-002 7.33e-006 -9.67e-006 -1.02e-007
384 -1.25e-004 -1.58e-003 -1.00e-002 1.21e-005 7.28e-006 -2.08e-007
385 -6.13e-005 -1.58e-003 -1.05e-002 1.16e-005 4.25e-006 2.62e-007
386 -3.35e-005 -1.56e-003 -1.10e-002 1.08e-005 4.69e-006 4.35e-007
387 -4.67e-005 -1.53e-003 -1.13e-002 9.87e-006 2.50e-006 4.90e-007
388 -8.02e-005 -1.51e-003 -1.14e-002 8.92e-006 1.84e-007 5.07e-007
389 -1.13e-004 -1.48e-003 -1.13e-002 7.97e-006 -2.13e-006 5.09e-007
390 -1.26e-004 -1.45e-003 -1.10e-002 7.01e-006 -4.28e-006 5.02e-007
391 -9.61e-005 -1.42e-003 -1.06e-002 6.09e-006 -3.79e-006 4.75e-007
392 -3.06e-005 -1.40e-003 -1.01e-002 5.26e-006 -6.79e-006 3.81e-007
393 1.01e-004 -1.39e-003 -9.83e-003 4.82e-006 5.93e-006 -6.55e-010
394 -1.52e-004 -2.01e-003 -1.00e-002 1.24e-005 4.95e-006 1.82e-007
395 9.48e-006 -1.99e-003 -1.05e-002 1.16e-005 4.50e-006 7.63e-007
396 4.94e-005 -1.94e-003 -1.09e-002 1.08e-005 4.93e-006 9.99e-007
397 9.87e-006 -1.88e-003 -1.12e-002 9.87e-006 2.69e-006 1.09e-006
398 -7.31e-005 -1.82e-003 -1.13e-002 8.92e-006 1.87e-007 1.11e-006
399 -1.55e-004 -1.76e-003 -1.13e-002 7.97e-006 -2.31e-006 1.12e-006
400 -1.93e-004 -1.70e-003 -1.10e-002 7.03e-006 -4.52e-006 1.10e-006
401 -1.50e-004 -1.64e-003 -1.06e-002 6.14e-006 -4.01e-006 1.03e-006
402 1.52e-005 -1.59e-003 -1.01e-002 5.38e-006 -4.49e-006 7.99e-007
403 3.04e-004 -1.56e-003 -9.93e-003 4.98e-006 6.01e-006 9.06e-008
404 -5.35e-005 -2.44e-003 -1.00e-002 1.24e-005 8.77e-006 3.00e-007
405 1.91e-004 -2.39e-003 -1.05e-002 1.17e-005 8.82e-006 1.24e-006
406 2.14e-004 -2.31e-003 -1.09e-002 1.08e-005 7.22e-006 1.56e-006
407 1.05e-004 -2.22e-003 -1.12e-002 9.87e-006 3.82e-006 1.68e-006
408 -6.65e-005 -2.13e-003 -1.13e-002 8.92e-006 1.66e-007 1.72e-006
409 -2.37e-004 -2.04e-003 -1.12e-002 7.97e-006 -3.47e-006 1.72e-006
410 -3.43e-004 -1.94e-003 -1.10e-002 7.04e-006 -6.86e-006 1.68e-006
411 -3.16e-004 -1.85e-003 -1.06e-002 6.16e-006 -8.39e-006 1.54e-006
412 -6.31e-005 -1.78e-003 -1.01e-002 5.43e-006 -8.33e-006 1.16e-006
413 5.16e-004 -1.74e-003 -9.97e-003 5.02e-006 6.31e-006 1.55e-007
414 2.39e-004 -1.40e-003 -1.09e-002 4.87e-006 1.93e-005 -2.64e-007
415 2.81e-004 -1.42e-003 -1.22e-002 5.18e-006 1.50e-005 -3.03e-007
416 2.57e-004 -1.43e-003 -1.33e-002 5.53e-006 1.37e-005 -3.10e-007
417 1.67e-004 -1.45e-003 -1.42e-002 5.89e-006 9.11e-006 -3.11e-007

418 4.30e-005 -1.47e-003 -1.46e-002 6.25e-006 4.03e-006 -3.10e-007
419 -8.62e-005 -1.49e-003 -1.47e-002 6.62e-006 -1.23e-006 -3.05e-007
420 -1.92e-004 -1.51e-003 -1.44e-002 6.96e-006 -6.20e-006 -2.87e-007
421 -2.45e-004 -1.52e-003 -1.37e-002 7.28e-006 -8.48e-006 -2.31e-007
422 -2.37e-004 -1.54e-003 -1.28e-002 7.48e-006 -1.33e-005 -1.02e-007
423 -1.34e-004 -1.54e-003 -1.20e-002 7.57e-006 -2.12e-006 -1.63e-007
424 6.01e-004 -1.57e-003 -1.09e-002 4.98e-006 1.71e-005 -3.65e-007
425 7.09e-004 -1.60e-003 -1.22e-002 5.22e-006 1.51e-005 -4.82e-007
426 6.37e-004 -1.63e-003 -1.33e-002 5.54e-006 1.39e-005 -5.11e-007
427 4.42e-004 -1.66e-003 -1.41e-002 5.89e-006 9.30e-006 -5.18e-007
428 1.77e-004 -1.69e-003 -1.46e-002 6.26e-006 4.07e-006 -5.17e-007
429 -9.96e-005 -1.72e-003 -1.47e-002 6.62e-006 -1.35e-006 -5.11e-007
430 -3.27e-004 -1.75e-003 -1.43e-002 6.98e-006 -6.36e-006 -4.88e-007
431 -4.53e-004 -1.78e-003 -1.37e-002 7.35e-006 -8.60e-006 -4.24e-007
432 -4.19e-004 -1.80e-003 -1.28e-002 7.75e-006 -1.09e-005 -2.81e-007
433 -1.93e-004 -1.81e-003 -1.21e-002 8.08e-006 -2.79e-006 -1.86e-007
434 1.12e-003 -1.75e-003 -1.09e-002 5.03e-006 2.17e-005 -4.30e-007
435 1.27e-003 -1.78e-003 -1.22e-002 5.23e-006 2.03e-005 -6.35e-007
436 1.12e-003 -1.82e-003 -1.33e-002 5.55e-006 1.68e-005 -7.01e-007
437 7.70e-004 -1.87e-003 -1.41e-002 5.90e-006 1.08e-005 -7.21e-007
438 3.19e-004 -1.91e-003 -1.46e-002 6.26e-006 4.31e-006 -7.25e-007
439 -1.48e-004 -1.95e-003 -1.46e-002 6.62e-006 -2.43e-006 -7.20e-007
440 -5.44e-004 -2.00e-003 -1.43e-002 6.99e-006 -8.80e-006 -7.03e-007
441 -7.79e-004 -2.04e-003 -1.37e-002 7.38e-006 -1.32e-005 -6.59e-007
442 -7.42e-004 -2.08e-003 -1.28e-002 7.87e-006 -1.54e-005 -5.17e-007
443 -3.27e-004 -2.10e-003 -1.22e-002 8.37e-006 -6.34e-006 -1.05e-007
444 -8.76e-005 -1.29e-003 -1.25e-002 7.84e-006 6.51e-006 -1.02e-007
445 -8.76e-005 -1.30e-003 -1.36e-002 1.01e-005 6.30e-006 -1.02e-007
446 -8.76e-005 -1.31e-003 -1.41e-002 1.23e-005 2.90e-006 -1.02e-007
447 -8.76e-005 -1.32e-003 -1.41e-002 1.45e-005 4.12e-007 -1.02e-007
448 -8.76e-005 -1.33e-003 -1.38e-002 1.54e-005 3.10e-006 -1.02e-007
449 2.28e-003 -2.96e-003 -1.55e-002 1.56e-005 3.83e-005 7.13e-007
450 2.62e-003 -2.91e-003 -1.75e-002 1.50e-005 3.78e-005 1.02e-006
451 2.55e-003 -2.85e-003 -1.94e-002 1.43e-005 3.61e-005 1.11e-006
452 2.18e-003 -2.79e-003 -2.12e-002 1.37e-005 2.99e-005 1.15e-006
453 1.56e-003 -2.73e-003 -2.25e-002 1.30e-005 2.22e-005 1.16e-006
454 -8.76e-005 -1.34e-003 -1.56e-002 1.47e-005 2.96e-005 -1.02e-007
455 -8.76e-005 -1.35e-003 -1.76e-002 1.47e-005 2.86e-005 -1.02e-007
456 7.46e-004 -2.67e-003 -2.34e-002 1.24e-005 1.25e-005 1.17e-006
457 -2.00e-004 -2.61e-003 -2.38e-002 1.17e-005 1.55e-006 1.17e-006
458 -1.22e-003 -2.55e-003 -2.36e-002 1.11e-005 -1.02e-005 1.17e-006
459 -2.26e-003 -2.48e-003 -2.27e-002 1.04e-005 -2.20e-005 1.18e-006
460 -8.76e-005 -1.36e-003 -2.13e-002 1.36e-005 2.41e-005 -1.02e-007
461 -8.76e-005 -1.37e-003 -2.27e-002 1.30e-005 1.78e-005 -1.02e-007
462 -8.76e-005 -1.38e-003 -2.40e-002 1.17e-005 -2.40e-007 -1.02e-007
463 -8.76e-005 -1.38e-003 -2.37e-002 1.11e-005 -1.06e-005 -1.02e-007
464 -3.27e-003 -2.42e-003 -2.12e-002 9.77e-006 -3.36e-005 1.19e-006
465 -4.17e-003 -2.36e-003 -1.92e-002 9.10e-006 -4.39e-005 1.24e-006
466 -4.93e-003 -2.29e-003 -1.66e-002 8.39e-006 -5.39e-005 1.35e-006
467 -5.48e-003 -2.21e-003 -1.36e-002 7.60e-006 -5.99e-005 1.66e-006
468 -8.76e-005 -1.39e-003 -2.14e-002 9.78e-006 -3.13e-005 -1.02e-007
469 -8.76e-005 -1.40e-003 -1.93e-002 9.12e-006 -4.04e-005 -1.02e-007
470 -8.76e-005 -1.41e-003 -1.37e-002 7.65e-006 -5.34e-005 -1.02e-007
471 -8.76e-005 -1.42e-003 -1.04e-002 6.56e-006 -5.91e-005 -1.02e-007
472 -5.70e-003 -2.10e-003 -1.02e-002 6.58e-006 -6.71e-005 2.53e-006
473 -5.34e-003 -1.92e-003 -7.14e-003 4.80e-006 -2.78e-005 4.82e-006
474 -2.79e-005 -1.57e-003 -1.24e-002 8.01e-006 9.31e-006 -7.27e-007
475 2.44e-005 -1.61e-003 -1.30e-002 9.00e-006 6.10e-006 -8.06e-007
476 5.21e-005 -1.65e-003 -1.35e-002 1.01e-005 6.55e-006 -8.21e-007
477 4.78e-005 -1.70e-003 -1.39e-002 1.12e-005 4.63e-006 -8.23e-007
478 5.42e-004 -1.23e-003 -4.31e-003 -2.82e-006 2.43e-006 -1.56e-006
479 3.54e-004 -1.29e-003 -6.26e-003 -4.51e-007 7.62e-007 7.92e-008
480 1.03e-004 -1.21e-003 -6.19e-003 -4.48e-006 2.40e-006 1.20e-006
481 -5.26e-005 -1.15e-003 -7.02e-003 -1.49e-006 -5.57e-007 -1.17e-007
482 -2.87e-004 -8.30e-004 -7.89e-003 -1.99e-006 2.80e-006 1.14e-006

483	-4.53e-004	-2.84e-004	-5.77e-003	-6.61e-006	-1.35e-005	-1.33e-006
484	-1.01e-003	-1.18e-003	-5.15e-003	-4.41e-006	2.29e-005	5.83e-006
485	5.81e-004	-2.55e-003	-2.11e-003	9.67e-006	1.43e-007	1.47e-006
486	2.29e-004	-2.02e-003	-5.79e-003	6.21e-006	5.41e-006	3.08e-007
487	-2.34e-004	-2.34e-003	-6.74e-003	8.42e-006	-4.49e-006	-2.28e-006
488	-2.16e-003	-3.45e-003	-1.22e-002	6.94e-006	-2.77e-006	1.55e-006
489	-2.27e-003	-5.10e-003	-1.39e-002	1.45e-005	-1.86e-005	1.57e-006
490	-2.86e-003	-3.47e-003	-7.14e-003	1.26e-005	2.15e-005	3.43e-006
491	-3.82e-003	-3.47e-003	-3.31e-003	1.05e-005	1.03e-005	2.72e-006
492	-3.55e-003	-5.09e-003	-8.48e-003	1.52e-005	-1.28e-005	-6.70e-007
493	-9.97e-004	-3.45e-003	-6.74e-003	1.01e-005	-7.08e-006	-4.80e-006
494	-3.49e-003	-3.45e-003	-1.07e-002	7.82e-006	-5.37e-006	-9.09e-007
495	-1.00e-003	-5.10e-003	-3.06e-003	1.38e-005	-5.59e-006	-4.45e-006
496	6.85e-004	-8.07e-004	-1.91e-003	-2.93e-006	1.52e-006	-5.34e-006
497	5.91e-004	-1.19e-003	-3.26e-003	-7.33e-007	4.96e-006	6.46e-007
498	2.50e-006	-1.37e-003	-1.65e-003	-6.18e-006	1.68e-006	-1.23e-006
499	2.96e-005	-1.23e-003	-3.21e-003	4.92e-006	5.15e-007	-8.53e-008
500	-9.73e-005	-1.13e-003	-3.33e-003	-2.03e-006	4.70e-006	6.16e-007
501	2.46e-003	-9.94e-004	-2.89e-003	6.04e-008	1.11e-005	7.72e-006
502	5.51e-003	-9.33e-004	-2.29e-003	6.40e-007	1.95e-005	9.18e-006
503	7.53e-003	-8.92e-004	-2.76e-003	8.77e-008	1.96e-005	-2.40e-006
504	-4.07e-004	-2.41e-003	-2.57e-003	2.14e-006	-4.05e-006	-1.73e-007
505	-2.75e-004	-1.77e-003	-5.40e-003	8.09e-006	-3.55e-006	-6.05e-007
506	-8.72e-004	-1.47e-003	-5.06e-003	-2.39e-007	-6.20e-006	2.42e-007
507	-4.22e-004	-1.14e-003	-4.85e-003	1.53e-006	-4.04e-006	-1.56e-007
508	-5.73e-004	-1.16e-003	-3.82e-003	2.19e-006	-3.60e-006	1.22e-006
509	-5.82e-004	-3.37e-003	-3.06e-003	1.44e-005	-9.44e-007	-7.35e-007
510	3.13e-005	-5.85e-005	0.00	0.00	0.00	-3.81e-008
511	1.02e-004	-2.73e-004	0.00	0.00	0.00	-9.73e-008
512	-6.34e-005	-1.16e-003	0.00	0.00	0.00	-1.02e-007

SPOSTAMENTI NODALI "Accidentale di piano" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00

31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	6.45e-003	-5.18e-005	-2.74e-003	-1.19e-005	7.74e-005	1.22e-006
42	6.45e-003	6.89e-004	-8.27e-003	-4.43e-006	-1.02e-005	1.22e-006
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	6.93e-003	-5.18e-005	-2.65e-003	1.20e-006	9.23e-005	1.22e-006
47	7.30e-003	-5.18e-005	-2.91e-003	-3.16e-006	1.00e-004	1.22e-006
48	7.91e-003	-5.18e-005	-3.29e-003	1.47e-005	9.23e-005	1.22e-006
49	6.93e-003	6.89e-004	-1.40e-002	-5.93e-007	-1.06e-005	1.22e-006
50	7.30e-003	6.89e-004	-1.56e-002	1.25e-006	-2.08e-006	1.22e-006
51	7.91e-003	6.89e-004	-9.95e-003	-1.29e-005	-6.37e-006	1.22e-006
52	6.45e-003	1.35e-003	-3.50e-003	-2.61e-007	-6.21e-005	1.22e-006
53	6.93e-003	1.35e-003	-8.71e-003	2.64e-005	-8.63e-005	1.22e-006
54	7.30e-003	1.35e-003	-1.45e-002	4.23e-005	-1.12e-004	1.22e-006
55	7.89e-003	1.36e-003	-7.48e-003	-4.72e-005	-7.50e-005	1.22e-006
56	7.86e-003	2.33e-003	-5.96e-003	-1.32e-004	5.44e-005	1.22e-006
57	7.30e-003	2.32e-003	-8.66e-003	4.74e-005	7.65e-005	1.22e-006
58	6.93e-003	2.33e-003	-3.67e-003	3.43e-005	4.52e-005	1.22e-006
59	2.36e-004	-1.65e-003	-1.56e-003	7.55e-005	1.61e-006	1.20e-006
60	2.36e-004	-1.19e-003	-2.47e-003	9.33e-005	-1.34e-006	1.20e-006
61	2.36e-004	-8.65e-004	-1.15e-003	5.67e-005	-3.30e-006	1.20e-006
62	7.54e-004	-1.65e-003	-3.23e-003	-1.75e-005	1.06e-006	1.20e-006
63	7.54e-004	-1.19e-003	-5.55e-003	-2.41e-005	3.18e-007	1.20e-006
64	7.54e-004	-8.65e-004	-2.29e-003	-1.27e-005	2.19e-007	1.20e-006
65	1.22e-003	-1.65e-003	-3.21e-003	1.52e-005	3.79e-006	1.20e-006
66	1.22e-003	-1.19e-003	-5.10e-003	1.77e-005	-2.05e-006	1.20e-006
67	1.22e-003	-8.65e-004	-2.38e-003	1.10e-005	-4.05e-006	1.20e-006
68	1.74e-003	-1.65e-003	-2.90e-003	-1.91e-005	6.85e-006	1.20e-006
69	1.74e-003	-1.19e-003	-5.00e-003	-2.32e-005	-9.38e-007	1.20e-006
70	1.74e-003	-8.65e-004	-2.14e-003	-1.12e-005	5.51e-006	1.20e-006
71	2.10e-003	-1.65e-003	-2.20e-003	-1.42e-005	3.02e-005	1.20e-006
72	2.10e-003	-1.19e-003	-3.50e-003	-2.53e-005	-1.29e-005	1.20e-006
73	2.10e-003	-8.65e-004	-3.48e-003	-4.91e-006	2.39e-005	1.20e-006
74	2.46e-003	-1.65e-003	-2.74e-003	4.95e-006	7.00e-005	1.20e-006
75	2.46e-003	-1.19e-003	-5.01e-003	4.48e-006	-3.20e-005	1.20e-006
76	2.46e-003	-8.65e-004	-6.46e-003	5.15e-006	6.27e-005	1.20e-006
77	3.08e-003	-1.65e-003	-1.81e-003	1.62e-006	4.72e-005	1.20e-006
78	3.08e-003	-1.19e-003	-3.21e-003	2.93e-006	-2.04e-005	1.20e-006
79	3.08e-003	-8.65e-004	-4.22e-003	-1.05e-006	4.09e-005	1.20e-006
80	2.10e-003	-1.90e-004	-3.62e-003	1.27e-006	2.26e-006	1.20e-006
81	2.46e-003	-1.90e-004	-9.83e-003	1.85e-006	2.95e-005	1.20e-006
82	3.08e-003	-1.90e-004	-6.22e-003	1.47e-006	1.85e-005	1.20e-006
83	1.62e-003	5.80e-004	-2.03e-003	5.26e-006	8.09e-005	1.20e-006
84	1.62e-003	1.24e-003	-7.72e-003	1.34e-006	-2.11e-006	1.20e-006
85	1.62e-003	1.98e-003	-1.29e-002	1.16e-006	-8.93e-007	1.20e-006
86	2.10e-003	5.80e-004	-5.73e-003	4.71e-006	3.83e-005	1.20e-006
87	2.46e-003	5.80e-004	-9.38e-003	-2.66e-006	-4.20e-005	1.20e-006
88	3.08e-003	5.80e-004	-6.08e-003	-3.29e-006	-2.43e-005	1.20e-006
89	2.10e-003	1.24e-003	-9.40e-003	-1.67e-006	1.44e-005	1.20e-006
90	2.46e-003	1.24e-003	-1.07e-002	-1.73e-006	3.40e-005	1.20e-006
91	3.07e-003	1.24e-003	-9.21e-003	-2.93e-006	2.51e-005	1.20e-006
92	2.10e-003	1.98e-003	-2.00e-002	-4.47e-007	-2.49e-005	1.20e-006
93	2.46e-003	1.98e-003	-2.21e-002	-3.74e-006	-5.02e-005	1.20e-006
94	3.07e-003	1.98e-003	-1.52e-002	-1.77e-006	-3.66e-005	1.20e-006
95	1.62e-003	2.64e-003	-5.66e-003	9.04e-006	-7.67e-005	1.20e-006

96	2.10e-003	2.63e-003	-1.42e-002	1.52e-005	1.86e-005	1.20e-006
97	2.46e-003	2.63e-003	-2.29e-002	-8.99e-006	1.61e-004	1.20e-006
98	3.05e-003	2.64e-003	-1.13e-002	6.72e-006	9.01e-005	1.20e-006
99	3.03e-003	3.60e-003	-9.50e-003	2.03e-005	-2.70e-004	1.20e-006
100	2.46e-003	3.60e-003	-1.31e-002	-2.21e-006	-3.72e-004	1.20e-006
101	2.11e-003	3.60e-003	-6.04e-003	1.23e-005	-1.85e-004	1.20e-006
102	-2.21e-004	-1.99e-004	-7.33e-004	4.65e-006	-1.76e-006	1.28e-006
103	1.16e-006	-3.54e-004	-1.32e-003	-1.46e-008	8.50e-006	5.57e-006
104	1.74e-003	-3.32e-004	-1.91e-003	-2.13e-006	3.07e-005	9.28e-006
105	-3.38e-004	-3.63e-005	-8.37e-004	-2.87e-007	-3.06e-006	-1.17e-006
106	-1.76e-004	-2.46e-005	-1.35e-003	1.48e-007	8.50e-006	-2.02e-006
107	1.68e-003	-3.88e-005	-1.84e-003	4.87e-007	3.35e-005	-1.39e-006
108	-3.46e-004	2.32e-005	-8.84e-004	1.18e-006	-3.52e-006	1.57e-006
109	-2.17e-004	-3.40e-005	-1.44e-003	7.73e-008	8.06e-006	3.17e-006
110	1.66e-003	-5.08e-005	-1.99e-003	-4.28e-007	3.45e-005	2.64e-006
111	-1.60e-004	2.49e-004	-8.50e-004	-6.13e-006	-8.55e-007	-2.51e-006
112	2.01e-004	4.42e-004	-1.57e-003	5.38e-007	1.06e-005	-7.63e-006
113	2.26e-003	3.62e-004	-2.30e-003	3.49e-006	3.58e-005	-1.02e-005
114	6.81e-003	-5.18e-005	-1.62e-003	2.60e-006	5.43e-005	1.22e-006
115	6.69e-003	-5.18e-005	-1.46e-003	-1.11e-006	4.47e-005	1.22e-006
116	6.57e-003	-5.18e-005	-1.59e-003	-2.24e-006	4.79e-005	1.22e-006
117	7.21e-003	-5.18e-005	-1.96e-003	5.73e-006	6.90e-005	1.22e-006
118	7.11e-003	-5.18e-005	-1.71e-003	5.02e-008	6.28e-005	1.22e-006
119	7.02e-003	-5.18e-005	-1.85e-003	-3.93e-006	6.56e-005	1.22e-006
120	7.76e-003	-5.18e-005	-1.72e-003	1.51e-006	4.85e-005	1.22e-006
121	7.60e-003	-5.18e-005	-1.56e-003	1.29e-006	4.19e-005	1.22e-006
122	7.45e-003	-5.18e-005	-1.65e-003	-6.15e-007	5.22e-005	1.22e-006
123	-3.14e-004	-1.17e-004	-1.44e-003	-3.75e-006	2.65e-006	2.38e-006
124	3.70e-005	2.45e-004	-1.38e-003	-4.51e-006	5.82e-006	-5.31e-007
125	1.05e-003	3.61e-004	-1.59e-003	3.58e-007	1.71e-005	-5.08e-006
126	3.53e-003	2.61e-004	-1.74e-003	2.55e-006	3.61e-005	-7.75e-006
127	-5.21e-004	1.49e-004	-1.60e-003	6.65e-007	4.57e-006	3.09e-007
128	1.18e-005	1.26e-004	-1.62e-003	5.21e-008	8.31e-006	1.14e-006
129	1.26e-003	1.08e-004	-1.58e-003	4.11e-007	1.98e-005	2.07e-006
130	3.82e-003	4.91e-005	-1.55e-003	9.48e-007	3.45e-005	2.25e-006
131	-3.54e-004	3.39e-004	-1.34e-003	4.50e-006	6.79e-007	-2.29e-006
132	-1.99e-004	1.10e-006	-1.28e-003	4.18e-006	3.24e-006	1.51e-006
133	5.83e-004	-7.58e-005	-1.50e-003	5.74e-007	1.48e-005	7.91e-006
134	2.99e-003	-9.25e-005	-1.69e-003	-2.70e-006	3.71e-005	1.16e-005
135	-1.24e-004	-2.21e-004	-9.50e-004	-9.37e-006	-4.13e-006	2.56e-006
136	-4.89e-004	5.30e-005	-1.05e-003	-2.52e-006	-3.35e-006	2.02e-006
137	-2.78e-004	-3.56e-006	-1.44e-003	-1.30e-007	9.39e-006	-7.42e-007
138	1.85e-003	-1.32e-005	-1.84e-003	3.92e-006	3.70e-005	-6.68e-006
139	-2.25e-004	7.93e-006	-1.19e-003	2.56e-007	-3.93e-006	-2.43e-008
140	-5.55e-004	-4.02e-006	-1.26e-003	2.42e-007	-2.10e-006	-1.90e-007
141	-2.11e-004	-1.57e-005	-1.42e-003	2.33e-007	1.15e-005	-5.00e-007
142	2.11e-003	-3.21e-005	-1.62e-003	1.38e-007	3.90e-005	-3.94e-007
143	-1.22e-004	2.29e-004	-9.32e-004	9.20e-006	-4.04e-006	-2.52e-006
144	-4.67e-004	-6.35e-005	-1.03e-003	2.69e-006	-3.00e-006	-2.11e-006
145	-2.19e-004	-4.04e-005	-1.39e-003	6.21e-007	9.72e-006	2.35e-007
146	1.89e-003	-6.59e-005	-1.75e-003	-2.44e-006	3.61e-005	6.00e-006
147	-1.92e-004	-3.01e-004	-1.09e-003	-6.44e-006	-1.70e-006	2.24e-006
148	-2.82e-004	-7.83e-006	-1.10e-003	-3.08e-006	1.89e-007	-2.92e-007
149	2.13e-004	-1.77e-005	-1.36e-003	-3.09e-007	1.16e-005	-5.12e-006
150	2.34e-003	-1.40e-005	-1.61e-003	2.95e-006	3.45e-005	-9.35e-006
151	-3.09e-004	-9.71e-005	-1.32e-003	-3.05e-007	6.02e-008	-1.27e-007
152	-2.15e-004	-1.11e-004	-1.37e-003	3.79e-007	3.18e-006	-7.75e-007
153	5.68e-004	-1.36e-004	-1.38e-003	2.51e-008	1.50e-005	-1.53e-006
154	2.84e-003	-1.18e-004	-1.42e-003	-6.23e-007	3.34e-005	-1.22e-006
155	-1.78e-004	1.60e-004	-1.11e-003	6.26e-006	-7.40e-007	-2.20e-006
156	-1.63e-004	-2.06e-004	-1.12e-003	3.73e-006	1.74e-006	-3.05e-007
157	4.63e-004	-3.00e-004	-1.37e-003	1.33e-007	1.28e-005	3.40e-006
158	2.56e-003	-2.79e-004	-1.58e-003	-1.94e-006	3.21e-005	7.32e-006
159	-3.58e-004	-2.82e-003	-1.62e-003	-7.73e-006	-2.25e-007	9.57e-007
160	-3.58e-004	-2.46e-003	-2.47e-003	-6.40e-006	-2.92e-006	9.57e-007

161 -3.58e-004 -2.20e-003 -1.21e-003 -2.53e-006 -4.15e-006 9.57e-007
162 5.38e-005 -2.82e-003 -3.18e-003 5.16e-006 -1.56e-006 9.57e-007
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164 5.38e-005 -2.20e-003 -2.25e-003 3.92e-006 -4.74e-006 9.57e-007
165 4.27e-004 -2.82e-003 -3.29e-003 -1.78e-006 1.28e-006 9.57e-007
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198 1.88e-003 5.89e-004 -1.13e-002 -9.69e-007 -1.75e-005 9.57e-007
199 1.86e-003 1.35e-003 -9.58e-003 -3.16e-006 3.08e-005 9.57e-007
200 1.41e-003 1.35e-003 -1.31e-002 1.13e-005 2.70e-005 9.57e-007
201 1.13e-003 1.35e-003 -6.17e-003 1.61e-005 1.49e-005 9.57e-007
202 1.41e-003 -2.40e-003 -5.20e-003 5.48e-006 5.13e-006 9.57e-007
203 1.41e-003 -2.35e-003 -5.49e-003 6.41e-006 5.70e-006 9.57e-007
204 1.41e-003 -2.30e-003 -5.80e-003 7.31e-006 5.29e-006 9.57e-007
205 1.41e-003 -2.25e-003 -6.12e-003 7.89e-006 6.07e-006 9.57e-007
206 1.41e-003 -2.09e-003 -7.14e-003 8.16e-006 6.06e-006 9.57e-007
207 1.41e-003 -1.98e-003 -7.89e-003 7.68e-006 6.27e-006 9.57e-007
208 1.41e-003 -1.88e-003 -8.61e-003 7.09e-006 5.62e-006 9.57e-007
209 1.41e-003 -1.77e-003 -9.21e-003 6.51e-006 4.19e-006 9.57e-007
210 1.41e-003 -1.54e-003 -9.74e-003 6.92e-006 2.71e-007 9.57e-007
211 1.41e-003 -1.42e-003 -9.68e-003 8.01e-006 -7.21e-007 9.57e-007
212 1.41e-003 -1.29e-003 -9.52e-003 9.10e-006 -1.17e-006 9.57e-007
213 1.41e-003 -1.17e-003 -9.34e-003 1.01e-005 -9.22e-007 9.57e-007
214 1.41e-003 -9.43e-004 -9.19e-003 1.03e-005 6.94e-007 9.57e-007
215 1.41e-003 -8.38e-004 -9.29e-003 1.00e-005 2.20e-006 9.57e-007
216 1.41e-003 -7.32e-004 -9.61e-003 9.65e-006 4.52e-006 9.57e-007
217 1.41e-003 -6.27e-004 -1.02e-002 9.27e-006 7.44e-006 9.57e-007
218 1.41e-003 -4.05e-004 -1.31e-002 9.89e-006 1.63e-005 9.57e-007
219 1.41e-003 -2.88e-004 -1.54e-002 1.10e-005 1.86e-005 9.57e-007
220 1.41e-003 -1.71e-004 -1.78e-002 1.22e-005 1.84e-005 9.57e-007
221 1.41e-003 -5.45e-005 -2.01e-002 1.33e-005 1.60e-005 9.57e-007
222 1.41e-003 1.67e-004 -2.28e-002 1.61e-005 6.90e-006 9.57e-007
223 1.41e-003 2.71e-004 -2.33e-002 1.84e-005 2.89e-006 9.57e-007
224 1.41e-003 3.75e-004 -2.34e-002 2.08e-005 -1.07e-006 9.57e-007
225 1.41e-003 4.80e-004 -2.31e-002 2.28e-005 -5.44e-006 9.57e-007

226	1.41e-003	7.37e-004	-2.05e-002	2.15e-005	-1.22e-005	9.57e-007
227	1.41e-003	8.91e-004	-1.83e-002	1.88e-005	-1.35e-005	9.57e-007
228	1.41e-003	1.04e-003	-1.61e-002	1.61e-005	-1.24e-005	9.57e-007
229	1.41e-003	1.20e-003	-1.43e-002	1.34e-005	-9.82e-006	9.57e-007
230	1.45e-003	-3.64e-004	-2.34e-002	1.96e-005	9.51e-007	2.05e-007
231	1.38e-003	-3.52e-004	-2.34e-002	2.08e-005	-1.05e-006	2.27e-007
232	1.31e-003	-3.38e-004	-2.33e-002	2.19e-005	-2.84e-006	2.96e-007
233	1.24e-003	-3.18e-004	-2.31e-002	2.29e-005	-5.27e-006	5.18e-007
234	1.16e-003	-2.76e-004	-2.28e-002	2.36e-005	-4.89e-006	1.16e-006
235	1.05e-003	-1.90e-004	-2.23e-002	2.38e-005	-8.96e-006	1.23e-006
236	2.03e-003	-9.39e-004	-2.23e-002	1.53e-005	9.33e-006	-3.20e-007
237	1.89e-003	-9.62e-004	-2.28e-002	1.62e-005	6.61e-006	-5.01e-007
238	1.75e-003	-9.91e-004	-2.31e-002	1.73e-005	4.87e-006	-5.46e-007
239	1.62e-003	-1.02e-003	-2.33e-002	1.85e-005	2.87e-006	-5.54e-007
240	1.48e-003	-1.05e-003	-2.34e-002	1.96e-005	9.45e-007	-5.44e-007
241	1.34e-003	-1.08e-003	-2.34e-002	2.08e-005	-1.02e-006	-5.08e-007
242	1.21e-003	-1.10e-003	-2.33e-002	2.19e-005	-2.92e-006	-4.05e-007
243	1.07e-003	-1.12e-003	-2.31e-002	2.30e-005	-4.91e-006	-1.43e-007
244	9.34e-004	-1.11e-003	-2.27e-002	2.39e-005	-7.24e-006	4.44e-007
245	7.87e-004	-1.07e-003	-2.23e-002	2.43e-005	-7.97e-006	1.55e-006
246	2.33e-003	-1.48e-003	-2.23e-002	1.54e-005	9.17e-006	-7.72e-007
247	2.13e-003	-1.53e-003	-2.28e-002	1.63e-005	6.66e-006	-1.13e-006
248	1.92e-003	-1.60e-003	-2.31e-002	1.73e-005	4.91e-006	-1.26e-006
249	1.72e-003	-1.67e-003	-2.33e-002	1.85e-005	2.86e-006	-1.29e-006
250	1.51e-003	-1.74e-003	-2.34e-002	1.96e-005	9.41e-007	-1.29e-006
251	1.31e-003	-1.81e-003	-2.34e-002	2.08e-005	-1.00e-006	-1.24e-006
252	1.10e-003	-1.87e-003	-2.33e-002	2.19e-005	-3.03e-006	-1.10e-006
253	8.99e-004	-1.92e-003	-2.31e-002	2.30e-005	-4.78e-006	-6.89e-007
254	6.98e-004	-1.94e-003	-2.27e-002	2.36e-005	-7.17e-006	5.13e-007
255	5.40e-004	-1.88e-003	-2.23e-002	1.92e-005	-5.77e-006	1.95e-006
256	1.05e-003	-1.54e-004	-2.18e-002	2.30e-005	-9.10e-006	8.73e-007
257	1.03e-003	-9.12e-005	-2.12e-002	2.23e-005	-1.19e-005	1.34e-006
258	9.98e-004	-1.46e-005	-2.05e-002	2.15e-005	-1.23e-005	1.49e-006
259	9.78e-004	6.65e-005	-1.98e-002	2.06e-005	-1.31e-005	1.54e-006
260	9.65e-004	1.49e-004	-1.91e-002	1.97e-005	-1.34e-005	1.55e-006
261	9.60e-004	2.32e-004	-1.83e-002	1.88e-005	-1.35e-005	1.56e-006
262	9.64e-004	3.15e-004	-1.76e-002	1.79e-005	-1.34e-005	1.56e-006
263	9.76e-004	3.98e-004	-1.68e-002	1.70e-005	-1.31e-005	1.56e-006
264	9.96e-004	4.81e-004	-1.61e-002	1.61e-005	-1.25e-005	1.56e-006
265	1.02e-003	5.64e-004	-1.54e-002	1.52e-005	-1.17e-005	1.56e-006
266	1.61e-003	-2.63e-003	-4.91e-003	5.11e-006	5.15e-006	8.45e-007
267	1.60e-003	-2.60e-003	-5.20e-003	5.56e-006	4.92e-006	4.19e-007
268	1.60e-003	-2.58e-003	-5.49e-003	6.43e-006	5.66e-006	3.51e-007
269	1.60e-003	-2.56e-003	-5.80e-003	7.36e-006	5.39e-006	4.29e-007
270	1.60e-003	-2.53e-003	-6.13e-003	8.14e-006	6.66e-006	7.33e-007
271	1.58e-003	-2.48e-003	-6.43e-003	8.50e-006	5.58e-006	9.54e-007
272	1.77e-003	-2.82e-003	-4.91e-003	5.17e-006	4.39e-006	8.07e-007
273	1.78e-003	-2.79e-003	-5.19e-003	5.63e-006	5.25e-006	-1.58e-008
274	1.79e-003	-2.80e-003	-5.49e-003	6.48e-006	5.55e-006	-2.47e-007
275	1.80e-003	-2.82e-003	-5.80e-003	7.43e-006	5.58e-006	-1.83e-007
276	1.80e-003	-2.82e-003	-6.12e-003	8.36e-006	5.77e-006	1.75e-007
277	1.80e-003	-2.79e-003	-6.43e-003	8.87e-006	5.92e-006	9.72e-007
278	1.90e-003	-2.99e-003	-4.91e-003	4.53e-006	4.34e-006	8.43e-007
279	1.96e-003	-2.99e-003	-5.19e-003	5.60e-006	5.45e-006	-5.00e-007
280	1.98e-003	-3.03e-003	-5.49e-003	6.50e-006	5.68e-006	-8.37e-007
281	2.00e-003	-3.08e-003	-5.80e-003	7.46e-006	5.82e-006	-7.71e-007
282	2.00e-003	-3.11e-003	-6.11e-003	8.34e-006	5.86e-006	-2.00e-007
283	2.01e-003	-3.09e-003	-6.42e-003	7.82e-006	5.64e-006	1.06e-006
284	1.41e-003	-2.14e-003	-6.77e-003	8.15e-006	6.51e-006	9.57e-007
285	1.06e-003	6.47e-004	-1.48e-002	1.42e-005	-1.05e-005	1.55e-006
286	1.11e-003	7.30e-004	-1.43e-002	1.33e-005	-9.73e-006	1.54e-006
287	1.41e-003	-2.04e-003	-7.52e-003	7.95e-006	6.50e-006	9.57e-007
288	1.41e-003	-1.93e-003	-8.26e-003	7.39e-006	6.07e-006	9.57e-007
289	1.16e-003	8.11e-004	-1.38e-002	1.25e-005	-6.62e-006	1.50e-006
290	1.27e-003	8.89e-004	-1.33e-002	1.16e-005	-1.08e-005	1.43e-006

291	1.41e-003	-1.82e-003	-8.93e-003	6.80e-006	5.13e-006	9.57e-007
292	1.41e-003	-1.71e-003	-9.45e-003	6.24e-006	3.67e-006	9.57e-007
293	1.48e-003	9.67e-004	-1.31e-002	1.07e-005	-2.48e-006	1.58e-006
294	1.41e-003	-1.60e-003	-9.71e-003	6.42e-006	1.19e-006	9.57e-007
295	7.07e-004	-9.69e-004	-2.18e-002	2.34e-005	-1.08e-005	1.74e-006
296	6.37e-004	-8.74e-004	-2.12e-002	2.24e-005	-1.16e-005	1.94e-006
297	1.41e-003	-1.48e-003	-9.73e-003	7.46e-006	-2.19e-007	9.57e-007
298	1.41e-003	-1.35e-003	-9.61e-003	8.55e-006	-1.02e-006	9.57e-007
299	5.77e-004	-7.68e-004	-2.05e-002	2.15e-005	-1.25e-005	2.07e-006
300	5.35e-004	-6.56e-004	-1.98e-002	2.06e-005	-1.31e-005	2.13e-006
301	1.41e-003	-1.23e-003	-9.43e-003	9.63e-006	-1.21e-006	9.57e-007
302	1.41e-003	-1.11e-003	-9.27e-003	1.03e-005	-8.22e-007	9.57e-007
303	5.10e-004	-5.42e-004	-1.91e-002	1.97e-005	-1.35e-005	2.15e-006
304	1.61e-003	-2.43e-003	-6.76e-003	8.36e-006	7.17e-006	8.77e-007
305	1.62e-003	-2.38e-003	-7.14e-003	8.20e-006	6.15e-006	1.05e-006
306	1.63e-003	-2.31e-003	-7.52e-003	7.96e-006	6.52e-006	1.11e-006
307	1.62e-003	-2.25e-003	-7.89e-003	7.68e-006	6.31e-006	1.13e-006
308	1.61e-003	-2.19e-003	-8.26e-003	7.39e-006	6.10e-006	1.14e-006
309	1.60e-003	-2.12e-003	-8.61e-003	7.10e-006	5.66e-006	1.14e-006
310	1.58e-003	-2.06e-003	-8.93e-003	6.80e-006	5.16e-006	1.14e-006
311	1.55e-003	-2.00e-003	-9.21e-003	6.52e-006	4.25e-006	1.13e-006
312	1.52e-003	-1.93e-003	-9.45e-003	6.28e-006	4.13e-006	1.10e-006
313	1.48e-003	-1.88e-003	-9.63e-003	6.19e-006	2.23e-006	9.27e-007
314	1.82e-003	-2.73e-003	-6.77e-003	8.57e-006	6.35e-006	1.09e-006
315	1.84e-003	-2.66e-003	-7.14e-003	8.25e-006	6.33e-006	1.22e-006
316	1.84e-003	-2.59e-003	-7.52e-003	7.97e-006	6.52e-006	1.29e-006
317	1.84e-003	-2.52e-003	-7.89e-003	7.68e-006	6.37e-006	1.31e-006
318	1.82e-003	-2.45e-003	-8.26e-003	7.39e-006	6.14e-006	1.32e-006
319	1.79e-003	-2.37e-003	-8.60e-003	7.10e-006	5.71e-006	1.32e-006
320	1.75e-003	-2.30e-003	-8.92e-003	6.81e-006	5.18e-006	1.32e-006
321	1.70e-003	-2.23e-003	-9.21e-003	6.55e-006	4.36e-006	1.29e-006
322	1.64e-003	-2.16e-003	-9.45e-003	6.35e-006	3.61e-006	1.20e-006
323	1.57e-003	-2.10e-003	-9.62e-003	6.28e-006	2.37e-006	8.99e-007
324	2.04e-003	-3.03e-003	-6.77e-003	8.57e-006	6.52e-006	1.20e-006
325	2.06e-003	-2.95e-003	-7.14e-003	8.28e-006	6.72e-006	1.40e-006
326	2.07e-003	-2.87e-003	-7.52e-003	7.98e-006	6.76e-006	1.47e-006
327	2.06e-003	-2.79e-003	-7.89e-003	7.68e-006	6.66e-006	1.50e-006
328	2.03e-003	-2.71e-003	-8.26e-003	7.39e-006	6.42e-006	1.50e-006
329	1.99e-003	-2.62e-003	-8.60e-003	7.10e-006	5.99e-006	1.50e-006
330	1.93e-003	-2.54e-003	-8.92e-003	6.82e-006	5.44e-006	1.49e-006
331	1.85e-003	-2.46e-003	-9.20e-003	6.56e-006	4.72e-006	1.43e-006
332	1.76e-003	-2.38e-003	-9.44e-003	6.37e-006	3.82e-006	1.28e-006
333	1.65e-003	-2.32e-003	-9.62e-003	6.31e-006	2.37e-006	8.77e-007
334	1.46e-003	-1.83e-003	-9.71e-003	6.44e-006	1.49e-006	7.15e-007
335	1.43e-003	-1.78e-003	-9.74e-003	6.93e-006	2.65e-007	6.71e-007
336	1.41e-003	-1.74e-003	-9.73e-003	7.46e-006	-2.73e-007	6.60e-007
337	1.40e-003	-1.70e-003	-9.68e-003	8.01e-006	-7.60e-007	6.58e-007
338	1.39e-003	-1.65e-003	-9.61e-003	8.55e-006	-1.06e-006	6.59e-007
339	1.38e-003	-1.61e-003	-9.52e-003	9.10e-006	-1.20e-006	6.63e-007
340	1.38e-003	-1.57e-003	-9.43e-003	9.63e-006	-1.24e-006	6.82e-007
341	1.39e-003	-1.52e-003	-9.34e-003	1.01e-005	-9.69e-007	7.45e-007
342	1.40e-003	-1.47e-003	-9.26e-003	1.04e-005	-1.12e-006	9.43e-007
343	1.42e-003	-1.40e-003	-9.22e-003	1.06e-005	-1.70e-007	9.85e-007
344	1.51e-003	-2.05e-003	-9.71e-003	6.51e-006	1.01e-006	5.05e-007
345	1.45e-003	-2.02e-003	-9.74e-003	6.95e-006	2.96e-007	3.96e-007
346	1.41e-003	-2.00e-003	-9.73e-003	7.47e-006	-3.01e-007	3.67e-007
347	1.38e-003	-1.98e-003	-9.68e-003	8.01e-006	-7.73e-007	3.60e-007
348	1.36e-003	-1.95e-003	-9.61e-003	8.55e-006	-1.08e-006	3.60e-007
349	1.34e-003	-1.93e-003	-9.52e-003	9.10e-006	-1.23e-006	3.68e-007
350	1.34e-003	-1.91e-003	-9.43e-003	9.63e-006	-1.25e-006	3.96e-007
351	1.36e-003	-1.88e-003	-9.34e-003	1.01e-005	-1.03e-006	4.83e-007
352	1.38e-003	-1.84e-003	-9.27e-003	1.05e-005	-8.69e-007	7.15e-007
353	1.41e-003	-1.79e-003	-9.22e-003	1.08e-005	-3.58e-007	1.03e-006
354	1.55e-003	-2.28e-003	-9.71e-003	6.53e-006	8.50e-007	3.27e-007
355	1.46e-003	-2.27e-003	-9.74e-003	6.96e-006	1.12e-007	1.39e-007

356	1.40e-003	-2.26e-003	-9.73e-003	7.47e-006	-5.49e-007	8.04e-008
357	1.35e-003	-2.26e-003	-9.68e-003	8.01e-006	-9.99e-007	6.39e-008
358	1.32e-003	-2.25e-003	-9.61e-003	8.55e-006	-1.31e-006	6.28e-008
359	1.30e-003	-2.25e-003	-9.52e-003	9.10e-006	-1.46e-006	7.45e-008
360	1.30e-003	-2.24e-003	-9.43e-003	9.63e-006	-1.46e-006	1.16e-007
361	1.32e-003	-2.23e-003	-9.34e-003	1.01e-005	-1.30e-006	2.48e-007
362	1.35e-003	-2.21e-003	-9.27e-003	1.06e-005	-1.01e-006	6.55e-007
363	1.39e-003	-2.15e-003	-9.22e-003	9.26e-006	-3.59e-007	1.09e-006
364	1.41e-003	-9.96e-004	-9.20e-003	1.03e-005	-1.87e-007	9.57e-007
365	5.00e-004	-4.27e-004	-1.83e-002	1.88e-005	-1.36e-005	2.16e-006
366	5.08e-004	-3.12e-004	-1.76e-002	1.79e-005	-1.35e-005	2.16e-006
367	1.41e-003	-8.90e-004	-9.22e-003	1.02e-005	1.24e-006	9.57e-007
368	1.41e-003	-7.85e-004	-9.41e-003	9.84e-006	3.27e-006	9.57e-007
369	5.32e-004	-1.97e-004	-1.68e-002	1.70e-005	-1.32e-005	2.16e-006
370	5.73e-004	-8.14e-005	-1.61e-002	1.61e-005	-1.26e-005	2.16e-006
371	1.41e-003	-6.80e-004	-9.87e-003	9.45e-006	6.03e-006	9.57e-007
372	1.41e-003	-5.74e-004	-1.07e-002	9.09e-006	9.59e-006	9.57e-007
373	6.30e-004	3.37e-005	-1.54e-002	1.52e-005	-1.18e-005	2.16e-006
374	7.04e-004	1.49e-004	-1.48e-002	1.42e-005	-1.07e-005	2.15e-006
375	1.41e-003	-4.63e-004	-1.21e-002	9.35e-006	1.50e-005	9.57e-007
376	1.41e-003	-3.47e-004	-1.42e-002	1.05e-005	1.80e-005	9.57e-007
377	7.95e-004	2.63e-004	-1.43e-002	1.33e-005	-9.62e-006	2.14e-006
378	9.00e-004	3.77e-004	-1.38e-002	1.23e-005	-7.68e-006	2.11e-006
379	1.41e-003	-2.30e-004	-1.66e-002	1.16e-005	1.88e-005	9.57e-007
380	1.41e-003	-1.13e-004	-1.90e-002	1.28e-005	1.75e-005	9.57e-007
381	1.04e-003	4.89e-004	-1.34e-002	1.13e-005	-7.10e-006	2.09e-006
382	1.17e-003	6.02e-004	-1.31e-002	1.01e-005	-6.94e-006	2.26e-006
383	1.41e-003	3.88e-006	-2.10e-002	1.37e-005	1.40e-005	9.57e-007
384	1.43e-003	-1.36e-003	-9.20e-003	1.05e-005	-5.06e-007	8.63e-007
385	1.45e-003	-1.30e-003	-9.19e-003	1.04e-005	6.25e-007	1.01e-006
386	1.47e-003	-1.25e-003	-9.22e-003	1.02e-005	1.21e-006	1.06e-006
387	1.50e-003	-1.19e-003	-9.29e-003	1.00e-005	2.16e-006	1.07e-006
388	1.54e-003	-1.13e-003	-9.42e-003	9.84e-006	3.23e-006	1.08e-006
389	1.59e-003	-1.07e-003	-9.61e-003	9.65e-006	4.48e-006	1.08e-006
390	1.64e-003	-1.01e-003	-9.87e-003	9.46e-006	5.97e-006	1.08e-006
391	1.69e-003	-9.52e-004	-1.02e-002	9.28e-006	7.46e-006	1.07e-006
392	1.75e-003	-8.93e-004	-1.07e-002	9.12e-006	9.83e-006	1.05e-006
393	1.80e-003	-8.38e-004	-1.12e-002	9.10e-006	1.17e-005	9.03e-007
394	1.44e-003	-1.73e-003	-9.20e-003	1.06e-005	-1.12e-007	1.06e-006
395	1.47e-003	-1.67e-003	-9.19e-003	1.04e-005	5.23e-007	1.13e-006
396	1.53e-003	-1.60e-003	-9.22e-003	1.02e-005	1.17e-006	1.17e-006
397	1.59e-003	-1.54e-003	-9.29e-003	1.00e-005	2.10e-006	1.19e-006
398	1.66e-003	-1.47e-003	-9.42e-003	9.84e-006	3.18e-006	1.20e-006
399	1.75e-003	-1.41e-003	-9.61e-003	9.65e-006	4.44e-006	1.20e-006
400	1.85e-003	-1.34e-003	-9.88e-003	9.47e-006	5.90e-006	1.19e-006
401	1.97e-003	-1.28e-003	-1.02e-002	9.30e-006	7.56e-006	1.17e-006
402	2.09e-003	-1.21e-003	-1.07e-002	9.19e-006	9.27e-006	1.10e-006
403	2.23e-003	-1.16e-003	-1.12e-002	9.19e-006	1.20e-005	8.52e-007
404	1.43e-003	-2.10e-003	-9.20e-003	1.05e-005	-4.25e-007	1.05e-006
405	1.49e-003	-2.03e-003	-9.19e-003	1.04e-005	1.36e-007	1.23e-006
406	1.57e-003	-1.96e-003	-9.22e-003	1.02e-005	8.54e-007	1.29e-006
407	1.66e-003	-1.89e-003	-9.29e-003	1.00e-005	1.76e-006	1.31e-006
408	1.78e-003	-1.82e-003	-9.42e-003	9.84e-006	2.84e-006	1.32e-006
409	1.91e-003	-1.75e-003	-9.61e-003	9.65e-006	4.11e-006	1.32e-006
410	2.06e-003	-1.67e-003	-9.88e-003	9.47e-006	5.52e-006	1.30e-006
411	2.23e-003	-1.60e-003	-1.02e-002	9.32e-006	7.20e-006	1.26e-006
412	2.43e-003	-1.54e-003	-1.07e-002	9.22e-006	8.99e-006	1.14e-006
413	2.65e-003	-1.48e-003	-1.12e-002	9.21e-006	1.22e-005	8.14e-007
414	1.89e-003	-7.91e-004	-1.21e-002	9.38e-006	1.60e-005	6.86e-007
415	1.96e-003	-7.51e-004	-1.31e-002	9.90e-006	1.65e-005	6.37e-007
416	2.01e-003	-7.13e-004	-1.42e-002	1.05e-005	1.81e-005	6.24e-007
417	2.03e-003	-6.75e-004	-1.54e-002	1.10e-005	1.87e-005	6.21e-007
418	2.04e-003	-6.37e-004	-1.66e-002	1.16e-005	1.89e-005	6.21e-007
419	2.02e-003	-5.99e-004	-1.78e-002	1.22e-005	1.85e-005	6.25e-007
420	1.99e-003	-5.61e-004	-1.90e-002	1.28e-005	1.77e-005	6.39e-007

421	1.94e-003	-5.21e-004	-2.01e-002	1.33e-005	1.60e-005	6.82e-007
422	1.87e-003	-4.77e-004	-2.10e-002	1.38e-005	1.40e-005	7.78e-007
423	1.81e-003	-4.27e-004	-2.18e-002	1.43e-005	1.09e-005	6.57e-007
424	2.39e-003	-1.12e-003	-1.21e-002	9.44e-006	1.51e-005	4.48e-007
425	2.52e-003	-1.10e-003	-1.31e-002	9.92e-006	1.66e-005	3.29e-007
426	2.61e-003	-1.08e-003	-1.42e-002	1.05e-005	1.82e-005	2.95e-007
427	2.66e-003	-1.06e-003	-1.54e-002	1.11e-005	1.88e-005	2.86e-007
428	2.67e-003	-1.04e-003	-1.66e-002	1.16e-005	1.90e-005	2.85e-007
429	2.65e-003	-1.03e-003	-1.78e-002	1.22e-005	1.86e-005	2.89e-007
430	2.58e-003	-1.01e-003	-1.90e-002	1.28e-005	1.78e-005	3.05e-007
431	2.48e-003	-9.89e-004	-2.01e-002	1.34e-005	1.59e-005	3.48e-007
432	2.33e-003	-9.65e-004	-2.11e-002	1.41e-005	1.51e-005	4.30e-007
433	2.19e-003	-9.38e-004	-2.18e-002	1.47e-005	9.94e-006	3.81e-007
434	2.91e-003	-1.45e-003	-1.21e-002	9.47e-006	1.58e-005	2.42e-007
435	3.11e-003	-1.45e-003	-1.31e-002	9.93e-006	1.77e-005	3.91e-008
436	3.24e-003	-1.45e-003	-1.42e-002	1.05e-005	1.90e-005	-2.65e-008
437	3.32e-003	-1.45e-003	-1.54e-002	1.11e-005	1.97e-005	-4.67e-008
438	3.34e-003	-1.45e-003	-1.66e-002	1.16e-005	1.99e-005	-5.16e-008
439	3.30e-003	-1.45e-003	-1.78e-002	1.22e-005	1.95e-005	-4.98e-008
440	3.20e-003	-1.46e-003	-1.90e-002	1.28e-005	1.87e-005	-4.17e-008
441	3.05e-003	-1.46e-003	-2.01e-002	1.34e-005	1.69e-005	-2.20e-008
442	2.82e-003	-1.46e-003	-2.10e-002	1.42e-005	1.54e-005	4.02e-008
443	2.48e-003	-1.46e-003	-2.18e-002	1.48e-005	4.58e-006	1.68e-007
444	1.41e-003	1.14e-004	-2.24e-002	1.48e-005	8.64e-006	9.57e-007
445	1.41e-003	2.19e-004	-2.31e-002	1.73e-005	4.79e-006	9.57e-007
446	1.41e-003	3.23e-004	-2.34e-002	1.96e-005	9.54e-007	9.57e-007
447	1.41e-003	4.28e-004	-2.33e-002	2.19e-005	-2.76e-006	9.57e-007
448	1.41e-003	5.32e-004	-2.28e-002	2.29e-005	-6.20e-006	9.57e-007
449	3.52e-004	-1.78e-003	-2.18e-002	2.30e-005	-1.12e-005	1.85e-006
450	2.29e-004	-1.66e-003	-2.12e-002	2.24e-005	-1.20e-005	2.45e-006
451	1.40e-004	-1.52e-003	-2.05e-002	2.15e-005	-1.31e-005	2.64e-006
452	7.67e-005	-1.38e-003	-1.98e-002	2.06e-005	-1.36e-005	2.72e-006
453	3.82e-005	-1.23e-003	-1.91e-002	1.97e-005	-1.40e-005	2.74e-006
454	1.41e-003	6.35e-004	-2.18e-002	2.23e-005	-9.90e-006	9.57e-007
455	1.41e-003	6.86e-004	-2.12e-002	2.22e-005	-1.20e-005	9.57e-007
456	2.45e-005	-1.09e-003	-1.83e-002	1.88e-005	-1.41e-005	2.76e-006
457	3.57e-005	-9.38e-004	-1.76e-002	1.79e-005	-1.40e-005	2.76e-006
458	7.19e-005	-7.91e-004	-1.68e-002	1.70e-005	-1.36e-005	2.76e-006
459	1.33e-004	-6.44e-004	-1.61e-002	1.61e-005	-1.30e-005	2.76e-006
460	1.41e-003	7.88e-004	-1.98e-002	2.06e-005	-1.30e-005	9.57e-007
461	1.41e-003	8.39e-004	-1.91e-002	1.97e-005	-1.33e-005	9.57e-007
462	1.41e-003	9.42e-004	-1.76e-002	1.79e-005	-1.34e-005	9.57e-007
463	1.41e-003	9.93e-004	-1.68e-002	1.70e-005	-1.30e-005	9.57e-007
464	2.19e-004	-4.97e-004	-1.54e-002	1.52e-005	-1.22e-005	2.76e-006
465	3.30e-004	-3.49e-004	-1.48e-002	1.42e-005	-1.12e-005	2.76e-006
466	4.66e-004	-2.02e-004	-1.43e-002	1.33e-005	-9.80e-006	2.77e-006
467	6.24e-004	-5.38e-005	-1.38e-002	1.23e-005	-8.32e-006	2.81e-006
468	1.41e-003	1.09e-003	-1.54e-002	1.52e-005	-1.17e-005	9.57e-007
469	1.41e-003	1.15e-003	-1.48e-002	1.43e-005	-1.04e-005	9.57e-007
470	1.41e-003	1.25e-003	-1.38e-002	1.25e-005	-6.20e-006	9.57e-007
471	1.41e-003	1.30e-003	-1.33e-002	1.18e-005	-8.22e-006	9.57e-007
472	7.88e-004	9.79e-005	-1.34e-002	1.11e-005	-6.72e-006	2.91e-006
473	9.16e-004	2.58e-004	-1.31e-002	9.46e-006	-4.86e-006	3.00e-006
474	1.72e-003	-4.08e-004	-2.24e-002	1.50e-005	8.30e-006	2.24e-007
475	1.65e-003	-3.96e-004	-2.28e-002	1.61e-005	6.81e-006	1.95e-007
476	1.58e-003	-3.85e-004	-2.31e-002	1.73e-005	4.84e-006	1.95e-007
477	1.51e-003	-3.75e-004	-2.33e-002	1.85e-005	2.88e-006	1.98e-007
478	2.48e-003	-2.38e-003	-4.25e-003	-2.74e-006	3.92e-006	-1.58e-007
479	2.44e-003	-2.04e-003	-6.16e-003	-1.19e-007	1.67e-006	1.18e-006
480	2.40e-003	-1.16e-003	-6.18e-003	-3.84e-006	1.71e-006	9.98e-007
481	2.37e-003	-1.50e-003	-9.28e-003	1.92e-006	8.56e-006	-3.95e-007
482	2.28e-003	-9.03e-004	-1.50e-002	1.90e-006	-4.78e-007	3.24e-006
483	2.11e-003	1.79e-003	-1.14e-002	-8.20e-006	-1.63e-007	2.71e-006
484	2.24e-003	1.53e-003	-9.58e-003	-5.55e-006	-7.05e-006	2.76e-006
485	1.01e-003	-2.41e-003	-2.12e-003	9.39e-006	7.15e-006	1.54e-006

486	9.78e-004	-1.85e-003	-7.73e-003	9.49e-006	8.17e-006	6.99e-007
487	7.38e-004	-1.77e-003	-1.26e-002	1.42e-005	-3.39e-006	-3.08e-007
488	8.04e-004	-3.66e-003	-2.18e-002	1.02e-005	-9.78e-006	-4.76e-008
489	6.49e-004	-5.14e-003	-2.23e-002	2.21e-005	2.34e-007	7.05e-007
490	5.44e-004	-2.59e-003	-1.31e-002	2.24e-005	-6.57e-006	2.26e-006
491	1.94e-004	-2.60e-003	-6.19e-003	1.87e-005	-1.19e-005	1.70e-006
492	1.28e-004	-5.13e-003	-1.44e-002	2.30e-005	-5.24e-006	9.27e-007
493	-2.37e-004	-3.68e-003	-1.26e-002	1.78e-005	-1.13e-005	-7.90e-007
494	1.47e-004	-3.67e-003	-1.98e-002	1.28e-005	-9.99e-006	6.43e-007
495	-2.71e-004	-5.13e-003	-5.87e-003	2.08e-005	-8.97e-006	-1.44e-006
496	2.51e-003	-2.56e-003	-1.89e-003	-3.03e-006	4.18e-006	6.52e-007
497	2.50e-003	-2.43e-003	-3.21e-003	-1.52e-006	3.17e-006	3.82e-007
498	-4.34e-004	-2.68e-003	-1.63e-003	3.90e-006	1.73e-006	-8.06e-007
499	-1.04e-004	-2.69e-003	-3.18e-003	1.98e-007	4.54e-007	1.38e-006
500	2.91e-004	-2.67e-003	-3.31e-003	-1.00e-007	4.13e-006	9.56e-008
501	3.83e-004	-2.65e-003	-2.86e-003	-1.85e-006	-4.93e-007	1.03e-006
502	8.31e-004	-2.64e-003	-2.32e-003	-3.63e-007	-1.05e-006	1.30e-006
503	1.22e-003	-2.61e-003	-2.76e-003	2.76e-007	1.94e-007	1.85e-006
504	-8.01e-004	-2.54e-003	-2.46e-003	4.73e-006	-3.48e-006	1.95e-007
505	-3.77e-004	-2.62e-003	-5.46e-003	1.29e-006	-4.26e-006	5.79e-007
506	-4.20e-004	-2.62e-003	-4.92e-003	5.50e-007	-5.74e-006	1.11e-006
507	6.19e-004	-2.70e-003	-4.89e-003	-9.39e-007	-1.92e-006	2.13e-006
508	1.38e-003	-2.83e-003	-3.58e-003	1.18e-006	2.16e-006	1.91e-006
509	6.38e-004	-2.58e-003	-5.86e-003	2.17e-005	-8.29e-006	-2.17e-006
510	7.25e-003	1.06e-003	0.00	0.00	0.00	1.22e-006
511	2.19e-003	5.51e-004	0.00	0.00	0.00	1.20e-006
512	1.19e-003	-1.11e-003	0.00	0.00	0.00	9.57e-007

SPOSTAMENTI NODALI "Permanente" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00

34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	1.16e-002	-2.12e-004	-9.82e-003	-4.17e-005	1.39e-004	2.13e-006
42	1.16e-002	1.09e-003	-2.48e-002	-7.91e-006	-1.72e-005	2.13e-006
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	1.24e-002	-2.12e-004	-9.51e-003	5.12e-006	1.69e-004	2.13e-006
47	1.31e-002	-2.12e-004	-1.04e-002	-1.05e-005	1.83e-004	2.13e-006
48	1.41e-002	-2.12e-004	-1.18e-002	5.40e-005	1.66e-004	2.13e-006
49	1.24e-002	1.09e-003	-4.23e-002	2.74e-006	-1.41e-005	2.13e-006
50	1.31e-002	1.09e-003	-4.79e-002	5.56e-006	6.35e-006	2.13e-006
51	1.41e-002	1.09e-003	-3.01e-002	-2.04e-005	-7.23e-006	2.13e-006
52	1.16e-002	2.25e-003	-1.11e-002	8.93e-006	-1.15e-004	2.13e-006
53	1.24e-002	2.24e-003	-2.81e-002	6.77e-005	-1.55e-004	2.13e-006
54	1.31e-002	2.24e-003	-4.60e-002	9.02e-005	-1.95e-004	2.13e-006
55	1.41e-002	2.25e-003	-2.49e-002	-9.48e-005	-1.30e-004	2.13e-006
56	1.41e-002	3.95e-003	-1.98e-002	-2.66e-004	8.96e-005	2.13e-006
57	1.31e-002	3.94e-003	-2.68e-002	1.01e-004	1.31e-004	2.13e-006
58	1.24e-002	3.95e-003	-1.23e-002	8.06e-005	7.47e-005	2.13e-006
59	1.70e-003	-3.48e-003	-7.20e-003	1.30e-004	8.97e-006	1.74e-006
60	1.70e-003	-2.82e-003	-1.13e-002	1.64e-004	-4.70e-006	1.74e-006
61	1.70e-003	-2.34e-003	-5.16e-003	9.22e-005	-1.22e-005	1.74e-006
62	2.45e-003	-3.48e-003	-1.45e-002	-2.10e-005	5.77e-006	1.74e-006
63	2.45e-003	-2.82e-003	-2.46e-002	-3.11e-005	4.33e-006	1.74e-006
64	2.45e-003	-2.34e-003	-1.06e-002	-1.07e-005	4.07e-006	1.74e-006
65	3.13e-003	-3.48e-003	-1.48e-002	2.62e-005	1.28e-005	1.74e-006
66	3.13e-003	-2.82e-003	-2.28e-002	2.82e-005	-6.96e-006	1.74e-006
67	3.13e-003	-2.34e-003	-1.10e-002	1.81e-005	-1.61e-005	1.74e-006
68	3.88e-003	-3.48e-003	-1.29e-002	-3.23e-005	1.01e-005	1.74e-006
69	3.88e-003	-2.82e-003	-2.19e-002	-4.41e-005	2.43e-006	1.74e-006
70	3.88e-003	-2.34e-003	-9.80e-003	-1.15e-005	7.54e-006	1.74e-006
71	4.40e-003	-3.48e-003	-1.01e-002	-2.24e-005	5.43e-005	1.74e-006
72	4.40e-003	-2.82e-003	-1.54e-002	-4.59e-005	-1.67e-005	1.74e-006
73	4.40e-003	-2.34e-003	-1.54e-002	5.94e-006	3.82e-005	1.74e-006
74	4.92e-003	-3.48e-003	-1.21e-002	1.39e-005	1.20e-004	1.74e-006
75	4.92e-003	-2.82e-003	-2.05e-002	1.55e-005	-3.89e-005	1.74e-006
76	4.92e-003	-2.34e-003	-2.74e-002	1.56e-005	1.22e-004	1.74e-006
77	5.81e-003	-3.48e-003	-1.01e-002	2.80e-006	7.81e-005	1.74e-006
78	5.81e-003	-2.82e-003	-1.37e-002	9.20e-006	-2.58e-005	1.74e-006
79	5.81e-003	-2.34e-003	-1.88e-002	-3.23e-006	7.97e-005	1.74e-006
80	4.40e-003	-1.37e-003	-1.61e-002	1.04e-005	8.27e-006	1.74e-006
81	4.92e-003	-1.37e-003	-4.38e-002	7.69e-006	5.76e-005	1.74e-006
82	5.81e-003	-1.37e-003	-2.79e-002	8.67e-006	3.37e-005	1.74e-006
83	3.70e-003	-2.56e-004	-9.20e-003	2.49e-005	1.48e-004	1.74e-006
84	3.71e-003	7.02e-004	-3.18e-002	1.53e-005	1.30e-005	1.74e-006
85	3.71e-003	1.76e-003	-4.51e-002	1.12e-005	-1.18e-005	1.74e-006
86	4.40e-003	-2.56e-004	-2.56e-002	2.22e-005	7.20e-005	1.74e-006
87	4.92e-003	-2.56e-004	-4.20e-002	-1.18e-005	-7.42e-005	1.74e-006
88	5.81e-003	-2.56e-004	-2.75e-002	-8.16e-006	-3.64e-005	1.74e-006
89	4.40e-003	7.02e-004	-3.97e-002	3.53e-006	3.23e-005	1.74e-006
90	4.92e-003	7.02e-004	-4.48e-002	3.13e-006	6.62e-005	1.74e-006
91	5.80e-003	7.02e-004	-3.83e-002	-6.09e-007	5.02e-005	1.74e-006
92	4.40e-003	1.76e-003	-6.95e-002	6.98e-006	-2.72e-005	1.74e-006
93	4.92e-003	1.76e-003	-7.86e-002	-2.71e-006	-7.06e-005	1.74e-006
94	5.80e-003	1.76e-003	-5.43e-002	9.86e-006	-6.02e-005	1.74e-006
95	3.71e-003	2.72e-003	-2.07e-002	3.52e-005	-1.41e-004	1.74e-006
96	4.40e-003	2.71e-003	-5.18e-002	5.91e-005	1.08e-005	1.74e-006
97	4.92e-003	2.71e-003	-8.32e-002	-1.94e-005	2.65e-004	1.74e-006
98	5.77e-003	2.72e-003	-4.20e-002	2.10e-005	1.39e-004	1.74e-006

99	5.73e-003	4.11e-003	-3.61e-002	4.11e-005	-4.40e-004	1.74e-006
100	4.92e-003	4.11e-003	-4.66e-002	8.89e-006	-6.37e-004	1.74e-006
101	4.40e-003	4.11e-003	-2.28e-002	4.86e-005	-3.08e-004	1.74e-006
102	-4.06e-004	-7.23e-004	-2.63e-003	1.67e-005	-3.29e-006	2.19e-006
103	-1.65e-005	-1.28e-003	-4.72e-003	2.73e-008	1.52e-005	9.86e-006
104	3.10e-003	-1.20e-003	-6.84e-003	-7.71e-006	5.52e-005	1.66e-005
105	-6.57e-004	-1.41e-004	-3.00e-003	-1.01e-006	-6.24e-006	-2.19e-006
106	-4.33e-004	-1.04e-004	-4.84e-003	5.84e-007	1.47e-005	-3.79e-006
107	2.89e-003	-1.56e-004	-6.58e-003	1.69e-006	6.06e-005	-2.66e-006
108	-6.75e-004	7.57e-005	-3.15e-003	4.25e-006	-7.15e-006	2.88e-006
109	-5.19e-004	-1.34e-004	-5.15e-003	3.50e-007	1.38e-005	5.78e-006
110	2.82e-003	-1.98e-004	-7.10e-003	-1.55e-006	6.23e-005	4.78e-006
111	-3.05e-004	8.92e-004	-3.05e-003	-2.20e-005	-1.83e-006	-4.44e-006
112	3.13e-004	1.58e-003	-5.62e-003	2.05e-006	1.87e-005	-1.37e-005
113	3.98e-003	1.30e-003	-8.25e-003	1.24e-005	6.42e-005	-1.83e-005
114	1.22e-002	-2.12e-004	-5.79e-003	9.24e-006	9.87e-005	2.13e-006
115	1.20e-002	-2.12e-004	-5.23e-003	-3.83e-006	8.09e-005	2.13e-006
116	1.18e-002	-2.12e-004	-5.71e-003	-8.10e-006	8.63e-005	2.13e-006
117	1.29e-002	-2.12e-004	-6.99e-003	2.02e-005	1.26e-004	2.13e-006
118	1.27e-002	-2.12e-004	-6.11e-003	3.00e-007	1.14e-004	2.13e-006
119	1.26e-002	-2.12e-004	-6.64e-003	-1.43e-005	1.19e-004	2.13e-006
120	1.39e-002	-2.12e-004	-6.16e-003	5.46e-006	8.71e-005	2.13e-006
121	1.36e-002	-2.12e-004	-5.58e-003	4.83e-006	7.55e-005	2.13e-006
122	1.33e-002	-2.12e-004	-5.89e-003	-2.18e-006	9.46e-005	2.13e-006
123	-5.66e-004	-4.14e-004	-5.18e-003	-1.34e-005	4.47e-006	4.29e-006
124	3.79e-005	8.79e-004	-4.95e-003	-1.62e-005	1.02e-005	-8.52e-007
125	1.83e-003	1.29e-003	-5.72e-003	1.39e-006	3.05e-005	-9.05e-006
126	6.27e-003	9.26e-004	-6.24e-003	9.07e-006	6.48e-005	-1.39e-005
127	-9.39e-004	5.37e-004	-5.72e-003	2.46e-006	7.80e-006	5.62e-007
128	-2.05e-005	4.49e-004	-5.80e-003	2.39e-007	1.46e-005	2.15e-006
129	2.18e-003	3.81e-004	-5.64e-003	1.54e-006	3.53e-005	3.90e-006
130	6.78e-003	1.61e-004	-5.56e-003	3.54e-006	6.21e-005	4.20e-006
131	-6.38e-004	1.21e-003	-4.79e-003	1.62e-005	6.94e-007	-4.13e-006
132	-4.10e-004	9.82e-007	-4.59e-003	1.50e-005	5.23e-006	2.75e-006
133	9.44e-004	-2.80e-004	-5.35e-003	2.14e-006	2.62e-005	1.45e-005
134	5.27e-003	-3.44e-004	-6.04e-003	-9.64e-006	6.69e-005	2.13e-005
135	-2.22e-004	-7.97e-004	-3.39e-003	-3.35e-005	-7.96e-006	4.64e-006
136	-9.38e-004	1.80e-004	-3.75e-003	-8.99e-006	-6.82e-006	3.76e-006
137	-6.29e-004	-2.78e-005	-5.13e-003	-4.75e-007	1.63e-005	-1.37e-006
138	3.17e-003	-6.49e-005	-6.57e-003	1.38e-005	6.69e-005	-1.23e-005
139	-4.04e-004	1.76e-005	-4.26e-003	8.16e-007	-7.66e-006	-4.02e-008
140	-1.06e-003	-2.52e-005	-4.51e-003	8.55e-007	-4.51e-006	-3.55e-007
141	-5.06e-004	-7.33e-005	-5.06e-003	8.22e-007	2.02e-005	-9.42e-007
142	3.65e-003	-1.37e-004	-5.79e-003	5.35e-007	7.05e-005	-7.77e-007
143	-2.19e-004	8.12e-004	-3.34e-003	3.29e-005	-7.79e-006	-4.55e-006
144	-8.98e-004	-2.38e-004	-3.67e-003	9.65e-006	-6.15e-006	-3.93e-006
145	-5.17e-004	-1.61e-004	-4.96e-003	2.21e-006	1.69e-005	3.80e-007
146	3.26e-003	-2.54e-004	-6.26e-003	-8.96e-006	6.52e-005	1.10e-005
147	-3.46e-004	-1.09e-003	-3.91e-003	-2.31e-005	-3.49e-006	4.05e-006
148	-5.52e-004	-3.74e-005	-3.93e-003	-1.10e-005	-2.11e-007	-5.67e-007
149	2.91e-004	-7.78e-005	-4.87e-003	-1.07e-006	2.05e-005	-9.53e-006
150	4.12e-003	-6.65e-005	-5.76e-003	1.05e-005	6.23e-005	-1.73e-005
151	-5.58e-004	-3.57e-004	-4.74e-003	-1.13e-006	-2.35e-007	-2.19e-007
152	-4.21e-004	-4.08e-004	-4.90e-003	1.37e-006	5.39e-006	-1.52e-006
153	9.60e-004	-5.01e-004	-4.94e-003	1.09e-007	2.69e-005	-3.04e-006
154	5.04e-003	-4.41e-004	-5.10e-003	-2.15e-006	6.03e-005	-2.52e-006
155	-3.22e-004	5.66e-004	-3.97e-003	2.25e-005	-1.54e-006	-3.98e-006
156	-3.13e-004	-7.48e-004	-4.00e-003	1.34e-005	2.92e-006	-6.94e-007
157	7.97e-004	-1.09e-003	-4.90e-003	5.24e-007	2.30e-005	5.90e-006
158	4.56e-003	-1.02e-003	-5.65e-003	-7.05e-006	5.79e-005	1.30e-005
159	7.22e-004	-9.93e-003	-1.18e-002	7.10e-005	3.08e-006	1.02e-006
160	7.22e-004	-9.55e-003	-1.86e-002	1.30e-004	-2.33e-005	1.02e-006
161	7.22e-004	-9.27e-003	-8.35e-003	1.17e-004	-3.14e-005	1.02e-006
162	1.16e-003	-9.93e-003	-2.36e-002	3.46e-006	-6.77e-006	1.02e-006
163	1.16e-003	-9.55e-003	-4.00e-002	1.73e-005	-2.35e-005	1.02e-006

164	1.16e-003	-9.27e-003	-1.74e-002	-1.73e-005	-2.77e-005	1.02e-006
165	1.56e-003	-9.93e-003	-2.43e-002	1.25e-005	1.71e-005	1.02e-006
166	1.56e-003	-9.55e-003	-3.70e-002	2.48e-005	-3.88e-005	1.02e-006
167	1.56e-003	-9.27e-003	-1.81e-002	1.50e-005	-6.31e-005	1.02e-006
168	1.99e-003	-9.93e-003	-2.10e-002	-2.20e-005	1.41e-005	1.02e-006
169	1.99e-003	-9.55e-003	-3.55e-002	-3.10e-005	-1.97e-005	1.02e-006
170	1.99e-003	-9.27e-003	-1.61e-002	-7.72e-006	-1.15e-006	1.02e-006
171	2.30e-003	-9.93e-003	-1.66e-002	-1.55e-005	6.15e-005	1.02e-006
172	2.30e-003	-9.55e-003	-2.51e-002	-2.84e-005	-1.85e-005	1.02e-006
173	2.30e-003	-9.27e-003	-2.52e-002	3.31e-005	5.71e-005	1.02e-006
174	2.60e-003	-9.93e-003	-1.97e-002	9.08e-007	1.15e-004	1.02e-006
175	2.60e-003	-9.55e-003	-3.26e-002	1.61e-005	-2.71e-005	1.02e-006
176	2.60e-003	-9.27e-003	-4.42e-002	4.78e-005	6.07e-005	1.02e-006
177	3.12e-003	-9.93e-003	-1.73e-002	3.70e-005	4.94e-005	1.02e-006
178	3.12e-003	-9.55e-003	-2.19e-002	1.75e-005	-3.83e-006	1.02e-006
179	3.12e-003	-9.27e-003	-3.06e-002	8.70e-006	6.91e-005	1.02e-006
180	2.30e-003	-8.70e-003	-2.62e-002	3.54e-005	1.61e-005	1.02e-006
181	2.60e-003	-8.70e-003	-7.11e-002	3.56e-005	2.79e-005	1.02e-006
182	3.12e-003	-8.70e-003	-4.55e-002	1.83e-005	2.59e-005	1.02e-006
183	1.89e-003	-8.05e-003	-1.50e-002	5.17e-005	9.66e-005	1.02e-006
184	1.89e-003	-7.50e-003	-4.57e-002	3.74e-005	3.45e-005	1.02e-006
185	1.89e-003	-6.88e-003	-5.76e-002	4.97e-005	-9.60e-006	1.02e-006
186	2.30e-003	-8.05e-003	-4.18e-002	6.98e-005	1.01e-004	1.02e-006
187	2.60e-003	-8.05e-003	-6.82e-002	6.62e-005	-1.94e-005	1.02e-006
188	3.12e-003	-8.05e-003	-4.49e-002	1.74e-006	-2.34e-005	1.02e-006
189	2.30e-003	-7.50e-003	-6.39e-002	4.57e-005	1.30e-004	1.02e-006
190	2.60e-003	-7.50e-003	-7.27e-002	4.12e-005	4.29e-005	1.02e-006
191	3.12e-003	-7.50e-003	-5.50e-002	1.76e-005	4.14e-005	1.02e-006
192	2.30e-003	-6.88e-003	-9.13e-002	5.92e-005	-2.17e-004	1.02e-006
193	2.60e-003	-6.88e-003	-0.10	6.02e-005	2.19e-006	1.02e-006
194	3.12e-003	-6.88e-003	-6.97e-002	5.79e-006	-2.99e-005	1.02e-006
195	1.89e-003	-6.32e-003	-2.67e-002	8.52e-005	-1.07e-004	1.02e-006
196	2.30e-003	-6.32e-003	-7.03e-002	1.11e-004	-1.11e-006	1.02e-006
197	2.60e-003	-6.32e-003	-0.11	9.38e-005	1.81e-005	1.02e-006
198	3.10e-003	-6.32e-003	-5.27e-002	-5.14e-006	3.70e-005	1.02e-006
199	3.08e-003	-5.51e-003	-4.65e-002	-1.79e-006	-1.99e-004	1.02e-006
200	2.60e-003	-5.51e-003	-6.27e-002	4.90e-005	-1.57e-004	1.02e-006
201	2.30e-003	-5.51e-003	-2.92e-002	7.72e-005	-1.69e-004	1.02e-006
202	2.60e-003	-9.49e-003	-3.53e-002	2.23e-005	4.62e-005	1.02e-006
203	2.60e-003	-9.44e-003	-3.76e-002	3.38e-005	4.05e-005	1.02e-006
204	2.60e-003	-9.38e-003	-3.99e-002	4.42e-005	5.17e-005	1.02e-006
205	2.60e-003	-9.33e-003	-4.24e-002	5.18e-005	5.51e-005	1.02e-006
206	2.60e-003	-9.16e-003	-6.03e-002	6.19e-005	1.03e-004	1.02e-006
207	2.60e-003	-9.05e-003	-7.20e-002	5.62e-005	7.07e-005	1.02e-006
208	2.60e-003	-8.93e-003	-7.72e-002	4.90e-005	2.46e-005	1.02e-006
209	2.60e-003	-8.82e-003	-7.60e-002	4.18e-005	-1.97e-006	1.02e-006
210	2.60e-003	-8.57e-003	-8.60e-002	4.51e-005	7.00e-005	1.02e-006
211	2.60e-003	-8.44e-003	-9.50e-002	5.62e-005	2.63e-005	1.02e-006
212	2.60e-003	-8.31e-003	-9.40e-002	6.74e-005	-3.85e-005	1.02e-006
213	2.60e-003	-8.18e-003	-8.34e-002	7.76e-005	-7.61e-005	1.02e-006
214	2.60e-003	-7.94e-003	-7.41e-002	8.25e-005	2.26e-005	1.02e-006
215	2.60e-003	-7.83e-003	-7.82e-002	7.29e-005	1.73e-005	1.02e-006
216	2.60e-003	-7.72e-003	-7.90e-002	6.17e-005	-1.97e-006	1.02e-006
217	2.60e-003	-7.61e-003	-7.64e-002	5.06e-005	-4.12e-006	1.02e-006
218	2.60e-003	-7.37e-003	-9.11e-002	4.63e-005	1.10e-004	1.02e-006
219	2.60e-003	-7.25e-003	-0.11	5.20e-005	8.31e-005	1.02e-006
220	2.60e-003	-7.12e-003	-0.11	5.76e-005	2.57e-005	1.02e-006
221	2.60e-003	-7.00e-003	-0.11	6.26e-005	-1.91e-005	1.02e-006
222	2.60e-003	-6.76e-003	-0.11	7.66e-005	3.58e-005	1.02e-006
223	2.60e-003	-6.65e-003	-0.12	9.29e-005	2.80e-005	1.02e-006
224	2.60e-003	-6.54e-003	-0.12	1.09e-004	7.97e-006	1.02e-006
225	2.60e-003	-6.43e-003	-0.12	1.23e-004	5.16e-007	1.02e-006
226	2.60e-003	-6.16e-003	-0.13	1.24e-004	9.57e-005	1.02e-006
227	2.60e-003	-6.00e-003	-0.15	1.10e-004	8.11e-006	1.02e-006
228	2.60e-003	-5.83e-003	-0.14	9.61e-005	-1.20e-004	1.02e-006

229	2.60e-003	-5.67e-003	-0.11	8.13e-005	-2.29e-004	1.02e-006
230	3.24e-003	-1.01e-002	-0.12	1.01e-004	1.80e-005	-4.17e-006
231	3.07e-003	-1.04e-002	-0.12	1.09e-004	7.23e-006	-4.05e-006
232	3.01e-003	-1.06e-002	-0.12	1.17e-004	-2.18e-006	-3.63e-006
233	3.10e-003	-1.07e-002	-0.12	1.24e-004	-1.92e-006	-2.30e-006
234	3.37e-003	-1.08e-002	-0.11	1.29e-004	-1.54e-005	1.51e-006
235	4.03e-003	-1.06e-002	-0.11	1.33e-004	4.21e-005	8.57e-007
236	3.70e-003	-1.17e-002	-0.11	7.19e-005	4.45e-005	-6.93e-006
237	4.33e-003	-1.22e-002	-0.11	7.78e-005	3.66e-005	-8.74e-006
238	4.47e-003	-1.27e-002	-0.11	8.52e-005	4.02e-005	-9.25e-006
239	4.26e-003	-1.32e-002	-0.12	9.31e-005	2.93e-005	-9.38e-006
240	3.87e-003	-1.37e-002	-0.12	1.01e-004	1.81e-005	-9.35e-006
241	3.48e-003	-1.42e-002	-0.12	1.09e-004	6.31e-006	-9.15e-006
242	3.28e-003	-1.47e-002	-0.12	1.17e-004	-2.97e-006	-8.57e-006
243	3.42e-003	-1.51e-002	-0.12	1.25e-004	-3.87e-006	-7.11e-006
244	4.11e-003	-1.54e-002	-0.11	1.32e-004	4.45e-006	-4.03e-006
245	5.67e-003	-1.56e-002	-0.11	1.37e-004	3.43e-005	8.13e-007
246	4.72e-003	-1.43e-002	-0.11	7.27e-005	6.04e-005	-9.39e-006
247	5.79e-003	-1.49e-002	-0.11	7.81e-005	5.70e-005	-1.29e-005
248	5.83e-003	-1.56e-002	-0.11	8.53e-005	5.06e-005	-1.41e-005
249	5.30e-003	-1.64e-002	-0.12	9.31e-005	3.42e-005	-1.45e-005
250	4.50e-003	-1.72e-002	-0.12	1.01e-004	1.80e-005	-1.45e-005
251	3.70e-003	-1.80e-002	-0.12	1.09e-004	1.04e-006	-1.43e-005
252	3.19e-003	-1.88e-002	-0.12	1.17e-004	-1.32e-005	-1.35e-005
253	3.27e-003	-1.95e-002	-0.12	1.25e-004	-2.25e-005	-1.14e-005
254	4.32e-003	-2.00e-002	-0.12	1.31e-004	-1.60e-005	-5.22e-006
255	6.30e-003	-2.01e-002	-0.12	1.08e-004	-2.03e-005	9.73e-007
256	4.76e-003	-1.07e-002	-0.12	1.31e-004	1.24e-004	-9.45e-007
257	4.99e-003	-1.07e-002	-0.13	1.28e-004	9.83e-005	2.41e-006
258	4.91e-003	-1.05e-002	-0.13	1.24e-004	9.88e-005	3.59e-006
259	4.42e-003	-1.03e-002	-0.14	1.20e-004	7.54e-005	3.95e-006
260	3.59e-003	-1.01e-002	-0.14	1.15e-004	4.66e-005	4.07e-006
261	2.50e-003	-9.86e-003	-0.15	1.10e-004	9.11e-006	4.10e-006
262	1.25e-003	-9.64e-003	-0.15	1.06e-004	-3.27e-005	4.12e-006
263	-8.45e-005	-9.42e-003	-0.14	1.01e-004	-7.71e-005	4.12e-006
264	-1.42e-003	-9.20e-003	-0.14	9.61e-005	-1.21e-004	4.13e-006
265	-2.66e-003	-8.98e-003	-0.13	9.13e-005	-1.63e-004	4.17e-006
266	3.61e-003	-1.01e-002	-3.30e-002	2.10e-005	3.31e-005	4.91e-007
267	3.99e-003	-1.03e-002	-3.50e-002	2.52e-005	5.71e-005	-5.61e-006
268	4.23e-003	-1.06e-002	-3.75e-002	3.51e-005	4.06e-005	-5.89e-006
269	4.54e-003	-1.09e-002	-3.98e-002	4.49e-005	5.16e-005	-5.02e-006
270	4.83e-003	-1.12e-002	-4.22e-002	5.38e-005	4.74e-005	-3.02e-006
271	5.20e-003	-1.13e-002	-4.51e-002	6.09e-005	8.22e-005	-2.30e-006
272	5.09e-003	-1.10e-002	-3.35e-002	3.34e-005	2.03e-005	1.26e-006
273	5.34e-003	-1.13e-002	-3.51e-002	3.23e-005	4.32e-005	-9.60e-006
274	5.83e-003	-1.19e-002	-3.75e-002	3.76e-005	3.98e-005	-1.17e-005
275	6.41e-003	-1.25e-002	-3.98e-002	4.62e-005	5.19e-005	-1.13e-005
276	7.16e-003	-1.31e-002	-4.21e-002	5.61e-005	5.36e-005	-9.37e-006
277	8.11e-003	-1.35e-002	-4.55e-002	6.47e-005	8.67e-005	-5.69e-006
278	5.24e-003	-1.25e-002	-3.40e-002	5.51e-005	-3.19e-005	4.36e-006
279	6.59e-003	-1.26e-002	-3.52e-002	3.65e-005	4.64e-005	-8.38e-006
280	7.36e-003	-1.33e-002	-3.75e-002	3.89e-005	4.17e-005	-1.54e-005
281	8.12e-003	-1.42e-002	-3.98e-002	4.69e-005	4.36e-005	-1.70e-005
282	9.27e-003	-1.51e-002	-4.23e-002	5.65e-005	4.62e-005	-1.49e-005
283	1.12e-002	-1.58e-002	-4.56e-002	5.99e-005	8.96e-005	-9.31e-006
284	2.60e-003	-9.22e-003	-5.27e-002	6.16e-005	1.19e-004	1.02e-006
285	-3.73e-003	-8.75e-003	-0.12	8.64e-005	-1.99e-004	4.28e-006
286	-4.54e-003	-8.51e-003	-0.11	8.12e-005	-2.32e-004	4.64e-006
287	2.60e-003	-9.10e-003	-6.69e-002	5.95e-005	9.38e-005	1.02e-006
288	2.60e-003	-8.99e-003	-7.55e-002	5.26e-005	4.73e-005	1.02e-006
289	-5.01e-003	-8.24e-003	-9.33e-002	7.50e-005	-2.41e-004	5.76e-006
290	-5.26e-003	-7.86e-003	-7.81e-002	6.60e-005	-2.82e-004	8.90e-006
291	2.60e-003	-8.87e-003	-7.72e-002	4.54e-005	3.87e-006	1.02e-006
292	2.60e-003	-8.76e-003	-7.41e-002	3.85e-005	-1.14e-005	1.02e-006
293	-5.12e-003	-7.19e-003	-6.37e-002	4.76e-005	-2.28e-004	1.69e-005

294	2.60e-003	-8.64e-003	-7.92e-002	3.99e-005	8.11e-005	1.02e-006
295	7.04e-003	-1.54e-002	-0.12	1.33e-004	1.11e-004	3.37e-006
296	7.76e-003	-1.51e-002	-0.13	1.29e-004	1.00e-004	5.36e-006
297	2.60e-003	-8.51e-003	-9.15e-002	5.06e-005	5.71e-005	1.02e-006
298	2.60e-003	-8.38e-003	-0.10	6.18e-005	-6.54e-006	1.02e-006
299	7.54e-003	-1.48e-002	-0.13	1.24e-004	1.02e-004	6.47e-006
300	6.50e-003	-1.45e-002	-0.14	1.20e-004	7.85e-005	6.95e-006
301	2.60e-003	-8.25e-003	-8.96e-002	7.28e-005	-6.71e-005	1.02e-006
302	2.60e-003	-8.12e-003	-7.62e-002	8.04e-005	-8.24e-005	1.02e-006
303	4.77e-003	-1.41e-002	-0.14	1.15e-004	4.90e-005	7.13e-006
304	5.62e-003	-1.14e-002	-5.25e-002	6.33e-005	1.32e-004	-3.91e-007
305	5.64e-003	-1.13e-002	-6.02e-002	6.22e-005	1.05e-004	2.00e-006
306	5.38e-003	-1.12e-002	-6.68e-002	5.95e-005	9.53e-005	2.89e-006
307	4.89e-003	-1.10e-002	-7.19e-002	5.62e-005	7.13e-005	3.17e-006
308	4.31e-003	-1.08e-002	-7.54e-002	5.26e-005	4.70e-005	3.26e-006
309	3.75e-003	-1.06e-002	-7.70e-002	4.90e-005	2.35e-005	3.28e-006
310	3.35e-003	-1.05e-002	-7.71e-002	4.55e-005	1.76e-006	3.26e-006
311	3.21e-003	-1.03e-002	-7.59e-002	4.20e-005	-4.44e-006	3.16e-006
312	3.31e-003	-1.01e-002	-7.38e-002	3.89e-005	-2.73e-005	2.78e-006
313	3.78e-003	-1.00e-002	-7.25e-002	3.77e-005	3.69e-005	8.04e-007
314	8.87e-003	-1.36e-002	-5.25e-002	6.53e-005	1.24e-004	5.73e-007
315	8.92e-003	-1.35e-002	-6.02e-002	6.27e-005	1.07e-004	3.68e-006
316	8.30e-003	-1.33e-002	-6.68e-002	5.96e-005	9.65e-005	4.91e-006
317	7.25e-003	-1.30e-002	-7.19e-002	5.62e-005	7.22e-005	5.35e-006
318	6.00e-003	-1.27e-002	-7.54e-002	5.26e-005	4.69e-005	5.49e-006
319	4.80e-003	-1.24e-002	-7.71e-002	4.91e-005	2.24e-005	5.52e-006
320	3.91e-003	-1.21e-002	-7.71e-002	4.56e-005	2.23e-007	5.44e-006
321	3.54e-003	-1.18e-002	-7.59e-002	4.23e-005	-5.63e-006	5.15e-006
322	3.93e-003	-1.15e-002	-7.39e-002	3.97e-005	-1.77e-005	4.11e-006
323	5.07e-003	-1.14e-002	-7.31e-002	3.88e-005	3.70e-005	6.00e-007
324	1.28e-002	-1.59e-002	-5.28e-002	6.56e-005	1.43e-004	8.47e-007
325	1.28e-002	-1.57e-002	-6.03e-002	6.29e-005	1.29e-004	5.41e-006
326	1.16e-002	-1.54e-002	-6.69e-002	5.96e-005	1.08e-004	6.97e-006
327	9.78e-003	-1.49e-002	-7.20e-002	5.62e-005	7.73e-005	7.53e-006
328	7.64e-003	-1.45e-002	-7.54e-002	5.26e-005	4.55e-005	7.71e-006
329	5.58e-003	-1.41e-002	-7.71e-002	4.91e-005	1.46e-005	7.72e-006
330	3.96e-003	-1.37e-002	-7.72e-002	4.56e-005	-1.43e-005	7.54e-006
331	3.19e-003	-1.32e-002	-7.60e-002	4.24e-005	-3.13e-005	6.93e-006
332	3.78e-003	-1.29e-002	-7.41e-002	4.00e-005	-3.98e-005	5.16e-006
333	6.38e-003	-1.27e-002	-7.34e-002	3.91e-005	3.84e-005	4.40e-007
334	4.35e-003	-1.00e-002	-7.88e-002	4.02e-005	1.04e-004	-1.46e-006
335	4.39e-003	-1.02e-002	-8.59e-002	4.52e-005	7.45e-005	-1.92e-006
336	4.02e-003	-1.03e-002	-9.14e-002	5.06e-005	5.96e-005	-2.02e-006
337	3.29e-003	-1.04e-002	-9.49e-002	5.62e-005	2.74e-005	-2.05e-006
338	2.41e-003	-1.05e-002	-0.10	6.18e-005	-6.78e-006	-2.04e-006
339	1.56e-003	-1.07e-002	-9.39e-002	6.74e-005	-4.02e-005	-2.00e-006
340	9.14e-004	-1.08e-002	-8.95e-002	7.28e-005	-7.02e-005	-1.83e-006
341	6.85e-004	-1.09e-002	-8.33e-002	7.79e-005	-8.08e-005	-1.25e-006
342	9.13e-004	-1.09e-002	-7.58e-002	8.18e-005	-1.06e-004	3.98e-007
343	1.71e-003	-1.09e-002	-6.95e-002	8.61e-005	-3.02e-005	-7.22e-007
344	6.33e-003	-1.15e-002	-7.88e-002	4.09e-005	9.36e-005	-3.57e-006
345	6.49e-003	-1.17e-002	-8.59e-002	4.54e-005	7.45e-005	-4.72e-006
346	5.62e-003	-1.21e-002	-9.14e-002	5.07e-005	6.05e-005	-5.02e-006
347	4.08e-003	-1.24e-002	-9.49e-002	5.62e-005	2.81e-005	-5.10e-006
348	2.21e-003	-1.27e-002	-0.10	6.18e-005	-6.85e-006	-5.10e-006
349	3.99e-004	-1.30e-002	-9.39e-002	6.74e-005	-4.10e-005	-5.04e-006
350	-9.79e-004	-1.33e-002	-8.95e-002	7.29e-005	-7.12e-005	-4.82e-006
351	-1.58e-003	-1.36e-002	-8.34e-002	7.84e-005	-8.10e-005	-4.18e-006
352	-1.04e-003	-1.39e-002	-7.59e-002	8.40e-005	-9.64e-005	-2.71e-006
353	6.61e-004	-1.40e-002	-7.02e-002	9.05e-005	-3.03e-005	-2.55e-006
354	9.15e-003	-1.29e-002	-7.91e-002	4.12e-005	1.17e-004	-5.35e-006
355	9.29e-003	-1.33e-002	-8.60e-002	4.55e-005	1.02e-004	-7.33e-006
356	7.70e-003	-1.38e-002	-9.15e-002	5.07e-005	7.53e-005	-7.95e-006
357	5.07e-003	-1.43e-002	-9.49e-002	5.62e-005	3.47e-005	-8.12e-006
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365 2.54e-003 -1.37e-002 -0.15 1.10e-004 1.07e-005 7.19e-006
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373 -8.06e-003 -1.22e-002 -0.13 9.12e-005 -1.65e-004 7.35e-006
374 -1.03e-002 -1.18e-002 -0.12 8.62e-005 -2.01e-004 7.60e-006
375 2.60e-003 -7.43e-003 -8.22e-002 4.37e-005 1.14e-004 1.02e-006
376 2.60e-003 -7.31e-003 -0.10 4.91e-005 1.07e-004 1.02e-006
377 -1.19e-002 -1.13e-002 -0.11 8.08e-005 -2.34e-004 8.36e-006
378 -1.29e-002 -1.08e-002 -9.33e-002 7.43e-005 -2.42e-004 1.06e-005
379 2.60e-003 -7.19e-003 -0.11 5.48e-005 5.57e-005 1.02e-006
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384 2.41e-003 -1.09e-002 -7.12e-002 8.60e-005 3.79e-005 3.13e-007
385 2.80e-003 -1.08e-002 -7.40e-002 8.29e-005 2.45e-005 3.11e-006
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394 2.27e-003 -1.40e-002 -7.13e-002 8.85e-005 2.82e-005 3.09e-006
395 3.25e-003 -1.37e-002 -7.40e-002 8.36e-005 2.57e-005 6.19e-006
396 3.57e-003 -1.34e-002 -7.64e-002 7.84e-005 2.94e-005 7.51e-006
397 3.48e-003 -1.29e-002 -7.82e-002 7.30e-005 1.89e-005 8.00e-006
398 3.17e-003 -1.25e-002 -7.90e-002 6.74e-005 7.24e-006 8.16e-006
399 2.89e-003 -1.20e-002 -7.89e-002 6.18e-005 -3.97e-006 8.18e-006
400 2.89e-003 -1.16e-002 -7.79e-002 5.63e-005 -1.33e-005 8.06e-006
401 3.35e-003 -1.12e-002 -7.64e-002 5.10e-005 -7.26e-006 7.64e-006
402 4.51e-003 -1.08e-002 -7.46e-002 4.66e-005 -7.67e-006 6.27e-006
403 6.34e-003 -1.05e-002 -7.47e-002 4.43e-005 5.67e-005 1.95e-006
404 2.83e-003 -1.71e-002 -7.16e-002 8.86e-005 4.78e-005 4.37e-006
405 4.28e-003 -1.67e-002 -7.41e-002 8.39e-005 4.85e-005 9.25e-006
406 4.55e-003 -1.61e-002 -7.65e-002 7.85e-005 4.14e-005 1.09e-005
407 4.14e-003 -1.55e-002 -7.83e-002 7.30e-005 2.44e-005 1.15e-005
408 3.43e-003 -1.48e-002 -7.91e-002 6.74e-005 6.49e-006 1.17e-005
409 2.75e-003 -1.42e-002 -7.90e-002 6.18e-005 -1.10e-005 1.17e-005
410 2.47e-003 -1.36e-002 -7.80e-002 5.63e-005 -2.69e-005 1.15e-005
411 2.95e-003 -1.30e-002 -7.65e-002 5.12e-005 -3.19e-005 1.07e-005
412 4.71e-003 -1.24e-002 -7.49e-002 4.69e-005 -2.86e-005 8.35e-006
413 8.35e-003 -1.21e-002 -7.51e-002 4.46e-005 5.88e-005 2.27e-006
414 5.31e-003 -8.97e-003 -8.18e-002 4.40e-005 1.36e-004 -2.63e-007
415 5.67e-003 -8.99e-003 -9.10e-002 4.64e-005 1.14e-004 -5.46e-007
416 5.60e-003 -9.03e-003 -0.10 4.92e-005 1.10e-004 -6.00e-007
417 5.13e-003 -9.07e-003 -0.11 5.20e-005 8.48e-005 -6.10e-007
418 4.42e-003 -9.10e-003 -0.11 5.48e-005 5.61e-005 -6.05e-007
419 3.63e-003 -9.14e-003 -0.11 5.76e-005 2.50e-005 -5.74e-007
420 2.93e-003 -9.17e-003 -0.11 6.04e-005 -5.49e-006 -4.64e-007
421 2.47e-003 -9.19e-003 -0.11 6.29e-005 -2.33e-005 -1.18e-007
422 2.34e-003 -9.18e-003 -0.11 6.48e-005 -5.53e-005 6.70e-007
423 2.76e-003 -9.12e-003 -0.10 6.61e-005 -2.99e-006 1.14e-007

424	8.26e-003	-1.05e-002	-8.19e-002	4.47e-005	1.25e-004	-1.15e-006
425	9.09e-003	-1.06e-002	-9.10e-002	4.67e-005	1.15e-004	-1.96e-006
426	8.83e-003	-1.08e-002	-0.10	4.92e-005	1.11e-004	-2.17e-006
427	7.79e-003	-1.09e-002	-0.11	5.20e-005	8.60e-005	-2.22e-006
428	6.28e-003	-1.10e-002	-0.11	5.48e-005	5.66e-005	-2.23e-006
429	4.61e-003	-1.12e-002	-0.11	5.76e-005	2.45e-005	-2.19e-006
430	3.12e-003	-1.13e-002	-0.11	6.05e-005	-6.14e-006	-2.05e-006
431	2.09e-003	-1.14e-002	-0.11	6.33e-005	-2.45e-005	-1.67e-006
432	1.86e-003	-1.15e-002	-0.11	6.65e-005	-3.93e-005	-8.47e-007
433	2.75e-003	-1.15e-002	-0.11	6.94e-005	-1.19e-005	-5.51e-007
434	1.21e-002	-1.21e-002	-8.22e-002	4.50e-005	1.51e-004	-1.79e-006
435	1.33e-002	-1.23e-002	-9.11e-002	4.68e-005	1.46e-004	-3.21e-006
436	1.27e-002	-1.25e-002	-0.10	4.93e-005	1.29e-004	-3.67e-006
437	1.08e-002	-1.27e-002	-0.11	5.20e-005	9.67e-005	-3.81e-006
438	8.25e-003	-1.29e-002	-0.11	5.48e-005	6.00e-005	-3.84e-006
439	5.46e-003	-1.32e-002	-0.11	5.77e-005	2.07e-005	-3.82e-006
440	2.92e-003	-1.34e-002	-0.11	6.05e-005	-1.73e-005	-3.73e-006
441	1.13e-003	-1.36e-002	-0.11	6.36e-005	-4.69e-005	-3.48e-006
442	6.71e-004	-1.38e-002	-0.11	6.73e-005	-6.37e-005	-2.70e-006
443	1.90e-003	-1.40e-002	-0.11	7.09e-005	-5.20e-005	-5.66e-007
444	2.60e-003	-6.82e-003	-0.11	6.86e-005	3.87e-005	1.02e-006
445	2.60e-003	-6.71e-003	-0.11	8.48e-005	3.74e-005	1.02e-006
446	2.60e-003	-6.60e-003	-0.12	1.01e-004	1.81e-005	1.02e-006
447	2.60e-003	-6.49e-003	-0.12	1.17e-004	-1.18e-006	1.02e-006
448	2.60e-003	-6.38e-003	-0.11	1.25e-004	-5.05e-007	1.02e-006
449	1.02e-002	-2.00e-002	-0.12	1.32e-004	1.39e-004	3.27e-006
450	1.15e-002	-1.96e-002	-0.13	1.29e-004	1.36e-004	7.88e-006
451	1.10e-002	-1.92e-002	-0.13	1.24e-004	1.26e-004	9.40e-006
452	9.25e-003	-1.87e-002	-0.14	1.20e-004	9.76e-005	9.97e-006
453	6.46e-003	-1.81e-002	-0.14	1.15e-004	6.31e-005	1.02e-005
454	2.60e-003	-6.27e-003	-0.12	1.26e-004	1.04e-004	1.02e-006
455	2.60e-003	-6.21e-003	-0.13	1.27e-004	9.55e-005	1.02e-006
456	2.90e-003	-1.76e-002	-0.15	1.10e-004	2.01e-005	1.03e-005
457	-1.16e-003	-1.70e-002	-0.15	1.06e-004	-2.73e-005	1.03e-005
458	-5.47e-003	-1.65e-002	-0.14	1.01e-004	-7.73e-005	1.04e-005
459	-9.77e-003	-1.59e-002	-0.14	9.60e-005	-1.27e-004	1.04e-005
460	2.60e-003	-6.11e-003	-0.14	1.20e-004	7.33e-005	1.02e-006
461	2.60e-003	-6.05e-003	-0.14	1.15e-004	4.51e-005	1.02e-006
462	2.60e-003	-5.94e-003	-0.15	1.06e-004	-3.31e-005	1.02e-006
463	2.60e-003	-5.89e-003	-0.14	1.01e-004	-7.70e-005	1.02e-006
464	-1.38e-002	-1.54e-002	-0.13	9.12e-005	-1.75e-004	1.06e-005
465	-1.73e-002	-1.48e-002	-0.12	8.61e-005	-2.16e-004	1.11e-005
466	-2.00e-002	-1.42e-002	-0.11	8.06e-005	-2.54e-004	1.24e-005
467	-2.17e-002	-1.34e-002	-9.32e-002	7.40e-005	-2.74e-004	1.60e-005
468	2.60e-003	-5.78e-003	-0.13	9.13e-005	-1.62e-004	1.02e-006
469	2.60e-003	-5.73e-003	-0.12	8.65e-005	-1.97e-004	1.02e-006
470	2.60e-003	-5.62e-003	-9.34e-002	7.52e-005	-2.39e-004	1.02e-006
471	2.60e-003	-5.56e-003	-7.85e-002	6.62e-005	-2.64e-004	1.02e-006
472	-2.18e-002	-1.24e-002	-7.82e-002	6.44e-005	-2.97e-004	2.60e-005
473	-1.91e-002	-1.04e-002	-6.51e-002	4.55e-005	-9.50e-005	5.23e-005
474	3.17e-003	-9.24e-003	-0.11	6.98e-005	5.23e-005	-3.59e-006
475	3.37e-003	-9.45e-003	-0.11	7.70e-005	3.70e-005	-4.10e-006
476	3.47e-003	-9.68e-003	-0.11	8.49e-005	3.90e-005	-4.19e-006
477	3.40e-003	-9.91e-003	-0.12	9.30e-005	2.85e-005	-4.21e-006
478	6.06e-003	-1.22e-002	-3.53e-002	-1.61e-005	1.00e-004	-2.56e-005
479	5.00e-003	-1.29e-002	-5.24e-002	7.62e-006	4.33e-005	4.10e-006
480	3.52e-003	-1.09e-002	-5.16e-002	-2.09e-005	-4.84e-005	1.28e-005
481	2.59e-003	-9.15e-003	-6.15e-002	-2.53e-006	6.93e-005	1.78e-006
482	1.02e-003	-4.19e-003	-7.57e-002	-2.95e-005	-7.63e-005	1.24e-005
483	-1.12e-004	-6.13e-004	-5.70e-002	-4.28e-005	1.46e-004	-2.05e-005
484	-4.17e-003	-5.05e-003	-5.05e-002	-1.48e-005	-4.81e-004	9.15e-005
485	6.87e-003	-1.75e-002	-1.62e-002	6.52e-005	1.48e-004	2.53e-005
486	4.56e-003	-1.36e-002	-4.87e-002	4.44e-005	5.68e-005	2.42e-008
487	1.20e-003	-1.57e-002	-6.02e-002	6.96e-005	-1.28e-004	-1.27e-005
488	-1.06e-002	-2.50e-002	-0.11	5.47e-005	8.89e-005	7.33e-006

489	-1.25e-002	-3.66e-002	-0.12	1.09e-004	3.19e-005	6.59e-006
490	-1.89e-002	-2.44e-002	-6.65e-002	1.11e-004	-3.03e-004	2.21e-005
491	-2.22e-002	-2.45e-002	-3.15e-002	9.17e-005	-4.15e-004	9.93e-006
492	-1.95e-002	-3.65e-002	-7.74e-002	1.23e-004	-1.05e-004	-2.28e-006
493	-4.47e-003	-2.50e-002	-6.12e-002	8.58e-005	1.46e-004	-2.83e-005
494	-1.81e-002	-2.50e-002	-9.47e-002	6.45e-005	3.12e-004	-5.86e-006
495	-6.52e-003	-3.65e-002	-2.90e-002	1.19e-004	-2.48e-004	-2.65e-005
496	6.54e-003	-9.02e-003	-2.09e-002	-2.21e-004	7.70e-005	-6.31e-006
497	6.23e-003	-7.35e-003	-2.45e-002	-4.62e-005	1.09e-006	-3.51e-006
498	-4.50e-004	-1.38e-002	-1.36e-002	1.51e-004	1.01e-005	-5.83e-005
499	-1.93e-003	-1.27e-002	-2.72e-002	-2.24e-005	-7.52e-006	1.19e-005
500	-6.51e-004	-1.19e-002	-2.79e-002	2.50e-005	2.89e-005	-5.11e-006
501	8.36e-003	-1.09e-002	-2.42e-002	-5.32e-005	3.18e-005	2.87e-005
502	1.88e-002	-1.04e-002	-1.89e-002	-1.94e-006	5.81e-005	2.91e-005
503	2.48e-002	-1.00e-002	-2.26e-002	6.44e-005	6.62e-005	-6.86e-006
504	-3.19e-003	-1.83e-002	-1.97e-002	2.02e-004	-3.24e-005	-4.03e-005
505	-1.96e-003	-1.44e-002	-4.24e-002	-1.36e-006	-3.31e-005	3.21e-006
506	-5.70e-003	-1.25e-002	-3.92e-002	3.48e-005	-5.30e-005	-3.45e-006
507	-4.75e-004	-1.05e-002	-3.76e-002	-6.06e-005	-2.58e-005	5.62e-006
508	4.83e-004	-1.10e-002	-2.65e-002	-6.60e-006	-1.83e-005	7.80e-006
509	1.83e-003	-2.22e-002	-2.80e-002	1.14e-004	4.69e-006	-8.43e-006
510	1.30e-002	1.74e-003	0.00	0.00	0.00	2.13e-006
511	4.53e-003	-2.99e-004	0.00	0.00	0.00	1.74e-006
512	2.36e-003	-8.12e-003	0.00	0.00	0.00	1.02e-006

SPOSTAMENTI NODALI "Peso Proprio" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00

37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	4.38e-003	8.54e-006	-1.05e-002	-4.00e-005	9.17e-005	9.46e-008
42	4.38e-003	6.63e-005	-2.57e-002	-1.27e-006	-6.36e-006	9.46e-008
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	4.42e-003	8.54e-006	-6.59e-003	3.78e-007	6.67e-005	9.46e-008
47	4.45e-003	8.54e-006	-6.73e-003	-2.91e-006	6.45e-005	9.46e-008
48	4.49e-003	8.54e-006	-1.10e-002	4.26e-005	8.84e-005	9.46e-008
49	4.42e-003	6.63e-005	-2.27e-002	-1.73e-006	-8.04e-006	9.46e-008
50	4.45e-003	6.63e-005	-2.15e-002	3.44e-007	-5.81e-006	9.46e-008
51	4.49e-003	6.63e-005	-2.23e-002	-3.14e-006	-1.80e-005	9.46e-008
52	4.38e-003	1.18e-004	-2.07e-002	4.57e-005	-6.74e-005	9.46e-008
53	4.42e-003	1.18e-004	-2.78e-002	-1.10e-005	2.44e-005	9.46e-008
54	4.45e-003	1.18e-004	-2.68e-002	1.72e-005	1.24e-005	9.46e-008
55	4.49e-003	1.18e-004	-2.30e-002	-2.14e-005	2.40e-005	9.46e-008
56	4.49e-003	1.94e-004	-2.04e-002	-5.40e-005	-1.39e-004	9.46e-008
57	4.45e-003	1.94e-004	-2.06e-002	2.06e-005	-9.16e-005	9.46e-008
58	4.42e-003	1.94e-004	-1.87e-002	1.43e-005	-1.40e-004	9.46e-008
59	4.18e-004	-8.92e-004	-1.11e-002	5.64e-005	4.23e-005	6.53e-007
60	4.18e-004	-6.44e-004	-1.29e-002	5.02e-005	-2.07e-005	6.53e-007
61	4.18e-004	-4.67e-004	-8.18e-003	5.46e-005	-2.10e-005	6.53e-007
62	6.99e-004	-8.92e-004	-1.23e-002	-9.72e-006	6.68e-006	6.53e-007
63	6.99e-004	-6.44e-004	-1.16e-002	-9.49e-006	-3.72e-006	6.53e-007
64	6.99e-004	-4.67e-004	-9.96e-003	-1.00e-005	-1.87e-007	6.53e-007
65	9.54e-004	-8.92e-004	-1.50e-002	1.20e-005	3.20e-005	6.53e-007
66	9.54e-004	-6.44e-004	-1.66e-002	1.10e-005	-1.63e-005	6.53e-007
67	9.54e-004	-4.67e-004	-1.16e-002	1.04e-005	-1.61e-005	6.53e-007
68	1.24e-003	-8.92e-004	-1.14e-002	-1.78e-005	6.74e-006	6.53e-007
69	1.24e-003	-6.44e-004	-1.08e-002	-1.55e-005	-2.37e-006	6.53e-007
70	1.24e-003	-4.67e-004	-9.49e-003	-9.77e-006	5.00e-006	6.53e-007
71	1.43e-003	-8.92e-004	-1.23e-002	3.26e-006	3.41e-005	6.53e-007
72	1.43e-003	-6.44e-004	-1.28e-002	-5.22e-006	-1.40e-005	6.53e-007
73	1.43e-003	-4.67e-004	-1.51e-002	7.35e-006	3.66e-005	6.53e-007
74	1.63e-003	-8.92e-004	-1.54e-002	4.32e-005	3.28e-005	6.53e-007
75	1.63e-003	-6.44e-004	-1.45e-002	1.51e-005	-1.56e-005	6.53e-007
76	1.63e-003	-4.67e-004	-1.70e-002	2.27e-005	3.88e-005	6.53e-007
77	1.96e-003	-8.92e-004	-1.45e-002	-7.48e-005	3.42e-005	6.53e-007
78	1.96e-003	-6.44e-004	-1.38e-002	-1.73e-005	-1.33e-005	6.53e-007
79	1.96e-003	-4.67e-004	-1.77e-002	-4.13e-005	4.41e-005	6.53e-007
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82	1.96e-003	-1.01e-004	-2.05e-002	-7.88e-006	1.68e-005	6.53e-007
83	1.17e-003	3.17e-004	-1.34e-002	5.48e-005	9.42e-005	6.53e-007
84	1.17e-003	6.76e-004	-3.01e-002	1.24e-005	1.74e-005	6.53e-007
85	1.17e-003	1.07e-003	-4.75e-002	6.06e-006	4.14e-006	6.53e-007
86	1.43e-003	3.17e-004	-1.92e-002	-3.02e-005	-1.79e-005	6.53e-007
87	1.63e-003	3.17e-004	-1.94e-002	4.62e-005	-2.30e-005	6.53e-007
88	1.96e-003	3.17e-004	-2.32e-002	-4.67e-005	-1.59e-005	6.53e-007
89	1.43e-003	6.76e-004	-1.80e-002	-5.31e-006	2.00e-005	6.53e-007
90	1.63e-003	6.76e-004	-1.87e-002	3.93e-006	2.19e-005	6.53e-007
91	1.96e-003	6.76e-004	-3.04e-002	-1.41e-005	2.84e-005	6.53e-007
92	1.43e-003	1.07e-003	-3.74e-002	-5.99e-006	-3.19e-006	6.53e-007
93	1.63e-003	1.07e-003	-3.51e-002	-4.05e-006	-9.42e-006	6.53e-007
94	1.96e-003	1.07e-003	-4.06e-002	-6.80e-006	-2.30e-005	6.53e-007
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96	1.43e-003	1.43e-003	-5.11e-002	-1.18e-005	8.67e-005	6.53e-007
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179	1.98e-003	-2.11e-003	-2.90e-002	-3.36e-005	4.61e-005	1.62e-006
180	6.62e-004	-1.20e-003	-2.19e-002	6.80e-006	2.24e-005	1.62e-006
181	1.15e-003	-1.20e-003	-2.34e-002	1.99e-006	3.87e-006	1.62e-006
182	1.98e-003	-1.20e-003	-3.35e-002	-7.71e-006	1.72e-005	1.62e-006
183	1.22e-005	-1.58e-004	-2.15e-002	3.64e-005	8.06e-005	1.62e-006
184	1.63e-005	7.36e-004	-4.23e-002	5.82e-006	3.34e-005	1.62e-006
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186	6.62e-004	-1.58e-004	-2.96e-002	-2.30e-005	-2.54e-005	1.62e-006
187	1.15e-003	-1.58e-004	-3.00e-002	2.44e-005	-4.19e-006	1.62e-006
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204	1.15e-003	-2.28e-003	-2.62e-002	9.22e-006	7.71e-006	1.62e-006
205	1.15e-003	-2.20e-003	-2.65e-002	1.16e-005	4.92e-006	1.62e-006
206	1.15e-003	-1.93e-003	-2.81e-002	1.37e-005	4.71e-006	1.62e-006
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232	2.30e-003	2.26e-003	-6.44e-002	2.77e-006	3.25e-005	3.06e-006
233	2.12e-003	2.43e-003	-6.59e-002	7.16e-007	2.71e-005	3.19e-006
234	1.95e-003	2.59e-003	-6.71e-002	-1.59e-006	1.47e-005	2.69e-006
235	1.97e-003	2.67e-003	-6.78e-002	-1.86e-006	2.29e-005	-1.13e-007
236	3.94e-003	8.11e-004	-4.84e-002	1.49e-005	4.96e-005	3.54e-006
237	4.21e-003	1.02e-003	-5.15e-002	1.29e-005	4.82e-005	3.94e-006
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239	4.23e-003	1.46e-003	-5.74e-002	8.87e-006	4.80e-005	4.19e-006
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245	2.82e-003	2.71e-003	-6.84e-002	7.01e-006	1.86e-005	-1.96e-006
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247	5.97e-003	5.64e-004	-5.15e-002	1.29e-005	5.60e-005	5.23e-006
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249	5.92e-003	1.15e-003	-5.74e-002	8.88e-006	5.14e-005	5.47e-006
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252	4.59e-003	2.03e-003	-6.43e-002	3.54e-006	3.27e-005	4.86e-006
253	4.09e-003	2.26e-003	-6.59e-002	3.24e-006	2.45e-005	3.31e-006
254	3.72e-003	2.35e-003	-6.72e-002	7.28e-006	2.35e-005	-1.26e-006
255	3.21e-003	2.15e-003	-6.91e-002	3.55e-005	-4.93e-006	-4.08e-006
256	2.02e-003	2.62e-003	-6.98e-002	2.76e-006	3.97e-005	-1.63e-006
257	1.88e-003	2.53e-003	-7.17e-002	7.84e-006	2.58e-005	-1.55e-006
258	1.71e-003	2.46e-003	-7.33e-002	1.21e-005	2.23e-005	-1.19e-006
259	1.49e-003	2.40e-003	-7.45e-002	1.61e-005	1.36e-005	-1.02e-006
260	1.21e-003	2.35e-003	-7.51e-002	2.00e-005	4.44e-006	-9.58e-007
261	8.87e-004	2.30e-003	-7.52e-002	2.39e-005	-6.25e-006	-9.36e-007
262	5.49e-004	2.25e-003	-7.46e-002	2.78e-005	-1.73e-005	-9.26e-007
263	2.14e-004	2.20e-003	-7.33e-002	3.17e-005	-2.84e-005	-9.17e-007
264	-9.88e-005	2.15e-003	-7.14e-002	3.55e-005	-3.87e-005	-8.94e-007
265	-3.68e-004	2.10e-003	-6.89e-002	3.94e-005	-4.80e-005	-8.25e-007
266	1.24e-003	-2.53e-003	-2.47e-002	2.40e-006	5.34e-006	7.65e-007
267	1.37e-003	-2.57e-003	-2.52e-002	4.26e-006	1.73e-005	-1.09e-006
268	1.37e-003	-2.61e-003	-2.58e-002	7.47e-006	5.96e-006	-4.36e-007
269	1.36e-003	-2.61e-003	-2.62e-002	9.80e-006	7.63e-006	1.37e-007
270	1.33e-003	-2.60e-003	-2.65e-002	1.13e-005	2.22e-006	-8.52e-008
271	1.35e-003	-2.63e-003	-2.67e-002	1.22e-005	6.88e-006	3.81e-007
272	1.57e-003	-2.70e-003	-2.51e-002	1.30e-005	-1.59e-006	5.25e-007
273	1.57e-003	-2.81e-003	-2.52e-002	1.01e-005	8.20e-006	-2.05e-006
274	1.59e-003	-2.91e-003	-2.58e-002	9.52e-006	5.72e-006	-1.60e-006
275	1.59e-003	-2.98e-003	-2.62e-002	1.11e-005	7.81e-006	-1.07e-006
276	1.57e-003	-3.03e-003	-2.65e-002	1.41e-005	6.80e-006	-4.95e-007
277	1.58e-003	-2.99e-003	-2.69e-002	1.75e-005	7.65e-006	-9.16e-007
278	1.28e-003	-3.42e-003	-2.55e-002	3.55e-005	-2.87e-005	1.64e-006
279	1.72e-003	-3.26e-003	-2.52e-002	1.39e-005	1.21e-005	1.63e-006
280	1.85e-003	-3.27e-003	-2.58e-002	1.07e-005	9.05e-006	-1.37e-006
281	1.83e-003	-3.39e-003	-2.62e-002	1.20e-005	7.37e-006	-2.99e-006
282	1.83e-003	-3.60e-003	-2.66e-002	1.72e-005	5.26e-006	-5.42e-006
283	1.87e-003	-3.88e-003	-2.71e-002	4.44e-005	9.86e-006	-2.53e-006
284	1.15e-003	-2.02e-003	-2.75e-002	1.44e-005	9.41e-006	1.62e-006
285	-5.74e-004	2.06e-003	-6.59e-002	4.30e-005	-5.50e-005	-6.14e-007
286	-7.01e-004	2.04e-003	-6.25e-002	4.63e-005	-6.10e-005	1.38e-008
287	1.15e-003	-1.83e-003	-2.83e-002	1.26e-005	1.64e-006	1.62e-006
288	1.15e-003	-1.65e-003	-2.79e-002	9.51e-006	-7.39e-006	1.62e-006
289	-7.40e-004	2.08e-003	-5.89e-002	4.84e-005	-6.08e-005	1.74e-006
290	-8.12e-004	2.26e-003	-5.52e-002	4.73e-005	-6.98e-005	5.21e-006
291	1.15e-003	-1.47e-003	-2.64e-002	6.27e-006	-1.26e-005	1.62e-006
292	1.15e-003	-1.29e-003	-2.44e-002	3.20e-006	-9.35e-006	1.62e-006
293	-8.52e-004	2.63e-003	-5.17e-002	4.21e-005	-5.34e-005	7.11e-006
294	1.15e-003	-1.09e-003	-2.53e-002	2.61e-006	2.01e-005	1.62e-006
295	2.81e-003	2.44e-003	-6.98e-002	7.86e-006	2.81e-005	-4.52e-006
296	2.65e-003	2.23e-003	-7.17e-002	9.47e-006	2.55e-005	-4.04e-006

297	1.15e-003	-8.86e-004	-2.89e-002	3.92e-006	2.24e-005	1.62e-006
298	1.15e-003	-6.78e-004	-3.16e-002	5.27e-006	1.28e-005	1.62e-006
299	2.33e-003	2.03e-003	-7.33e-002	1.26e-005	2.27e-005	-3.70e-006
300	1.87e-003	1.83e-003	-7.45e-002	1.62e-005	1.42e-005	-3.56e-006
301	1.15e-003	-4.70e-004	-3.24e-002	6.57e-006	-2.90e-007	1.62e-006
302	1.15e-003	-2.62e-004	-3.14e-002	7.23e-006	-8.41e-006	1.62e-006
303	1.29e-003	1.65e-003	-7.51e-002	2.00e-005	4.78e-006	-3.51e-006
304	1.36e-003	-2.52e-003	-2.75e-002	1.43e-005	1.30e-005	2.09e-006
305	1.27e-003	-2.41e-003	-2.81e-002	1.40e-005	5.25e-006	2.24e-006
306	1.17e-003	-2.28e-003	-2.83e-002	1.27e-005	1.68e-006	2.49e-006
307	1.06e-003	-2.13e-003	-2.83e-002	1.11e-005	-3.27e-006	2.60e-006
308	9.61e-004	-1.99e-003	-2.79e-002	9.52e-006	-7.61e-006	2.63e-006
309	8.95e-004	-1.84e-003	-2.72e-002	7.90e-006	-1.09e-005	2.64e-006
310	8.86e-004	-1.69e-003	-2.64e-002	6.28e-006	-1.32e-005	2.63e-006
311	9.56e-004	-1.54e-003	-2.54e-002	4.71e-006	-1.13e-005	2.59e-006
312	1.09e-003	-1.40e-003	-2.44e-002	3.30e-006	-1.32e-005	2.43e-006
313	1.33e-003	-1.28e-003	-2.38e-002	2.56e-006	5.69e-006	1.79e-006
314	1.57e-003	-3.05e-003	-2.75e-002	1.68e-005	7.88e-006	1.61e-006
315	1.41e-003	-2.91e-003	-2.81e-002	1.47e-005	5.29e-006	2.97e-006
316	1.20e-003	-2.72e-003	-2.83e-002	1.28e-005	1.63e-006	3.45e-006
317	9.64e-004	-2.52e-003	-2.83e-002	1.12e-005	-3.32e-006	3.60e-006
318	7.48e-004	-2.32e-003	-2.79e-002	9.53e-006	-7.86e-006	3.65e-006
319	6.00e-004	-2.11e-003	-2.73e-002	7.91e-006	-1.13e-005	3.65e-006
320	5.67e-004	-1.91e-003	-2.64e-002	6.31e-006	-1.37e-005	3.62e-006
321	6.90e-004	-1.71e-003	-2.54e-002	4.80e-006	-1.17e-005	3.50e-006
322	1.01e-003	-1.52e-003	-2.44e-002	3.51e-006	-1.07e-005	3.13e-006
323	1.52e-003	-1.38e-003	-2.39e-002	2.83e-006	5.65e-006	1.93e-006
324	1.83e-003	-3.70e-003	-2.75e-002	1.95e-005	1.18e-005	5.26e-006
325	1.61e-003	-3.43e-003	-2.80e-002	1.51e-005	8.08e-006	4.78e-006
326	1.25e-003	-3.17e-003	-2.83e-002	1.29e-005	2.34e-006	4.66e-006
327	8.49e-004	-2.91e-003	-2.83e-002	1.12e-005	-3.81e-006	4.66e-006
328	4.75e-004	-2.65e-003	-2.79e-002	9.54e-006	-9.60e-006	4.67e-006
329	2.03e-004	-2.39e-003	-2.73e-002	7.92e-006	-1.43e-005	4.65e-006
330	1.01e-004	-2.13e-003	-2.64e-002	6.33e-006	-1.79e-005	4.58e-006
331	2.46e-004	-1.88e-003	-2.54e-002	4.84e-006	-1.83e-005	4.36e-006
332	7.44e-004	-1.65e-003	-2.44e-002	3.59e-006	-1.63e-005	3.73e-006
333	1.72e-003	-1.48e-003	-2.40e-002	2.90e-006	5.95e-006	2.04e-006
334	1.59e-003	-1.19e-003	-2.52e-002	2.69e-006	2.56e-005	1.33e-006
335	1.73e-003	-1.10e-003	-2.71e-002	3.27e-006	2.29e-005	1.27e-006
336	1.76e-003	-1.02e-003	-2.89e-002	3.92e-006	2.31e-005	1.26e-006
337	1.69e-003	-9.42e-004	-3.05e-002	4.60e-006	1.88e-005	1.25e-006
338	1.55e-003	-8.62e-004	-3.16e-002	5.27e-006	1.31e-005	1.26e-006
339	1.38e-003	-7.82e-004	-3.23e-002	5.95e-006	6.38e-006	1.26e-006
340	1.21e-003	-7.00e-004	-3.24e-002	6.63e-006	-5.84e-007	1.29e-006
341	1.07e-003	-6.15e-004	-3.21e-002	7.28e-006	-5.53e-006	1.36e-006
342	9.82e-004	-5.26e-004	-3.13e-002	7.80e-006	-1.38e-005	1.07e-006
343	1.01e-003	-4.61e-004	-3.04e-002	4.85e-006	-4.88e-006	2.59e-006
344	2.09e-003	-1.29e-003	-2.52e-002	2.86e-006	2.30e-005	1.14e-006
345	2.40e-003	-1.22e-003	-2.71e-002	3.32e-006	2.29e-005	9.46e-007
346	2.43e-003	-1.16e-003	-2.89e-002	3.94e-006	2.34e-005	8.99e-007
347	2.27e-003	-1.10e-003	-3.05e-002	4.60e-006	1.90e-005	8.87e-007
348	1.97e-003	-1.05e-003	-3.16e-002	5.28e-006	1.32e-005	8.84e-007
349	1.60e-003	-9.91e-004	-3.23e-002	5.98e-006	6.35e-006	8.86e-007
350	1.24e-003	-9.35e-004	-3.24e-002	6.76e-006	-6.10e-007	9.09e-007
351	9.58e-004	-8.79e-004	-3.21e-002	7.85e-006	-5.07e-006	1.00e-006
352	8.03e-004	-8.20e-004	-3.13e-002	1.02e-005	-8.99e-006	1.34e-006
353	8.55e-004	-5.55e-004	-3.07e-002	1.11e-005	-4.91e-006	3.56e-006
354	2.80e-003	-1.39e-003	-2.53e-002	2.94e-006	2.89e-005	1.01e-006
355	3.24e-003	-1.34e-003	-2.71e-002	3.35e-006	2.99e-005	6.66e-007
356	3.24e-003	-1.30e-003	-2.89e-002	3.95e-006	2.78e-005	5.57e-007
357	2.94e-003	-1.26e-003	-3.05e-002	4.60e-006	2.18e-005	5.22e-007
358	2.43e-003	-1.23e-003	-3.16e-002	5.28e-006	1.45e-005	5.00e-007
359	1.82e-003	-1.20e-003	-3.23e-002	5.99e-006	6.23e-006	4.51e-007
360	1.23e-003	-1.17e-003	-3.24e-002	6.83e-006	-2.31e-006	2.71e-007
361	7.46e-004	-1.17e-003	-3.21e-002	8.20e-006	-9.44e-006	-3.91e-007

362	5.26e-004	-1.22e-003	-3.13e-002	1.19e-005	-1.45e-005	-2.30e-006
363	6.71e-004	-1.29e-003	-3.09e-002	4.43e-005	-6.06e-006	4.95e-006
364	1.15e-003	-6.84e-005	-3.06e-002	5.70e-006	4.29e-007	1.62e-006
365	6.38e-004	1.46e-003	-7.52e-002	2.39e-005	-6.08e-006	-3.49e-006
366	-5.31e-005	1.27e-003	-7.46e-002	2.78e-005	-1.73e-005	-3.47e-006
367	1.15e-003	1.10e-004	-3.06e-002	4.46e-006	-3.53e-006	1.62e-006
368	1.15e-003	2.89e-004	-2.99e-002	3.35e-006	-8.55e-006	1.62e-006
369	-7.40e-004	1.09e-003	-7.33e-002	3.17e-005	-2.86e-005	-3.46e-006
370	-1.38e-003	9.05e-004	-7.14e-002	3.55e-005	-3.91e-005	-3.42e-006
371	1.15e-003	4.68e-004	-2.84e-002	2.12e-006	-9.89e-006	1.62e-006
372	1.15e-003	6.47e-004	-2.70e-002	9.25e-007	-3.28e-006	1.62e-006
373	-1.94e-003	7.25e-004	-6.89e-002	3.94e-005	-4.86e-005	-3.31e-006
374	-2.36e-003	5.55e-004	-6.59e-002	4.32e-005	-5.57e-005	-3.01e-006
375	1.15e-003	8.35e-004	-2.87e-002	1.79e-006	2.92e-005	1.62e-006
376	1.15e-003	1.03e-003	-3.35e-002	5.42e-006	3.63e-005	1.62e-006
377	-2.62e-003	4.12e-004	-6.25e-002	4.70e-005	-6.17e-005	-2.18e-006
378	-2.69e-003	3.44e-004	-5.89e-002	5.11e-005	-5.92e-005	3.71e-008
379	1.15e-003	1.23e-003	-3.81e-002	9.25e-006	3.34e-005	1.62e-006
380	1.15e-003	1.43e-003	-4.18e-002	1.30e-005	2.74e-005	1.62e-006
381	-2.59e-003	4.61e-004	-5.51e-002	5.64e-005	-6.11e-005	5.06e-006
382	-2.57e-003	9.93e-004	-5.24e-002	5.90e-005	-2.99e-005	1.19e-005
383	1.15e-003	1.63e-003	-4.46e-002	1.55e-005	2.58e-005	1.62e-006
384	1.06e-003	-2.70e-004	-3.06e-002	5.31e-006	4.19e-006	2.68e-006
385	1.03e-003	-1.54e-004	-3.07e-002	5.20e-006	-2.01e-006	1.96e-006
386	9.90e-004	-4.76e-005	-3.06e-002	4.60e-006	-3.47e-006	1.96e-006
387	9.49e-004	6.14e-005	-3.04e-002	3.98e-006	-6.45e-006	2.00e-006
388	9.19e-004	1.72e-004	-2.99e-002	3.36e-006	-8.76e-006	2.01e-006
389	9.22e-004	2.83e-004	-2.92e-002	2.75e-006	-1.01e-005	2.02e-006
390	9.77e-004	3.93e-004	-2.84e-002	2.13e-006	-1.05e-005	2.02e-006
391	1.11e-003	5.04e-004	-2.77e-002	1.55e-006	-6.92e-006	2.00e-006
392	1.30e-003	6.12e-004	-2.70e-002	1.04e-006	-6.74e-006	1.92e-006
393	1.58e-003	7.09e-004	-2.68e-002	9.67e-007	1.30e-005	1.44e-006
394	9.39e-004	-4.94e-004	-3.06e-002	8.41e-006	-1.06e-006	2.24e-006
395	9.15e-004	-3.50e-004	-3.07e-002	6.14e-006	-2.12e-006	2.37e-006
396	8.38e-004	-2.14e-004	-3.07e-002	4.89e-006	-3.53e-006	2.42e-006
397	7.42e-004	-7.97e-005	-3.04e-002	4.07e-006	-6.50e-006	2.42e-006
398	6.65e-004	5.34e-005	-2.99e-002	3.39e-006	-9.02e-006	2.41e-006
399	6.53e-004	1.86e-004	-2.92e-002	2.76e-006	-1.05e-005	2.41e-006
400	7.51e-004	3.18e-004	-2.85e-002	2.17e-006	-1.10e-005	2.39e-006
401	9.95e-004	4.48e-004	-2.77e-002	1.63e-006	-7.28e-006	2.33e-006
402	1.43e-003	5.71e-004	-2.70e-002	1.26e-006	-4.60e-006	2.09e-006
403	2.04e-003	6.67e-004	-2.70e-002	1.26e-006	1.30e-005	1.28e-006
404	8.64e-004	-8.74e-004	-3.06e-002	1.19e-005	2.51e-006	7.37e-006
405	8.60e-004	-5.85e-004	-3.07e-002	6.73e-006	8.10e-007	4.24e-006
406	7.10e-004	-3.90e-004	-3.06e-002	5.04e-006	-2.80e-006	3.23e-006
407	5.17e-004	-2.24e-004	-3.04e-002	4.12e-006	-7.00e-006	2.93e-006
408	3.52e-004	-6.59e-005	-2.99e-002	3.41e-006	-1.07e-005	2.84e-006
409	2.84e-004	8.90e-005	-2.92e-002	2.77e-006	-1.34e-005	2.80e-006
410	3.79e-004	2.42e-004	-2.85e-002	2.18e-006	-1.51e-005	2.74e-006
411	7.08e-004	3.90e-004	-2.77e-002	1.67e-006	-1.37e-005	2.60e-006
412	1.37e-003	5.24e-004	-2.71e-002	1.35e-006	-9.99e-006	2.20e-006
413	2.50e-003	6.19e-004	-2.70e-002	1.33e-006	1.32e-005	1.16e-006
414	1.91e-003	7.70e-004	-2.86e-002	1.88e-006	3.44e-005	7.38e-007
415	2.13e-003	8.09e-004	-3.10e-002	3.58e-006	3.37e-005	5.78e-007
416	2.26e-003	8.43e-004	-3.35e-002	5.44e-006	3.70e-005	5.36e-007
417	2.29e-003	8.76e-004	-3.59e-002	7.34e-006	3.58e-005	5.26e-007
418	2.27e-003	9.08e-004	-3.81e-002	9.25e-006	3.36e-005	5.28e-007
419	2.22e-003	9.40e-004	-4.01e-002	1.12e-005	3.05e-005	5.46e-007
420	2.17e-003	9.75e-004	-4.18e-002	1.30e-005	2.73e-005	6.13e-007
421	2.15e-003	1.02e-003	-4.33e-002	1.47e-005	2.54e-005	8.37e-007
422	2.18e-003	1.09e-003	-4.46e-002	1.58e-005	2.01e-005	1.48e-006
423	2.38e-003	1.21e-003	-4.58e-002	1.57e-005	3.31e-005	2.24e-006
424	2.73e-003	6.98e-004	-2.86e-002	2.09e-006	3.15e-005	-4.12e-008
425	3.19e-003	6.82e-004	-3.10e-002	3.65e-006	3.39e-005	-4.31e-007
426	3.41e-003	6.52e-004	-3.35e-002	5.46e-006	3.73e-005	-5.40e-007

427	3.47e-003	6.19e-004	-3.59e-002	7.35e-006	3.61e-005	-5.68e-007
428	3.41e-003	5.84e-004	-3.81e-002	9.25e-006	3.38e-005	-5.67e-007
429	3.29e-003	5.50e-004	-4.01e-002	1.12e-005	3.04e-005	-5.36e-007
430	3.18e-003	5.20e-004	-4.18e-002	1.30e-005	2.74e-005	-4.27e-007
431	3.13e-003	5.03e-004	-4.33e-002	1.48e-005	2.53e-005	-9.10e-008
432	3.19e-003	5.25e-004	-4.47e-002	1.63e-005	2.92e-005	8.57e-007
433	3.59e-003	6.32e-004	-4.61e-002	1.67e-005	2.86e-005	2.90e-006
434	3.73e-003	6.22e-004	-2.87e-002	2.17e-006	3.69e-005	-7.15e-007
435	4.42e-003	5.53e-004	-3.10e-002	3.69e-006	4.06e-005	-1.38e-006
436	4.71e-003	4.61e-004	-3.35e-002	5.47e-006	4.13e-005	-1.59e-006
437	4.74e-003	3.61e-004	-3.59e-002	7.35e-006	3.87e-005	-1.65e-006
438	4.59e-003	2.60e-004	-3.81e-002	9.25e-006	3.50e-005	-1.66e-006
439	4.36e-003	1.60e-004	-4.01e-002	1.12e-005	3.03e-005	-1.61e-006
440	4.14e-003	6.51e-005	-4.18e-002	1.30e-005	2.59e-005	-1.46e-006
441	4.02e-003	-1.33e-005	-4.33e-002	1.48e-005	2.15e-005	-1.01e-006
442	4.12e-003	-4.29e-005	-4.47e-002	1.64e-005	2.18e-005	3.94e-007
443	4.30e-003	5.16e-005	-4.64e-002	1.56e-005	1.89e-006	3.69e-006
444	1.15e-003	1.82e-003	-4.85e-002	1.39e-005	4.79e-005	1.62e-006
445	1.15e-003	1.99e-003	-5.45e-002	1.08e-005	4.98e-005	1.62e-006
446	1.15e-003	2.17e-003	-6.01e-002	6.81e-006	4.34e-005	1.62e-006
447	1.15e-003	2.35e-003	-6.44e-002	2.52e-006	3.22e-005	1.62e-006
448	1.15e-003	2.52e-003	-6.72e-002	-2.63e-006	2.15e-005	1.62e-006
449	3.67e-003	2.07e-003	-6.98e-002	1.20e-005	3.66e-005	-2.07e-006
450	3.59e-003	1.87e-003	-7.17e-002	1.04e-005	3.36e-005	-4.80e-006
451	3.11e-003	1.58e-003	-7.33e-002	1.28e-005	2.73e-005	-5.71e-006
452	2.37e-003	1.26e-003	-7.45e-002	1.63e-005	1.76e-005	-5.96e-006
453	1.45e-003	9.43e-004	-7.51e-002	2.01e-005	6.92e-006	-6.02e-006
454	1.15e-003	2.70e-003	-6.99e-002	1.75e-006	3.19e-005	1.62e-006
455	1.15e-003	2.79e-003	-7.17e-002	7.11e-006	2.49e-005	1.62e-006
456	4.25e-004	6.22e-004	-7.51e-002	2.39e-005	-5.06e-006	-6.02e-006
457	-6.60e-004	3.01e-004	-7.45e-002	2.78e-005	-1.75e-005	-6.02e-006
458	-1.74e-003	-2.01e-005	-7.33e-002	3.17e-005	-2.98e-005	-6.00e-006
459	-2.75e-003	-3.39e-004	-7.14e-002	3.55e-005	-4.15e-005	-5.96e-006
460	1.15e-003	2.96e-003	-7.45e-002	1.60e-005	1.32e-005	1.62e-006
461	1.15e-003	3.05e-003	-7.51e-002	2.00e-005	4.21e-006	1.62e-006
462	1.15e-003	3.22e-003	-7.46e-002	2.78e-005	-1.73e-005	1.62e-006
463	1.15e-003	3.31e-003	-7.33e-002	3.17e-005	-2.82e-005	1.62e-006
464	-3.63e-003	-6.54e-004	-6.89e-002	3.94e-005	-5.21e-005	-5.85e-006
465	-4.32e-003	-9.60e-004	-6.59e-002	4.33e-005	-6.04e-005	-5.60e-006
466	-4.76e-003	-1.24e-003	-6.25e-002	4.74e-005	-6.81e-005	-5.07e-006
467	-4.87e-003	-1.48e-003	-5.89e-002	5.27e-005	-6.99e-005	-4.02e-006
468	1.15e-003	3.48e-003	-6.89e-002	3.93e-005	-4.76e-005	1.62e-006
469	1.15e-003	3.57e-003	-6.59e-002	4.29e-005	-5.45e-005	1.62e-006
470	1.15e-003	3.74e-003	-5.89e-002	4.70e-005	-6.00e-005	1.62e-006
471	1.15e-003	3.83e-003	-5.53e-002	4.36e-005	-6.28e-005	1.62e-006
472	-4.45e-003	-1.63e-003	-5.51e-002	6.21e-005	-7.19e-005	-1.34e-006
473	-2.95e-003	-1.46e-003	-5.30e-002	9.05e-005	1.90e-005	1.59e-005
474	2.56e-003	1.32e-003	-4.84e-002	1.44e-005	5.31e-005	2.29e-006
475	2.65e-003	1.46e-003	-5.15e-002	1.27e-005	4.85e-005	2.70e-006
476	2.70e-003	1.61e-003	-5.45e-002	1.08e-005	5.06e-005	2.85e-006
477	2.67e-003	1.77e-003	-5.74e-002	8.85e-006	4.75e-005	2.91e-006
478	2.69e-003	-4.55e-003	-3.25e-002	-9.09e-005	5.36e-005	-1.10e-005
479	2.34e-003	2.82e-003	-3.75e-002	-3.21e-005	1.95e-005	4.18e-006
480	1.77e-003	-4.16e-003	-4.28e-002	-8.36e-005	-1.94e-005	3.43e-006
481	1.39e-003	5.00e-003	-4.65e-002	-2.75e-005	3.09e-005	1.27e-005
482	7.17e-004	9.03e-003	-5.57e-002	-3.92e-005	-2.83e-005	3.59e-006
483	2.81e-004	8.92e-003	-5.16e-002	-5.05e-005	6.71e-005	-1.00e-005
484	-1.78e-003	-3.56e-004	-5.25e-002	-8.46e-005	-2.15e-004	2.28e-005
485	4.45e-003	-3.57e-003	-2.28e-002	6.94e-005	9.26e-005	4.07e-006
486	3.03e-003	-8.30e-004	-4.44e-002	1.51e-005	4.01e-005	5.95e-006
487	9.66e-004	2.74e-003	-6.57e-002	4.05e-006	-1.59e-005	-5.74e-006
488	9.43e-004	1.42e-004	-4.77e-002	-2.96e-005	8.75e-005	9.20e-006
489	-3.90e-004	-5.93e-003	-7.19e-002	-1.15e-006	1.06e-004	2.80e-006
490	-4.52e-003	-7.93e-003	-5.48e-002	-1.53e-005	-2.87e-004	1.22e-005
491	-9.26e-003	-7.92e-003	-4.84e-002	7.00e-005	-3.35e-004	9.59e-006

492	-6.29e-003	-6.44e-003	-7.60e-002	5.70e-006	1.02e-004	1.36e-006
493	-5.81e-004	-1.35e-004	-6.68e-002	5.61e-005	8.80e-005	-1.39e-005
494	-5.45e-003	7.69e-005	-5.25e-002	-3.83e-005	1.11e-004	2.11e-006
495	-2.41e-003	-7.45e-003	-5.58e-002	8.22e-005	-1.17e-004	-1.13e-005
496	2.67e-003	-4.06e-003	-2.75e-002	-1.53e-004	5.68e-005	8.36e-006
497	2.65e-003	1.17e-003	-2.54e-002	-4.88e-005	-1.35e-005	-6.89e-006
498	-4.07e-003	-5.98e-003	-2.01e-002	5.86e-005	5.84e-005	-8.87e-006
499	-9.28e-004	-5.55e-003	-2.22e-002	-4.01e-006	1.19e-005	1.78e-006
500	-3.51e-003	-5.25e-003	-2.77e-002	1.24e-005	5.49e-005	1.03e-006
501	4.56e-003	-4.88e-003	-2.06e-002	-2.18e-005	2.35e-005	1.89e-005
502	9.64e-003	-4.80e-003	-2.12e-002	5.69e-006	3.03e-005	9.47e-006
503	1.01e-002	-4.70e-003	-2.71e-002	6.25e-005	3.20e-005	-8.28e-006
504	-5.14e-003	-4.83e-003	-2.14e-002	4.60e-005	-4.23e-005	-1.04e-005
505	-3.50e-003	-3.96e-003	-1.86e-002	3.78e-006	-2.58e-005	2.66e-006
506	-4.22e-003	-3.53e-003	-2.82e-002	1.15e-005	-4.38e-005	9.03e-007
507	-1.35e-003	-3.03e-003	-1.73e-002	-1.56e-005	-1.68e-005	3.42e-006
508	-7.21e-004	-3.24e-003	-2.04e-002	1.22e-005	-1.45e-005	3.95e-006
509	1.21e-003	-2.73e-003	-5.47e-002	5.37e-005	-3.93e-005	-3.65e-006
510	4.44e-003	9.55e-005	0.00	0.00	0.00	9.46e-008
511	1.48e-003	3.01e-004	0.00	0.00	0.00	6.53e-007
512	7.63e-004	-2.63e-004	0.00	0.00	0.00	1.62e-006

SFORZI "Torcente di piano SLV" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:01.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	-1505.78	-114.85	26.67	-293.75	-4186.98	-34232.39
	509	1505.78	114.85	-26.67	293.75	-7142.89	-14565.64
2	255	4401.64	-207.98	-11.84	-585.90	2079.38	-21733.46
	196	-4401.64	207.98	11.84	585.90	1684.04	-44371.57
3	487	-41.42	37.95	-24.27	-7055.69	6452.93	11263.75
	509	41.42	-37.95	24.27	7055.69	6833.37	9513.32
4	509	36.48	-16.21	-419.71	2762.01	38071.57	-2061.81
	495	-36.48	16.21	419.71	-2762.01	12293.75	116.94
5	195	637.60	7.15	924.43	3016.17	-108084.27	-7614.39
	509	-637.60	-7.15	-924.43	-3016.17	-30579.50	8686.95
6	403	0.95	25.23	16.82	-2171.71	-620.58	448.63
	413	-0.95	-25.23	-16.82	2171.71	31.75	434.30
7	393	9.59	101.32	25.80	-3023.55	-1685.58	2360.79
	403	-9.59	-101.32	-25.80	3023.55	782.56	1185.58
8	190	17.23	302.08	38.95	-3313.20	-3298.11	16237.77
	393	-17.23	-302.08	-38.95	3313.20	1934.69	-5665.02
9	353	-99.29	11.44	45.62	-583.31	-4561.01	773.37
	363	99.29	-11.44	-45.62	583.31	2964.47	-372.80
10	343	-94.96	81.04	64.35	-1646.02	-9049.55	1978.30
	353	94.96	-81.04	-64.35	1646.02	6797.31	858.04
11	187	-124.13	253.07	127.15	-1945.09	-15923.06	13782.23
	343	124.13	-253.07	-127.15	1945.09	11472.76	-4924.81
12	323	11.85	23.04	-17.98	-109.06	609.61	454.72
	333	-11.85	-23.04	17.98	109.06	19.55	351.81
13	313	32.27	89.16	-24.73	-135.05	1523.59	2072.97
	323	-32.27	-89.16	24.73	135.05	-658.00	1047.58
14	181	62.36	266.10	-36.02	-137.82	2932.19	14563.02
	313	-62.36	-266.10	36.02	137.82	-1671.50	-5249.41
15	277	124.96	11.17	-133.44	-726.18	6960.83	714.74
	283	-124.96	-11.17	133.44	726.18	-2290.31	-323.72
16	271	121.74	74.20	-165.38	-764.49	17026.52	2155.24

	277	-121.74	-74.20	165.38	764.49	-11238.11	441.61
17	176	180.25	259.98	-287.79	-768.79	31886.94	14623.14
	271	-180.25	-259.98	287.79	768.79	-21814.40	-5523.95
18	272	215.05	-116.47	-212.51	221.81	21705.33	-3621.15
	278	-215.05	116.47	212.51	-221.81	-14267.45	-455.47
19	266	139.56	44.25	-277.22	-1525.74	34502.20	-807.09
	272	-139.56	-44.25	277.22	1525.74	-24799.52	2355.90
20	175	150.88	94.92	-409.10	-4700.30	52157.55	3023.13
	266	-150.88	-94.92	409.10	4700.30	-37838.89	298.93
21	508	247.20	-90.67	-2.86	2017.86	638.66	-14724.25
	278	-247.20	90.67	2.86	-2017.86	219.47	-12476.40
22	506	-201.37	-2.50	-10.85	-1224.78	2355.32	-3182.39
	500	201.37	2.50	10.85	1224.78	2139.18	2146.04
23	167	-466.70	-194.61	24.79	-1585.71	-5112.48	-42997.27
	506	466.70	194.61	-24.79	1585.71	-2068.33	-13381.95
24	507	96.68	-9.65	27.39	2923.65	-4616.25	-2033.14
	508	-96.68	9.65	-27.39	-2923.65	-3599.74	-862.07
25	506	84.27	-72.93	-20.69	-2339.30	4912.50	-15406.80
	507	-84.27	72.93	20.69	2339.30	3982.30	-15954.52
26	505	200.45	-41.64	47.94	8349.12	-9776.82	-8377.92
	506	-200.45	41.64	-47.94	-8349.12	-8918.46	-7862.97
27	504	238.46	-71.64	-39.11	-7527.32	8173.92	-16582.62
	505	-238.46	71.64	39.11	7527.32	8645.13	-14224.58
28	504	-332.85	21.80	30.77	-1198.27	-4785.67	1186.99
	498	332.85	-21.80	-30.77	1198.27	-7960.92	7845.67
29	161	-1042.74	-280.78	18.49	-3287.28	-974.86	-61716.01
	504	1042.74	280.78	-18.49	3287.28	-4381.83	-19624.97
30	499	80.43	21.06	-41.76	-3085.84	9815.65	5077.90
	498	-80.43	-21.06	41.76	3085.84	8142.21	3977.48
31	500	109.26	-0.32	52.31	2083.97	-9766.88	-629.33
	499	-109.26	0.32	-52.31	-2083.97	-10633.90	504.47
32	501	141.90	37.72	-22.03	-920.33	3979.77	8170.63
	500	-141.90	-37.72	22.03	920.33	5495.15	8050.43
33	502	154.98	1.02	18.69	-71.02	-1738.81	935.76
	501	-154.98	-1.02	-18.69	71.02	-3867.72	-628.28
34	503	173.49	27.44	2.13	1106.93	-595.93	3469.44
	502	-173.49	-27.44	-2.13	-1106.93	-44.51	4763.71
35	496	200.34	5.84	5.10	30.37	-1906.10	699.61
	503	-200.34	-5.84	-5.10	-30.37	-696.45	2280.19
36	160	455.41	-516.96	-226.18	414.53	34872.96	-65191.82
	504	-455.41	516.96	226.18	-414.53	-11123.76	10910.67
37	163	30.00	-87.05	38.01	-1131.69	18611.14	-25016.75
	505	-30.00	87.05	-38.01	1131.69	-22602.50	15876.43
38	166	236.75	-112.09	80.54	-3686.29	14646.91	-17645.47
	506	-236.75	112.09	-80.54	3686.29	-23103.75	5875.93
39	169	63.28	-48.07	-12.41	-633.95	19290.89	-10310.53
	507	-63.28	48.07	12.41	633.95	-17987.66	5262.95
40	172	-81.02	30.25	-150.52	-2961.08	31390.50	4081.73
	508	81.02	-30.25	150.52	2961.08	-15586.32	-905.79
41	159	91.51	-272.23	-111.20	1317.21	29732.34	-62570.24
	498	-91.51	272.23	111.20	-1317.21	292.37	-10931.51

42	162	21.38	-94.07	-28.82	-818.25	13365.00	-30569.30
	499	-21.38	94.07	28.82	818.25	-5582.37	5169.82
43	165	44.45	-109.37	-21.79	-1821.73	13032.38	-24379.24
	500	-44.45	109.37	21.79	1821.73	-7149.67	-5150.34
44	168	36.70	-40.72	-13.08	112.04	11074.85	-11844.55
	501	-36.70	40.72	13.08	-112.04	-7542.35	849.31
45	171	-26.42	16.55	-18.51	-1783.32	10698.45	3291.53
	502	26.42	-16.55	18.51	1783.32	-5699.47	1177.95
46	174	21.60	-2.97	-26.84	-1292.39	12997.16	275.13
	503	-21.60	2.97	26.84	1292.39	-5749.62	-1076.56
47	177	74.54	-18.69	-133.48	538.42	34100.61	1876.00
	496	-74.54	18.69	133.48	-538.42	1939.10	-6922.84
48	178	70.88	-43.55	-100.09	-1977.73	29599.13	-4210.78
	497	-70.88	43.55	100.09	1977.73	-2575.57	-7548.66
49	278	-465.91	4.49	5.23	-386.22	-1226.71	1054.30
	496	465.91	-4.49	-5.23	386.22	-2212.08	1894.46
50	497	242.13	43.96	-31.85	-564.31	7612.41	10197.19
	496	-242.13	-43.96	31.85	564.31	4488.72	6505.78
51	478	198.58	-26.92	68.24	2011.26	-8835.25	-4619.92
	497	-198.58	26.92	-68.24	-2011.26	-9590.14	-2648.53
52	173	-1419.14	-47.22	2.97	-57.41	-997.30	-16603.07
	278	1419.14	47.22	-2.97	57.41	-239.62	-3090.07
53	283	-233.95	10.31	-2.52	12.65	-654.57	1750.04
	478	233.95	-10.31	2.52	-12.65	2007.40	3774.90
54	173	-698.56	-30.59	3.63	882.09	-1254.78	-7719.26
	283	698.56	30.59	-3.63	-882.09	99.72	-2004.32
55	483	-18.93	-6.64	7.62	-47.60	-3856.05	-2113.01
	484	18.93	6.64	-7.62	47.60	-2220.85	-3186.86
56	482	0.47	-50.27	-49.02	-12025.85	12332.24	-14095.16
	483	-0.47	50.27	49.02	12025.85	14641.49	-13564.83
57	481	72.89	-1.25	15.11	1200.55	-715.74	-1998.74
	482	-72.89	1.25	-15.11	-1200.55	-8502.62	1236.70
58	480	84.60	-11.27	25.10	7639.48	-8279.05	-2826.03
	481	-84.60	11.27	-25.10	-7639.48	-5523.44	-3372.98
59	479	114.20	-11.06	-0.94	344.35	-1093.80	-2776.32
	480	-114.20	11.06	0.94	-344.35	1695.42	-4303.95
60	478	163.92	-33.46	-11.38	-1334.10	4519.44	-11322.21
	479	-163.92	33.46	11.38	1334.10	1851.29	-7414.04
61	363	156.98	-9.77	-8.20	-269.78	743.99	-2893.31
	480	-156.98	9.77	8.20	269.78	3651.39	-2345.58
62	186	415.01	57.35	-5.47	209.10	206.15	13125.42
	363	-415.01	-57.35	5.47	-209.10	1531.93	5102.07
63	473	393.26	126.10	-1.95	185.03	276.41	49734.29
	484	-393.26	-126.10	1.95	-185.03	692.51	12782.61
64	255	3386.16	-37.25	25.36	341.21	-5681.26	-4515.16
	483	-3386.16	37.25	-25.36	-341.21	-7429.83	-14747.62
65	492	132.35	-0.45	2.38	-977.15	-294.22	-2331.71
	489	-132.35	0.45	-2.38	977.15	-420.03	2197.32
66	494	45.44	4.14	-69.22	-806.23	17903.53	1682.95
	492	-45.44	-4.14	69.22	806.23	19819.19	571.45
67	492	382.97	-38.97	24.83	-645.19	-2649.73	-3868.12

	495	-382.97	38.97	-24.83	645.19	-7218.69	-11622.42
68	491	60.17	-14.24	39.30	4433.90	-14725.01	-5768.81
	492	-60.17	14.24	-39.30	-4433.90	-16814.33	-5657.82
69	490	-137.33	-113.90	-86.65	-886.33	13093.59	-21136.21
	491	137.33	113.90	86.65	886.33	12686.73	-12750.82
70	489	-78.65	-3.16	38.89	5366.70	-16729.75	-1189.50
	490	78.65	3.16	-38.89	-5366.70	-14385.78	-1341.58
71	488	-68.00	-1.55	-59.88	-233.24	14609.94	-322.75
	489	68.00	1.55	59.88	233.24	18022.65	-521.30
72	494	58.25	110.26	73.65	-618.34	-9896.80	15082.76
	488	-58.25	-110.26	-73.65	618.34	-12198.31	17995.75
73	493	-2.62	80.77	38.93	-1086.64	-8836.13	18344.53
	494	2.62	-80.77	-38.93	1086.64	-6638.73	13760.66
74	493	-11.03	2.49	-36.91	675.62	10226.16	529.33
	495	11.03	-2.49	36.91	-675.62	9980.71	835.21
75	473	-110.74	-9.15	-97.70	-1292.19	-10388.37	-877.46
	490	110.74	9.15	97.70	1292.19	26509.61	-632.89
76	382	103.45	43.62	-375.06	-714.79	-40656.05	-79.12
	473	-103.45	-43.62	375.06	714.79	53783.10	1605.95
77	293	9.13	141.42	-243.19	-3852.83	-29125.34	4182.58
	382	-9.13	-141.42	243.19	3852.83	37637.03	767.07
78	200	-11.48	333.47	-151.10	-6525.89	-21074.56	18010.89
	293	11.48	-333.47	151.10	6525.89	26363.08	-6339.38
79	255	-1.17	-8.27	33.58	872.87	-2137.55	-630.53
	489	1.17	8.27	-33.58	-872.87	-3402.61	-733.65
80	245	-384.03	48.06	191.96	-1337.72	-27308.07	-401.67
	255	384.03	-48.06	-191.96	1337.72	20589.63	2083.73
81	235	-319.27	123.44	321.82	-1001.46	-47164.69	2761.20
	245	319.27	-123.44	-321.82	1001.46	35901.03	1559.15
82	197	-384.48	350.23	652.06	-850.35	-80090.80	18320.21
	235	384.48	-350.23	-652.06	850.35	57268.78	-6062.32
83	443	-111.81	5.65	118.13	2411.63	-37720.23	636.36
	488	111.81	-5.65	-118.13	-2411.63	18228.98	295.59
84	433	-75.96	18.41	-64.34	2455.74	-30009.80	660.70
	443	75.96	-18.41	64.34	-2455.74	32261.56	-16.36
85	423	-74.46	93.59	105.74	2475.75	-35025.15	2293.06
	433	74.46	-93.59	-105.74	-2475.75	31324.21	982.76
86	193	-97.73	289.99	332.45	2588.18	-49190.64	15705.31
	423	97.73	-289.99	-332.45	-2588.18	37554.80	-5555.65
87	201	99.66	27.76	176.09	-2038.28	-64738.36	2734.20
	491	-99.66	-27.76	-176.09	2038.28	17194.78	4761.53
88	196	-29.31	39.46	141.75	60.90	-34590.86	4767.19
	492	29.31	-39.46	-141.75	-60.90	-3682.09	5886.75
89	192	33.63	10.72	8.34	1368.00	-31902.10	742.08
	494	-33.63	-10.72	-8.34	-1368.00	29649.65	2151.25
90	487	83.26	-49.96	39.53	1390.03	-22412.35	-5437.49
	493	-83.26	49.96	-39.53	-1390.03	17668.91	-557.31
91	185	131.39	84.02	71.05	3810.90	-39762.89	1806.37
	487	-131.39	-84.02	-71.05	-3810.90	29105.46	10796.30
92	486	-175.39	-10.19	7.25	-362.58	-392.70	-307.94
	487	175.39	10.19	-7.25	362.58	-4032.06	-5904.95

93	485	-108.25	-3.25	17.34	8034.94	-5272.77	-1365.34
	486	108.25	3.25	-17.34	-8034.94	-4266.96	-423.60
94	186	-281.21	-17.26	-8.48	-498.97	902.73	-5977.43
	485	281.21	17.26	8.48	498.97	2721.99	-1394.76
95	183	111.65	-99.84	240.40	-2548.89	-29413.11	-14135.59
	485	-111.65	99.84	-240.40	2548.89	-6646.30	-840.26
96	184	-6.93	-67.07	9.60	-4659.66	-9835.35	-9292.33
	486	6.93	67.07	-9.60	4659.66	8395.51	-768.06
97	179	1.83	-37.18	-146.15	-2409.77	32339.10	-2706.63
	478	-1.83	37.18	146.15	2409.77	7120.26	-7332.25
98	182	22.39	-49.73	-10.44	757.48	4496.24	-3235.54
	479	-22.39	49.73	10.44	-757.48	-1678.44	-10190.36
99	188	-39.23	-37.68	126.72	-3026.49	-24586.35	-2141.19
	480	39.23	37.68	-126.72	3026.49	-9627.79	-8031.97
100	191	10.02	-11.82	9.60	-6239.18	-9045.73	2144.39
	481	-10.02	11.82	-9.60	6239.18	6454.19	-5336.96
101	194	-49.02	-73.98	64.12	3829.62	-30981.12	-7506.34
	482	49.02	73.98	-64.12	-3829.62	13668.57	-12468.88
102	198	-1001.64	-25.13	3163.94	3635.18	-828015.61	7368.23
	483	1001.64	25.13	-3163.94	-3635.18	-26248.95	-14154.25
103	199	-243.15	15.00	337.00	-1629.41	-103817.99	7573.37
	484	243.15	-15.00	-337.00	1629.41	12826.89	-3523.53
179	472	-29.10	0.20	-11.15	-261.49	408.61	9.06
	473	29.10	-0.20	11.15	261.49	185.80	1.52
180	467	-39.44	8.73e-002	3.18	-8.20	68.24	5.83
	472	39.44	-8.73e-002	-3.18	8.20	-237.68	-1.17
181	466	-36.85	4.19e-002	1.72	68.32	6.52	3.91
	467	36.85	-4.19e-002	-1.72	-68.32	-98.29	-1.67
182	471	-7.28e-012	-6.15	0.00	198.79	-2.33e-010	-89.86
	200	7.28e-012	6.15	0.00	-198.79	-2.33e-010	-238.19
183	470	7.28e-012	-0.39	-7.28e-012	168.14	0.00	-14.98
	471	-7.28e-012	0.39	7.28e-012	-168.14	0.00	-5.66
184	229	0.00	-0.42	0.00	128.24	0.00	-3.81
	470	0.00	0.42	0.00	-128.24	0.00	-18.74
185	469	0.00	-0.22	-7.28e-012	111.82	0.00	-4.94
	229	0.00	0.22	7.28e-012	-111.82	0.00	-6.79
186	468	1.46e-011	-0.27	0.00	106.11	0.00	-4.80
	469	-1.46e-011	0.27	0.00	-106.11	0.00	-9.67
187	228	7.28e-012	-0.26	1.46e-011	104.18	0.00	-5.56
	468	-7.28e-012	0.26	-1.46e-011	-104.18	-4.66e-010	-8.06
188	465	-30.88	-1.13e-002	0.56	93.15	-1.72	2.28
	466	30.88	1.13e-002	-0.56	-93.15	-28.16	-2.88
189	464	-24.38	2.01e-002	0.15	100.47	-1.72	2.53
	465	24.38	-2.01e-002	-0.15	-100.47	-6.52	-1.45
190	459	-17.94	1.37e-002	3.90e-002	102.51	-1.05	1.76
	464	17.94	-1.37e-002	-3.90e-002	-102.51	-1.03	-1.03
191	458	-11.53	1.53e-002	1.16e-002	103.03	-0.81	1.33
	459	11.53	-1.53e-002	-1.16e-002	-103.03	0.19	-0.52
192	457	-5.11	1.48e-002	1.01e-002	103.11	-1.18	0.80
	458	5.11	-1.48e-002	-1.01e-002	-103.11	0.64	-1.10e-002
193	456	1.31	1.54e-002	1.85e-002	103.08	-2.46	0.30

	457	-1.31	-1.54e-002	-1.85e-002	-103.08	1.47	0.52
194	463	-7.28e-012	-0.26	0.00	103.50	0.00	-5.99
	228	7.28e-012	0.26	0.00	-103.50	0.00	-7.93
195	462	7.28e-012	-0.26	-7.28e-012	103.18	0.00	-6.49
	463	-7.28e-012	0.26	7.28e-012	-103.18	0.00	-7.30
196	227	-7.28e-012	-0.26	0.00	102.75	0.00	-7.12
	462	7.28e-012	0.26	0.00	-102.75	0.00	-6.80
197	461	7.28e-012	-0.26	0.00	101.61	0.00	-7.24
	227	-7.28e-012	0.26	0.00	-101.61	2.33e-010	-6.37
198	460	1.46e-011	-0.27	7.28e-012	98.10	0.00	-8.88
	461	-1.46e-011	0.27	-7.28e-012	-98.10	0.00	-5.59
199	226	0.00	-0.21	0.00	87.37	0.00	-5.71
	460	0.00	0.21	0.00	-87.37	0.00	-5.59
200	453	7.73	1.35e-002	2.85e-002	103.19	-5.23	-0.23
	456	-7.73	-1.35e-002	-2.85e-002	-103.19	3.71	0.95
201	452	14.16	2.12e-002	8.70e-003	104.34	-9.78	-0.59
	453	-14.16	-2.12e-002	-8.70e-003	-104.34	9.32	1.72
202	451	20.70	-1.18e-002	-0.15	110.16	-14.04	-2.08
	452	-20.70	1.18e-002	0.15	-110.16	21.86	1.45
203	450	27.38	4.83e-002	-0.46	132.83	-18.22	-0.41
	451	-27.38	-4.83e-002	0.46	-132.83	42.52	2.99
204	449	34.50	0.12	1.87	193.97	-138.62	-0.84
	450	-34.50	-0.12	-1.87	-193.97	38.85	6.99
205	255	26.91	0.90	23.89	235.24	-1006.83	16.34
	449	-26.91	-0.90	-23.89	-235.24	-267.33	31.86
206	455	0.00	-0.39	7.28e-012	54.75	1.16e-010	-17.14
	226	0.00	0.39	-7.28e-012	-54.75	-1.16e-010	-3.63
207	454	0.00	-0.32	0.00	-39.14	0.00	-3.22
	455	0.00	0.32	0.00	39.14	0.00	-13.99
208	197	0.00	-7.28	7.28e-012	-352.57	-1.16e-010	-265.35
	454	0.00	7.28	-7.28e-012	352.57	1.16e-010	-122.78
209	254	-15.30	-1.62	-26.18	-222.86	217.28	-35.58
	255	15.30	1.62	26.18	222.86	1209.42	-52.57
210	253	-9.98	0.11	-2.76	-194.64	-67.73	2.67
	254	9.98	-0.11	2.76	194.64	217.96	3.14
211	252	-7.51	4.39e-002	0.16	-139.49	-53.61	1.97
	253	7.51	-4.39e-002	-0.16	139.49	44.90	0.43
212	251	-1.59	-3.46e-003	3.42e-002	-119.73	-24.92	-3.36e-002
	252	1.59	3.46e-003	-3.42e-002	119.73	23.06	-0.15
213	250	5.44	1.79e-002	-8.84e-002	-114.65	-8.49	0.21
	251	-5.44	-1.79e-002	8.84e-002	114.65	13.30	0.77
214	249	12.52	2.09e-002	-0.21	-111.88	4.09	-0.50
	250	-12.52	-2.09e-002	0.21	111.88	7.58	1.64
215	248	19.64	-7.88e-003	-0.63	-104.31	30.43	-1.91
	249	-19.64	7.88e-003	0.63	104.31	4.06	1.48
216	247	26.53	4.82e-002	-1.77	-78.58	104.67	-0.35
	248	-26.53	-4.82e-002	1.77	78.58	-8.20	2.98
217	246	31.79	8.48e-002	-2.64	-5.25	231.48	-1.11
	247	-31.79	-8.48e-002	2.64	5.25	-87.37	5.73
218	443	24.35	0.54	10.49	157.36	-44.54	14.89
	246	-24.35	-0.54	-10.49	-157.36	-527.41	14.50

219	448	0.00	-4.50	0.00	361.54	0.00	-54.96
	197	0.00	4.50	0.00	-361.54	-1.16e-010	-190.26
220	225	0.00	-0.28	7.28e-012	30.86	-1.16e-010	-12.93
	448	0.00	0.28	-7.28e-012	-30.86	-1.16e-010	-2.08
221	447	0.00	-0.42	3.64e-012	-66.44	-1.16e-010	-6.98
	225	0.00	0.42	-3.64e-012	66.44	0.00	-15.75
222	224	7.28e-012	-0.25	1.09e-011	-99.81	0.00	-7.89
	447	-7.28e-012	0.25	-1.09e-011	99.81	-1.16e-010	-5.55
223	446	0.00	-0.27	7.28e-012	-111.03	-1.16e-010	-7.35
	224	0.00	0.27	-7.28e-012	111.03	1.16e-010	-7.62
224	223	0.00	-0.28	0.00	-116.23	1.16e-010	-9.05
	446	0.00	0.28	0.00	116.23	2.33e-010	-5.95
225	445	7.28e-012	-0.24	7.28e-012	-122.91	0.00	-6.66
	223	-7.28e-012	0.24	-7.28e-012	122.91	0.00	-6.15
226	222	0.00	-0.39	-3.64e-012	-140.14	1.16e-010	-16.30
	445	0.00	0.39	3.64e-012	140.14	1.16e-010	-4.74
227	444	0.00	-0.35	0.00	-185.46	1.16e-010	-6.10
	222	0.00	0.35	0.00	185.46	1.16e-010	-12.97
228	193	0.00	-5.45	7.28e-012	-304.78	1.16e-010	-209.07
	444	0.00	5.45	-7.28e-012	304.78	1.16e-010	-87.79
289	383	0.00	-3.99	0.00	234.27	0.00	-71.51
	193	0.00	3.99	0.00	-234.27	-5.82e-011	-171.82
290	221	0.00	-0.19	0.00	106.53	5.82e-011	-9.64
	383	0.00	0.19	0.00	-106.53	1.16e-010	-1.96
291	442	10.11	0.14	-8.60	-213.17	495.33	1.08
	443	-10.11	-0.14	8.60	213.17	29.30	7.74
292	441	0.81	6.31e-002	2.63	-39.81	43.18	2.50
	442	-0.81	-6.31e-002	-2.63	39.81	-203.63	1.35
293	440	2.47	5.12e-002	1.61	23.24	-9.44	0.95
	441	-2.47	-5.12e-002	-1.61	-23.24	-88.85	2.17
294	439	6.11	-1.26e-002	0.53	42.56	-6.64	-0.83
	440	-6.11	1.26e-002	-0.53	-42.56	-25.79	6.36e-002
295	380	0.00	-0.19	-1.82e-012	67.30	1.16e-010	-3.10
	221	0.00	0.19	1.82e-012	-67.30	5.82e-011	-8.39
296	220	0.00	-8.20e-002	0.00	53.91	0.00	-3.98
	380	0.00	8.20e-002	0.00	-53.91	5.82e-011	-1.03
297	379	0.00	-0.11	0.00	50.08	5.82e-011	-3.83
	220	0.00	0.11	0.00	-50.08	0.00	-3.04
298	219	0.00	-0.11	0.00	48.95	0.00	-4.95
	379	0.00	0.11	0.00	-48.95	5.82e-011	-1.93
299	438	9.97	1.09e-002	0.14	47.36	-2.79	-0.37
	439	-9.97	-1.09e-002	-0.14	-47.36	-5.98	1.03
300	437	13.88	1.07e-002	3.96e-002	48.41	-1.64	-0.87
	438	-13.88	-1.07e-002	-3.96e-002	-48.41	-0.78	1.53
301	436	17.73	-1.29e-002	2.51e-002	48.63	-2.56	-1.81
	437	-17.73	1.29e-002	-2.51e-002	-48.63	1.03	1.02
302	435	21.40	5.60e-002	7.23e-002	48.90	-7.35	0.45
	436	-21.40	-5.60e-002	-7.23e-002	-48.90	2.94	2.96
303	376	0.00	-8.10e-002	1.82e-012	48.29	5.82e-011	-2.85
	219	0.00	8.10e-002	-1.82e-012	-48.29	0.00	-2.09
304	218	0.00	-0.19	-3.64e-012	46.86	5.82e-011	-10.44

	376	0.00	0.19	3.64e-012	-46.86	5.82e-011	-1.10
305	375	-7.28e-012	-0.20	1.82e-012	42.68	-5.82e-011	-4.04
	218	7.28e-012	0.20	-1.82e-012	-42.68	5.82e-011	-7.99
306	190	0.00	-4.30	-1.82e-012	27.15	5.82e-011	-184.45
	375	0.00	4.30	1.82e-012	-27.15	5.82e-011	-77.61
307	434	23.68	7.38e-002	0.40	49.52	-28.72	-0.25
	435	-23.68	-7.38e-002	-0.40	-49.52	4.29	4.75
308	413	14.86	0.19	1.73	42.99	-96.07	5.42
	434	-14.86	-0.19	-1.73	-42.99	-9.37	6.16
309	412	-7.41	0.20	4.94	63.61	153.61	5.47
	413	7.41	-0.20	-4.94	-63.61	-425.37	5.40
310	411	-14.69	8.59e-002	1.88	96.98	57.59	4.12
	412	14.69	-8.59e-002	-1.88	-96.98	-161.21	0.61
311	372	0.00	-5.17	0.00	79.53	5.82e-011	-82.42
	190	0.00	5.17	0.00	-79.53	-5.82e-011	-202.17
312	217	0.00	-0.27	1.82e-012	103.12	-1.16e-010	-11.87
	372	0.00	0.27	-1.82e-012	-103.12	-5.82e-011	-2.78
313	371	0.00	-0.31	0.00	112.30	0.00	-3.98
	217	0.00	0.31	0.00	-112.30	-5.82e-011	-13.05
314	216	-7.28e-012	-0.16	-1.82e-012	115.18	-5.82e-011	-5.13
	371	7.28e-012	0.16	1.82e-012	-115.18	-5.82e-011	-3.70
315	410	-11.70	4.40e-002	0.67	108.98	19.65	1.78
	411	11.70	-4.40e-002	-0.67	-108.98	-56.33	0.65
316	409	-6.84	-1.14e-002	0.25	113.52	5.58	0.34
	410	6.84	1.14e-002	-0.25	-113.52	-19.33	-0.97
317	408	-1.63	1.55e-002	0.12	115.07	-1.09	0.61
	409	1.63	-1.55e-002	-0.12	-115.07	-5.48	0.24
318	407	3.56	1.57e-002	0.11	115.28	-8.03	0.11
	408	-3.56	-1.57e-002	-0.11	-115.28	1.76	0.75
319	368	7.28e-012	-0.20	-9.09e-013	115.77	0.00	-4.81
	216	-7.28e-012	0.20	9.09e-013	-115.77	0.00	-6.10
320	215	-7.28e-012	-0.20	0.00	115.09	-5.82e-011	-6.19
	368	7.28e-012	0.20	0.00	-115.09	-5.82e-011	-4.66
321	367	7.28e-012	-0.16	0.00	112.12	-2.91e-011	-4.00
	215	-7.28e-012	0.16	0.00	-112.12	-4.37e-011	-4.87
322	214	0.00	-0.29	-4.55e-013	102.34	0.00	-12.29
	367	0.00	0.29	4.55e-013	-102.34	1.46e-011	-3.69
323	406	8.78	-1.01e-002	0.21	114.91	-22.17	-1.13
	407	-8.78	1.01e-002	-0.21	-114.91	10.63	0.58
324	405	13.90	4.20e-002	0.56	115.09	-59.96	0.54
	406	-13.90	-4.20e-002	-0.56	-115.09	29.03	1.77
325	404	17.67	7.03e-002	2.32	116.05	-192.65	-0.49
	405	-17.67	-7.03e-002	-2.32	-116.05	64.78	4.35
326	363	8.30	0.72	10.03	86.47	-634.80	22.80
	404	-8.30	-0.72	-10.03	-86.47	83.23	16.96
327	364	0.00	-0.28	-1.82e-012	72.89	0.00	-4.01
	214	0.00	0.28	1.82e-012	-72.89	-1.46e-011	-11.26
328	187	0.00	-4.82	-6.82e-013	-24.94	7.28e-012	-184.25
	364	0.00	4.82	6.82e-013	24.94	7.28e-012	-81.01
389	362	-2.87	0.15	-1.04	-7.64	86.25	1.49
	363	2.87	-0.15	1.04	7.64	-19.77	8.30

390	361	-13.46	4.29e-002	0.51	16.64	0.93	3.11
	362	13.46	-4.29e-002	-0.51	-16.64	-33.45	-0.36
391	302	-7.28e-012	-3.14	2.27e-013	98.10	3.64e-012	-58.15
	187	7.28e-012	3.14	-2.27e-013	-98.10	0.00	-143.00
392	213	0.00	-0.13	-2.84e-013	46.84	9.09e-012	-5.66
	302	0.00	0.13	2.84e-013	-46.84	7.28e-012	-2.54
393	301	0.00	-0.10	2.27e-013	37.04	1.46e-011	1.96e-002
	213	0.00	0.10	-2.27e-013	-37.04	1.46e-011	-6.68
394	212	-7.28e-012	-2.23e-002	0.00	34.04	-7.28e-012	-0.55
	301	7.28e-012	2.23e-002	0.00	-34.04	-1.46e-011	-0.88
395	360	-13.65	4.54e-002	0.30	28.72	-4.66	2.14
	361	13.65	-4.54e-002	-0.30	-28.72	-14.23	0.77
396	359	-11.95	-1.39e-002	9.33e-002	32.11	-2.18	0.51
	360	11.95	1.39e-002	-9.33e-002	-32.11	-3.79	-1.40
397	358	-10.17	5.19e-003	2.94e-002	32.81	-1.18	1.06
	359	10.17	-5.19e-003	-2.94e-002	-32.81	-0.70	-0.73
398	357	-8.31	4.91e-003	2.90e-002	32.79	-1.95	0.72
	358	8.31	-4.91e-003	-2.90e-002	-32.79	0.10	-0.41
399	298	-7.28e-012	-4.74e-002	9.09e-013	33.25	-1.46e-011	-0.40
	212	7.28e-012	4.74e-002	-9.09e-013	-33.25	0.00	-2.63
400	211	-7.28e-012	-4.76e-002	0.00	33.03	2.91e-011	-1.18
	298	7.28e-012	4.76e-002	0.00	-33.03	0.00	-1.87
401	297	-7.28e-012	-2.14e-002	9.09e-013	32.86	0.00	0.65
	211	7.28e-012	2.14e-002	-9.09e-013	-32.86	0.00	-2.02
402	210	0.00	-0.11	0.00	32.38	-2.91e-011	-5.44
	297	0.00	0.11	0.00	-32.38	0.00	-1.38
403	356	-6.53	-1.40e-002	8.02e-002	32.28	-5.89	9.23e-002
	357	6.53	1.40e-002	-8.02e-002	-32.28	0.76	-0.99
404	355	-4.85	5.01e-002	0.24	30.55	-18.71	2.40
	356	4.85	-5.01e-002	-0.24	-30.55	3.14	0.81
405	354	-4.46	6.19e-002	0.67	25.25	-56.32	1.83
	355	4.46	-6.19e-002	-0.67	-25.25	13.53	2.13
406	333	-14.78	0.20	1.46	12.15	-148.78	8.73
	354	14.78	-0.20	-1.46	-12.15	55.29	3.82
407	294	-7.28e-012	-0.14	-9.09e-013	30.30	0.00	-1.34
	210	7.28e-012	0.14	9.09e-013	-30.30	0.00	-7.48
408	181	-7.28e-012	-3.48	-9.09e-013	25.78	-2.91e-011	-154.50
	294	7.28e-012	3.48	9.09e-013	-25.78	-2.91e-011	-68.35
409	332	-33.53	0.10	-1.22	-7.35	-65.78	6.88
	333	33.53	-0.10	1.22	7.35	133.89	-1.25
410	331	-30.71	0.10	-0.61	-18.06	-20.31	5.49
	332	30.71	-0.10	0.61	18.06	54.24	-0.14
411	292	0.00	-4.95	0.00	-21.40	0.00	-82.74
	181	0.00	4.95	0.00	21.40	-5.82e-011	-194.29
412	209	0.00	-0.51	3.64e-012	-24.32	0.00	-17.05
	292	0.00	0.51	-3.64e-012	24.32	-5.82e-011	-11.62
413	291	0.00	-0.55	0.00	-26.02	-5.82e-011	-10.64
	209	0.00	0.55	0.00	26.02	-1.16e-010	-20.28
414	208	0.00	-0.43	-3.64e-012	-26.41	0.00	-12.55
	291	0.00	0.43	3.64e-012	26.41	0.00	-11.31
415	330	-19.32	6.36e-002	-0.25	-23.46	-5.93	3.06

	331	19.32	-6.36e-002	0.25	23.46	19.80	0.50
416	329	-6.75	9.29e-003	-9.47e-002	-25.51	-1.19	0.82
	330	6.75	-9.29e-003	9.47e-002	25.51	6.49	-0.30
417	328	6.08	3.27e-002	-4.15e-002	-26.22	1.12	0.52
	329	-6.08	-3.27e-002	4.15e-002	26.22	1.20	1.31
418	327	18.91	3.28e-002	-2.00e-002	-26.66	3.41	-0.66
	328	-18.91	-3.28e-002	2.00e-002	26.66	-2.29	2.50
419	288	0.00	-0.46	0.00	-26.22	0.00	-12.87
	208	0.00	0.46	0.00	26.22	0.00	-12.87
420	207	0.00	-0.46	0.00	-25.25	0.00	-14.84
	288	0.00	0.46	0.00	25.25	0.00	-10.89
421	287	0.00	-0.43	0.00	-21.96	-1.16e-010	-13.40
	207	0.00	0.43	0.00	21.96	-5.82e-011	-10.58
422	206	0.00	-0.57	0.00	-11.31	5.82e-011	-22.50
	287	0.00	0.57	0.00	11.31	1.16e-010	-9.16
423	326	31.74	9.11e-003	2.11e-002	-28.17	6.43	-2.35
	327	-31.74	-9.11e-003	-2.11e-002	28.17	-7.61	2.86
424	325	44.03	5.65e-002	6.46e-002	-34.54	13.25	-1.71
	326	-44.03	-5.65e-002	-6.46e-002	34.54	-16.86	4.87
425	324	53.40	8.27e-002	-0.92	-52.19	70.55	-2.16
	325	-53.40	-8.27e-002	0.92	52.19	-18.76	6.79
426	283	54.74	-0.13	-7.82	-46.75	346.72	-5.93
	324	-54.74	0.13	7.82	46.75	91.37	-1.47
427	284	0.00	-0.50	-3.64e-012	21.17	0.00	-13.18
	206	0.00	0.50	3.64e-012	-21.17	0.00	-15.06
428	176	0.00	-4.34	3.64e-012	149.57	0.00	-180.38
	284	0.00	4.34	-3.64e-012	-149.57	0.00	-62.81
444	282	54.84	0.67	8.02	62.09	-86.10	14.34
	283	-54.84	-0.67	-8.02	-62.09	-347.12	21.64
445	281	65.78	0.12	1.22	63.91	8.13	-1.08
	282	-65.78	-0.12	-1.22	-63.91	-73.81	7.54
446	280	88.86	0.14	0.82	26.92	-22.75	-3.19
	281	-88.86	-0.14	-0.82	-26.92	-21.78	10.90
447	279	116.19	-2.74e-002	0.55	-31.45	-48.82	-9.81
	280	-116.19	2.74e-002	-0.55	31.45	19.33	8.34
448	278	184.50	-2.17	-10.01	-100.99	223.02	-90.46
	279	-184.50	2.17	10.01	100.99	317.35	-26.63
449	205	-7.28e-012	-6.23	-3.64e-012	-131.14	1.16e-010	-114.06
	176	7.28e-012	6.23	3.64e-012	131.14	0.00	-222.59
450	204	7.28e-012	-0.99	-7.28e-012	2.17	0.00	-38.85
	205	-7.28e-012	0.99	7.28e-012	-2.17	0.00	-14.73
451	203	0.00	-1.06	0.00	53.99	0.00	-32.54
	204	0.00	1.06	0.00	-53.99	0.00	-24.75
452	202	-7.28e-012	-0.62	1.09e-011	117.18	0.00	-24.85
	203	7.28e-012	0.62	-1.09e-011	-117.18	0.00	-8.40
453	175	2.18e-011	-0.49	0.00	300.27	2.33e-010	-32.22
	202	-2.18e-011	0.49	0.00	-300.27	1.16e-010	5.74
454	101	1305.25	132.33	-1545.23	-9484.88	265738.55	25195.45
	201	-1305.25	-132.33	1545.23	9484.88	290545.90	22444.11
455	100	-404.88	-115.06	-1894.42	-9484.88	333049.76	-18366.09
	200	404.88	115.06	1894.42	9484.88	348940.64	-23055.98

456	99	-712.13	-482.62	-1397.82	-9484.88	229086.46	-84944.29
	199	712.13	482.62	1397.82	9484.88	274128.33	-88798.61
457	98	-1272.56	-1021.21	-3334.56	-30351.60	253991.06	-178923.40
	198	1272.56	1021.21	3334.56	30351.60	946450.25	-188712.19
458	97	-747.55	-141.55	-1453.02	-9484.88	245958.37	-24470.61
	197	747.55	141.55	1453.02	9484.88	277130.62	-26488.32
459	96	874.92	139.25	-1390.41	-9484.88	224711.43	25952.91
	196	-874.92	-139.25	1390.41	9484.88	275834.62	24176.59
460	95	1076.53	444.76	-1155.45	-9484.88	176793.05	80007.79
	195	-1076.53	-444.76	1155.45	9484.88	239170.07	80106.27
461	85	278.03	474.21	-113.10	-9484.88	-24447.16	84747.26
	185	-278.03	-474.21	113.10	9484.88	65163.65	85968.56
462	92	56.82	118.36	-92.40	-9484.88	-30407.69	21978.85
	192	-56.82	-118.36	92.40	9484.88	63671.88	20630.76
463	93	-143.07	-133.81	-85.42	-9484.88	-29250.69	-22567.02
	193	143.07	133.81	85.42	9484.88	60002.04	-25604.23
464	94	-248.26	-629.94	-15.00	-9484.88	-40336.22	-111980.52
	194	248.26	629.94	15.00	9484.88	45737.63	-114798.16
465	91	70.35	-602.91	193.18	-9484.88	-78380.57	-108695.00
	191	-70.35	602.91	-193.18	9484.88	8836.03	-108352.65
466	90	14.49	-145.25	263.16	-9484.88	-98824.39	-25807.28
	190	-14.49	145.25	-263.16	9484.88	4088.26	-26482.10
467	89	-18.61	120.48	263.41	-9484.88	-98882.68	23039.54
	189	18.61	-120.48	-263.41	9484.88	4054.40	20332.54
468	84	-76.46	478.17	179.23	-9484.88	-77057.86	87871.04
	184	76.46	-478.17	-179.23	9484.88	12535.35	84271.07
469	83	360.15	322.91	-99.24	-9484.88	3195.88	51894.74
	183	-360.15	-322.91	99.24	9484.88	32531.09	64353.89
470	86	142.00	97.11	-166.07	-9484.88	15314.09	17230.63
	186	-142.00	-97.11	166.07	9484.88	44472.44	17729.42
471	87	-251.51	-116.39	-188.43	-9484.88	18574.71	-18546.69
	187	251.51	116.39	188.43	9484.88	49261.29	-23354.60
472	88	-150.32	-506.83	-133.87	-9484.88	12475.03	-83998.80
	188	150.32	506.83	133.87	9484.88	35718.37	-98461.47
473	80	-40.44	109.05	59.88	-9484.88	-12406.67	20021.77
	180	40.44	-109.05	-59.88	9484.88	-9149.66	19236.14
474	81	94.70	-121.76	36.31	-9484.88	-9468.08	-19612.31
	181	-94.70	121.76	-36.31	9484.88	-3602.54	-24222.98
475	82	75.09	-520.07	40.32	-9484.88	-6765.51	-87323.35
	182	-75.09	520.07	-40.32	9484.88	-7749.30	-99902.57
476	73	-233.59	79.85	514.14	-9484.88	-85954.49	14388.97
	173	233.59	-79.85	-514.14	9484.88	-99136.13	14357.74
477	76	339.37	-133.62	448.68	-9484.88	-73941.86	-22904.53
	176	-339.37	133.62	-448.68	9484.88	-87581.82	-25200.17
478	72	128.10	88.95	578.85	-9484.88	-95289.22	15981.13
	172	-128.10	-88.95	-578.85	9484.88	-113097.99	16039.89
479	79	267.17	-555.75	243.87	-9484.88	-31431.51	-95718.68
	179	-267.17	555.75	-243.87	9484.88	-56361.99	-104350.59
480	75	291.13	-147.90	181.70	-9484.88	-2253.41	-25931.38
	175	-291.13	147.90	-181.70	9484.88	-63159.82	-27312.92
481	78	103.22	-594.01	55.00	-9484.88	23011.29	-104376.53

	178	-103.22	594.01	-55.00	9484.88	-42811.98	-109467.79
482	70	-304.05	32.76	509.05	-9484.88	-82792.15	-3889.67
	170	304.05	-32.76	-509.05	9484.88	-100464.77	15682.84
483	69	-95.08	54.93	736.03	-9484.88	-131147.19	2477.83
	169	95.08	-54.93	-736.03	9484.88	-133824.27	17295.65
484	66	367.83	544.26	687.02	-9484.88	-118982.23	87823.91
	166	-367.83	-544.26	-687.02	9484.88	-128344.35	108110.13
485	67	-568.79	345.76	494.08	-9484.88	-79272.08	45148.66
	167	568.79	-345.76	-494.08	9484.88	-98595.98	79323.92
486	64	-137.13	-56.36	512.70	-9484.88	-83655.04	-50604.70
	164	137.13	56.36	-512.70	9484.88	-100916.26	30316.81
487	63	38.38	34.97	721.17	-9484.88	-128633.19	-27017.70
	163	-38.38	-34.97	-721.17	9484.88	-130986.55	39608.47
488	61	-1510.15	719.57	284.21	-9484.88	-36502.40	106276.35
	161	1510.15	-719.57	-284.21	9484.88	-65813.07	152769.67
489	60	400.91	1147.31	480.89	-9484.88	-73828.80	198068.14
	160	-400.91	-1147.31	-480.89	9484.88	-99289.99	214963.04
490	59	82.20	643.58	567.86	-9484.88	-75388.83	85090.15
	159	-82.20	-643.58	-567.86	9484.88	-129041.04	146599.77
491	62	58.44	-23.62	903.45	-9484.88	-149594.60	-50166.16
	162	-58.44	23.62	-903.45	9484.88	-175649.11	41663.30
492	65	365.24	302.32	866.22	-9484.88	-140676.25	33722.70
	165	-365.24	-302.32	-866.22	9484.88	-171164.43	75113.92
493	68	-166.42	44.98	906.72	-9484.88	-149397.15	-3261.09
	168	166.42	-44.98	-906.72	9484.88	-177023.30	19454.92
494	71	95.55	105.21	963.76	-9484.88	-162419.50	19089.55
	171	-95.55	-105.21	-963.76	9484.88	-184534.53	18787.71
495	74	204.51	-99.54	892.95	-9484.88	-146316.46	-13976.02
	174	-204.51	99.54	-892.95	9484.88	-175146.09	-21857.13
496	77	-9.33	-432.89	480.62	-9484.88	-55109.02	-68528.40
	177	9.33	432.89	-480.62	9484.88	-117914.70	-87311.81
497	166	0.00	413.53	0.00	8480.51	0.00	48872.05
	167	0.00	-413.53	0.00	-8480.51	0.00	62782.34
498	165	0.00	301.41	0.00	1244.58	-1.16e-010	61359.44
	166	0.00	-301.41	0.00	-1244.58	-1.16e-010	53177.66
499	163	5.82e-011	280.74	2.27e-013	-4710.01	0.00	58324.43
	160	-5.82e-011	-280.74	-2.27e-013	4710.01	0.00	62393.36
500	166	-5.82e-011	272.36	-2.27e-013	9881.70	0.00	52170.29
	163	5.82e-011	-272.36	2.27e-013	-9881.70	2.91e-011	54050.98
501	169	0.00	253.40	0.00	-1703.34	0.00	54670.06
	166	0.00	-253.40	0.00	1703.34	1.46e-011	54291.22
502	172	5.82e-011	411.76	-1.14e-013	5281.78	-2.91e-011	63664.52
	169	-5.82e-011	-411.76	1.14e-013	-5281.78	-2.18e-011	59863.33
503	160	0.00	644.46	-1.82e-012	3711.16	1.16e-010	79219.54
	161	0.00	-644.46	1.82e-012	-3711.16	2.33e-010	94785.96
504	159	-5.82e-011	418.23	0.00	1687.49	2.33e-010	83664.75
	160	5.82e-011	-418.23	0.00	-1687.49	1.16e-010	75261.70
505	162	0.00	427.54	0.00	364.79	0.00	86220.49
	159	0.00	-427.54	0.00	-364.79	0.00	97621.20
506	165	-5.82e-011	390.47	-4.55e-013	11458.78	1.16e-010	76221.35
	162	5.82e-011	-390.47	4.55e-013	-11458.78	1.16e-010	76063.61

507	168	1.16e-010	371.10	2.27e-013	834.02	0.00	78907.29
	165	-1.16e-010	-371.10	-2.27e-013	-834.02	0.00	80666.13
508	171	0.00	574.22	2.27e-013	8444.39	-8.73e-011	85225.47
	168	0.00	-574.22	-2.27e-013	-8444.39	-5.82e-011	87041.16
509	174	0.00	614.82	1.14e-013	1734.18	3.64e-011	93424.14
	171	0.00	-614.82	-1.14e-013	-1734.18	4.37e-011	91020.97
510	177	-5.82e-011	310.34	2.27e-013	2599.22	-1.46e-011	85018.11
	174	5.82e-011	-310.34	-2.27e-013	-2599.22	0.00	73254.63
511	164	0.00	226.06	9.09e-013	-3732.31	0.00	30392.68
	161	0.00	-226.06	-9.09e-013	3732.31	0.00	66813.81
512	167	0.00	363.20	-4.55e-013	26584.51	1.16e-010	71122.79
	164	0.00	-363.20	4.55e-013	-26584.51	1.16e-010	70523.58
513	170	0.00	167.92	2.27e-013	128.82	-5.82e-011	35876.33
	167	0.00	-167.92	-2.27e-013	-128.82	-5.82e-011	36328.82
514	173	1.16e-010	471.97	4.55e-013	15811.66	-5.82e-011	77002.24
	170	-1.16e-010	-471.97	-4.55e-013	-15811.66	-5.82e-011	64588.44
515	176	5.82e-011	140.98	-1.71e-013	2211.25	-2.55e-011	23439.99
	173	-5.82e-011	-140.98	1.71e-013	-2211.25	-4.37e-011	18852.86
516	179	0.00	102.49	-5.68e-014	747.27	0.00	28616.80
	176	0.00	-102.49	5.68e-014	-747.27	-2.91e-011	23653.84
517	186	-5.46e-012	-83.49	1.14e-013	1895.97	0.00	-14877.44
	183	5.46e-012	83.49	-1.14e-013	-1895.97	2.91e-011	-18520.64
518	187	-1.09e-011	-123.82	5.68e-014	1439.09	7.28e-012	-17284.74
	186	1.09e-011	123.82	-5.68e-014	-1439.09	0.00	-19862.38
519	188	1.82e-012	-55.56	-1.14e-013	837.24	-4.37e-011	-16673.32
	187	-1.82e-012	55.56	1.14e-013	-837.24	-2.91e-011	-11662.48
520	196	0.00	-681.04	1.14e-013	2914.31	-2.91e-011	-127366.23
	195	0.00	681.04	-1.14e-013	-2914.31	-2.91e-011	-143355.88
521	197	5.82e-011	-560.14	1.14e-013	611.28	-7.28e-012	-87681.20
	196	-5.82e-011	560.14	-1.14e-013	-611.28	0.00	-80361.49
522	198	0.00	-414.65	-1.14e-013	2056.06	0.00	-114200.24
	197	0.00	414.65	1.14e-013	-2056.06	0.00	-88986.82
523	200	0.00	-1266.86	3.98e-013	1234.36	-4.73e-011	-177990.56
	201	0.00	1266.86	-3.98e-013	-1234.36	-5.82e-011	-198912.26
524	199	-1.16e-010	-666.03	-2.27e-013	2246.95	2.91e-011	-161955.55
	200	1.16e-010	666.03	2.27e-013	-2246.95	2.91e-011	-149419.38
525	185	0.00	242.11	0.00	-12285.57	0.00	62077.63
	195	0.00	-242.11	0.00	12285.57	1.16e-010	70479.22
526	184	2.91e-011	95.48	0.00	13115.18	0.00	32546.32
	185	-2.91e-011	-95.48	0.00	-13115.18	-1.16e-010	25697.30
527	183	-1.46e-011	165.01	-2.84e-013	15622.15	8.73e-011	48251.81
	184	1.46e-011	-165.01	2.84e-013	-15622.15	7.28e-011	42503.87
528	196	0.00	61.27	1.14e-013	26812.00	-5.82e-011	23471.10
	201	0.00	-61.27	-1.14e-013	-26812.00	-5.82e-011	25699.12
529	192	0.00	47.45	0.00	-18320.07	-1.16e-010	14840.16
	196	0.00	-47.45	0.00	18320.07	-1.16e-010	11021.24
530	189	0.00	24.26	0.00	13449.72	1.16e-010	8267.09
	192	0.00	-24.26	0.00	-13449.72	5.82e-011	6532.68
531	186	0.00	42.88	-1.14e-013	17504.12	0.00	11515.94
	189	0.00	-42.88	1.14e-013	-17504.12	-4.37e-011	12065.46
532	180	1.82e-012	17.53	0.00	8133.90	0.00	5465.41

	186	-1.82e-012	-17.53	0.00	-8133.90	0.00	5756.93
533	173	0.00	57.98	2.27e-013	-1015.76	0.00	18697.31
	180	0.00	-57.98	-2.27e-013	1015.76	0.00	13770.72
534	172	0.00	-40.08	1.82e-012	15632.62	4.66e-010	-7582.63
	173	0.00	40.08	-1.82e-012	-15632.62	2.33e-010	-3238.45
535	171	0.00	162.57	0.00	-2410.35	0.00	28789.45
	172	0.00	-162.57	0.00	2410.35	0.00	32986.03
536	174	0.00	-121.57	9.09e-013	-4529.85	-2.33e-010	-22447.03
	175	0.00	121.57	-9.09e-013	4529.85	-4.66e-010	-23748.65
537	198	0.00	-197.06	1.14e-013	6090.01	-5.82e-011	-77167.50
	199	0.00	197.06	-1.14e-013	-6090.01	-5.82e-011	-80047.98
538	194	0.00	-340.78	0.00	4846.35	-1.16e-010	-84170.16
	198	0.00	340.78	0.00	-4846.35	-5.82e-011	-103351.10
539	191	0.00	-141.53	2.27e-013	16923.62	5.82e-011	-48311.78
	194	0.00	141.53	-2.27e-013	-16923.62	5.82e-011	-38022.79
540	188	0.00	-201.86	-2.84e-013	16450.59	5.82e-011	-53051.47
	191	0.00	201.86	2.84e-013	-16450.59	2.91e-011	-57971.86
541	182	0.00	-146.33	-2.84e-014	10667.98	7.28e-012	-47008.66
	188	0.00	146.33	2.84e-014	-10667.98	1.46e-011	-46639.72
542	179	-2.91e-011	-199.02	-4.55e-013	7414.92	0.00	-55321.71
	182	2.91e-011	199.02	4.55e-013	-7414.92	0.00	-56129.45
543	178	0.00	-361.87	0.00	12008.83	0.00	-46715.30
	179	0.00	361.87	0.00	-12008.83	0.00	-50988.25
544	177	-5.82e-011	-394.21	9.09e-013	-1204.02	-2.33e-010	-82836.60
	178	5.82e-011	394.21	-9.09e-013	1204.02	-2.33e-010	-66963.27
545	66	0.00	1433.71	0.00	-38.11	-5.82e-011	174770.71
	67	0.00	-1433.71	0.00	38.11	-5.82e-011	212330.45
546	65	-1.46e-011	873.12	0.00	7191.47	0.00	183604.91
	66	1.46e-011	-873.12	0.00	-7191.47	0.00	148180.18
547	63	5.82e-011	1151.33	0.00	-49152.94	1.16e-010	210203.02
	60	-5.82e-011	-1151.33	0.00	49152.94	1.75e-010	284870.88
548	66	-5.82e-011	891.51	4.55e-013	64003.84	0.00	182594.54
	63	5.82e-011	-891.51	-4.55e-013	-64003.84	0.00	165092.64
549	69	0.00	790.67	0.00	-544.04	0.00	160986.65
	66	0.00	-790.67	0.00	544.04	0.00	179002.93
550	72	0.00	1689.10	-2.27e-013	29688.27	2.91e-011	288386.28
	69	0.00	-1689.10	2.27e-013	-29688.27	2.91e-011	218345.03
551	60	0.00	3008.97	-9.09e-013	2351.22	0.00	352469.14
	61	0.00	-3008.97	9.09e-013	-2351.22	2.33e-010	459951.52
552	59	5.82e-011	1894.92	-4.55e-013	19775.07	0.00	409516.79
	60	-5.82e-011	-1894.92	4.55e-013	-19775.07	0.00	310552.68
553	62	-5.82e-011	1306.15	-4.55e-013	-15985.57	1.75e-010	252558.11
	59	5.82e-011	-1306.15	4.55e-013	15985.57	1.75e-010	309085.88
554	65	0.00	1148.60	0.00	41447.93	0.00	228051.88
	62	0.00	-1148.60	0.00	-41447.93	0.00	219900.74
555	68	0.00	1004.66	0.00	10904.87	0.00	212783.07
	65	0.00	-1004.66	0.00	-10904.87	2.91e-011	219221.82
556	71	0.00	1672.94	1.14e-013	26235.89	0.00	243574.69
	68	0.00	-1672.94	-1.14e-013	-26235.89	-2.91e-011	258307.06
557	74	0.00	1733.92	2.27e-013	7592.52	4.18e-011	269157.89
	71	0.00	-1733.92	-2.27e-013	-7592.52	4.37e-011	251017.41

558	77	-8.73e-011	1033.90	1.14e-013	7556.19	-1.46e-011	292946.97
	74	8.73e-011	-1033.90	-1.14e-013	-7556.19	-2.91e-011	234341.51
559	64	0.00	617.36	2.27e-013	-20722.21	5.82e-011	116244.03
	61	0.00	-617.36	-2.27e-013	20722.21	5.82e-011	149219.98
560	67	0.00	616.55	0.00	43153.39	0.00	122194.97
	64	0.00	-616.55	0.00	-43153.39	-5.82e-011	118257.83
561	70	0.00	474.74	1.14e-013	7949.14	-2.91e-011	100637.25
	67	0.00	-474.74	-1.14e-013	-7949.14	-5.82e-011	103502.28
562	73	0.00	860.90	2.27e-013	24287.87	0.00	126133.45
	70	0.00	-860.90	-2.27e-013	-24287.87	-2.91e-011	132135.22
563	76	0.00	878.02	1.14e-013	5121.09	-1.27e-011	136719.97
	73	0.00	-878.02	-1.14e-013	-5121.09	0.00	126686.55
564	79	1.46e-011	674.79	-1.42e-014	1066.68	0.00	189400.23
	76	-1.46e-011	-674.79	1.42e-014	-1066.68	0.00	154744.53
565	86	-5.00e-012	-906.04	0.00	9823.67	2.91e-011	-177495.90
	83	5.00e-012	906.04	0.00	-9823.67	0.00	-184922.42
566	87	1.82e-012	-105.80	-8.53e-014	825.97	1.82e-012	-15822.95
	86	-1.82e-012	105.80	8.53e-014	-825.97	7.28e-012	-15915.92
567	88	-9.09e-013	-715.65	1.42e-014	1503.42	-1.82e-012	-182165.37
	87	9.09e-013	715.65	-1.42e-014	-1503.42	0.00	-182817.11
568	96	0.00	-2140.88	0.00	4049.22	0.00	-407572.89
	95	0.00	2140.88	0.00	-4049.22	-2.91e-011	-443447.32
569	97	0.00	-2198.98	-7.11e-014	568.97	0.00	-317673.31
	96	0.00	2198.98	7.11e-014	-568.97	3.64e-012	-342021.10
570	98	-2.91e-011	-2420.34	0.00	1263.77	0.00	-681281.08
	97	2.91e-011	2420.34	0.00	-1263.77	3.64e-012	-504746.62
571	100	0.00	-3388.44	8.53e-014	3450.91	-1.82e-011	-473100.11
	101	0.00	3388.44	-8.53e-014	-3450.91	-1.46e-011	-534996.40
572	99	0.00	-1861.76	-5.68e-014	3088.11	1.46e-011	-469359.21
	100	0.00	1861.76	5.68e-014	-3088.11	1.46e-011	-401025.64
573	85	-1.46e-011	252.16	2.27e-013	-32249.56	5.82e-011	66805.74
	95	1.46e-011	-252.16	-2.27e-013	32249.56	-5.82e-011	71250.56
574	84	-1.46e-011	55.02	0.00	13126.76	2.91e-011	12581.33
	85	1.46e-011	-55.02	0.00	-13126.76	0.00	20981.54
575	83	0.00	345.49	0.00	59646.44	4.37e-011	125570.94
	84	0.00	-345.49	0.00	-59646.44	5.82e-011	64450.31
576	96	0.00	20.92	1.14e-013	13652.45	-5.82e-011	8550.28
	101	0.00	-20.92	-1.14e-013	-13652.45	-2.91e-011	8237.09
577	92	-1.82e-012	-25.94	-2.27e-013	-49954.11	5.82e-011	-4401.15
	96	1.82e-012	25.94	2.27e-013	49954.11	0.00	-9736.04
578	89	0.00	-37.75	0.00	7621.91	-2.91e-011	-12797.07
	92	0.00	37.75	0.00	-7621.91	-2.91e-011	-10233.41
579	86	-1.82e-012	5.16	5.68e-014	71342.49	0.00	6768.25
	89	1.82e-012	-5.16	-5.68e-014	-71342.49	7.28e-012	-3927.99
580	80	0.00	11.52	-2.84e-014	24376.88	0.00	1603.66
	86	0.00	-11.52	2.84e-014	-24376.88	-1.46e-011	5767.26
581	73	-1.82e-012	40.22	1.14e-013	10765.76	-2.91e-011	15023.40
	80	1.82e-012	-40.22	-1.14e-013	-10765.76	-5.82e-011	7497.62
582	72	0.00	10.20	-1.82e-012	22510.76	2.33e-010	-473.94
	73	0.00	-10.20	1.82e-012	-22510.76	0.00	3227.21
583	71	0.00	151.92	0.00	2137.87	0.00	25850.40

	72	0.00	-151.92	0.00	-2137.87	0.00	31877.88
584	97	0.00	-112.35	-2.27e-013	7486.51	2.91e-011	-41351.37
	100	0.00	112.35	2.27e-013	-7486.51	5.82e-011	-48527.96
585	93	7.28e-012	-175.12	0.00	-58695.29	-5.82e-011	-49470.44
	97	-7.28e-012	175.12	0.00	58695.29	-5.82e-011	-45969.16
586	90	0.00	-120.92	1.14e-013	6336.71	2.91e-011	-33893.65
	93	0.00	120.92	-1.14e-013	-6336.71	0.00	-39869.05
587	87	-7.28e-012	-184.97	1.71e-013	71774.30	2.91e-011	-57625.06
	90	7.28e-012	184.97	-1.71e-013	-71774.30	1.46e-011	-44110.56
588	81	-3.64e-012	-177.82	-2.84e-014	24085.18	-1.46e-011	-56251.08
	87	3.64e-012	177.82	2.84e-014	-24085.18	0.00	-57550.78
589	76	0.00	-203.29	0.00	13723.05	0.00	-53661.42
	81	0.00	203.29	0.00	-13723.05	0.00	-60178.35
590	75	0.00	-451.94	0.00	84718.28	-2.33e-010	-56222.38
	76	0.00	451.94	0.00	-84718.28	-2.33e-010	-65802.70
591	74	1.46e-011	-467.70	0.00	-38408.85	-1.16e-010	-104712.84
	75	-1.46e-011	467.70	0.00	38408.85	0.00	-73014.16
592	98	1.46e-011	-307.69	-2.27e-013	-14771.74	0.00	-123973.98
	99	-1.46e-011	307.69	2.27e-013	14771.74	0.00	-121508.83
593	94	0.00	-576.13	2.27e-013	5150.68	0.00	-145260.77
	98	0.00	576.13	-2.27e-013	-5150.68	-5.82e-011	-171773.42
594	91	0.00	-174.59	-1.14e-013	16171.75	0.00	-53397.07
	94	0.00	174.59	1.14e-013	-16171.75	-2.91e-011	-53102.84
595	88	0.00	-474.45	-8.53e-014	63181.78	2.91e-011	-153471.52
	91	0.00	474.45	8.53e-014	-63181.78	7.28e-012	-107477.67
596	82	0.00	-514.55	-2.84e-014	25861.04	-1.46e-011	-162000.16
	88	0.00	514.55	2.84e-014	-25861.04	0.00	-167309.14
597	79	1.46e-011	-572.23	0.00	24577.43	-5.82e-011	-153021.57
	82	-1.46e-011	572.23	0.00	-24577.43	0.00	-167429.06
598	78	5.82e-011	-1313.66	0.00	72795.25	0.00	-162556.55
	79	-5.82e-011	1313.66	0.00	-72795.25	0.00	-192130.36
599	77	2.91e-011	-1280.65	0.00	-4391.16	1.16e-010	-286019.83
	78	-2.91e-011	1280.65	0.00	4391.16	0.00	-200627.34
648	122	0.00	-27.05	2.27e-013	1484.20	1.46e-011	-1027.28
	47	0.00	27.05	-2.27e-013	-1484.20	0.00	-2404.13
649	121	0.00	-3.74	4.55e-013	1149.15	1.46e-011	-370.68
	122	0.00	3.74	-4.55e-013	-1149.15	0.00	-103.29
650	120	0.00	-3.78	-4.55e-013	909.41	1.16e-010	-123.85
	121	0.00	3.78	4.55e-013	-909.41	2.91e-011	-355.75
651	48	1.46e-011	-27.78	0.00	-867.75	0.00	-2627.58
	120	-1.46e-011	27.78	0.00	867.75	-5.82e-011	-897.42
652	119	0.00	-74.09	9.09e-013	823.43	5.82e-011	-1402.10
	46	0.00	74.09	-9.09e-013	-823.43	2.91e-011	-4154.44
653	118	2.91e-011	-17.89	0.00	1042.07	0.00	-1059.75
	119	-2.91e-011	17.89	0.00	-1042.07	-2.91e-011	-281.63
654	117	-2.91e-011	-18.41	-4.55e-013	1008.05	-1.46e-011	-324.47
	118	2.91e-011	18.41	4.55e-013	-1008.05	-3.64e-011	-1056.00
655	47	0.00	-68.95	-4.90e-013	638.73	2.55e-011	-3810.15
	117	0.00	68.95	4.90e-013	-638.73	2.91e-011	-1361.07
656	116	1.46e-011	-46.04	0.00	-603.92	5.82e-011	-1012.68
	41	-1.46e-011	46.04	0.00	603.92	0.00	-3562.29

657	115	0.00	-7.82	9.09e-013	833.62	0.00	-639.57
	116	0.00	7.82	-9.09e-013	-833.62	5.82e-011	-137.58
658	114	0.00	-7.66	0.00	1146.50	5.82e-011	-101.19
	115	0.00	7.66	0.00	-1146.50	1.16e-010	-659.62
659	46	-1.46e-011	-44.04	0.00	1444.30	5.82e-011	-3207.57
	114	1.46e-011	44.04	0.00	-1444.30	0.00	-1168.96
660	113	-2313.49	-727.14	827.10	-13808.12	-2290.93	40685.95
	48	2313.49	727.14	-827.10	13808.12	-76283.25	-109764.11
661	112	-1089.88	-390.46	42.43	-30614.51	-7399.65	-14739.56
	113	1089.88	390.46	-42.43	30614.51	3368.94	-22354.48
662	111	-1060.25	-467.49	7.15	-26526.88	2741.40	-73479.55
	112	1060.25	467.49	-7.15	26526.88	-3420.54	29068.16
663	5	-1679.71	-1133.78	-172.60	770.40	8681.88	-205157.97
	111	1679.71	1133.78	172.60	-770.40	7715.53	97448.55
664	110	316.73	-269.43	989.86	-29352.81	-3987.18	6398.38
	47	-316.73	269.43	-989.86	29352.81	-90049.51	-31994.28
665	109	-47.73	-97.58	-17.92	-28762.39	-5301.02	-8488.02
	110	47.73	97.58	17.92	28762.39	7003.84	-782.29
666	108	-211.75	-159.79	3.57	-27092.02	1874.78	-30064.06
	109	211.75	159.79	-3.57	27092.02	-2213.59	14883.70
667	4	-430.19	-666.66	-242.41	-21756.82	14185.65	-101218.52
	108	430.19	666.66	242.41	21756.82	8843.27	37886.18
668	107	-222.35	174.18	1173.73	-30625.52	-8556.78	-6344.06
	46	222.35	-174.18	-1173.73	30625.52	-102947.87	22890.87
669	106	8.77	45.64	-29.61	-29683.34	-4102.22	-785.03
	107	-8.77	-45.64	29.61	29683.34	6914.94	5120.62
670	105	143.29	64.95	-1.86	-26198.09	2308.50	7510.50
	106	-143.29	-64.95	1.86	26198.09	-2131.41	-1340.45
671	3	351.13	277.61	-227.19	-20457.09	13169.47	36282.00
	105	-351.13	-277.61	227.19	20457.09	8413.78	-9908.91
672	104	2060.24	599.51	1014.60	-13727.11	-7294.73	-26134.30
	41	-2060.24	-599.51	-1014.60	13727.11	-89092.51	83087.94
673	103	1001.92	271.40	14.77	-27129.35	-5598.57	7055.59
	104	-1001.92	-271.40	-14.77	27129.35	4195.83	18727.15
674	102	976.70	318.05	1.87	-24971.95	2766.95	45807.56
	103	-976.70	-318.05	-1.87	24971.95	-2944.14	-15593.00
675	1	1601.08	875.98	-145.34	-4350.70	7428.57	138364.12
	102	-1601.08	-875.98	145.34	4350.70	6378.48	-55146.28
676	54	0.00	-30.43	1.42e-014	3344.18	-1.46e-011	-11012.38
	57	0.00	30.43	-1.42e-014	-3344.18	-7.28e-012	-13334.54
677	50	2.73e-012	-287.26	1.07e-014	-37531.19	1.82e-012	-63491.58
	54	-2.73e-012	287.26	-1.07e-014	37531.19	7.28e-012	-93067.04
678	47	1.82e-012	-299.68	5.68e-014	55909.63	0.00	-112467.02
	50	-1.82e-012	299.68	-5.68e-014	-55909.63	0.00	-70336.48
679	53	0.00	2.50	-7.11e-015	5742.11	-3.64e-012	2480.13
	58	0.00	-2.50	7.11e-015	-5742.11	-3.64e-012	-470.15
680	49	-3.64e-012	-19.50	-1.07e-014	-35271.09	-9.09e-012	-6847.41
	53	3.64e-012	19.50	1.07e-014	35271.09	-3.64e-012	-3779.59
681	46	0.00	8.73	-5.68e-014	55229.05	0.00	8530.26
	49	0.00	-8.73	5.68e-014	-55229.05	0.00	-3204.18
682	42	0.00	300.13	2.49e-014	-18079.92	7.28e-012	67748.63

	52	0.00	-300.13	-2.49e-014	18079.92	-3.64e-012	96571.80
683	41	0.00	354.10	0.00	48471.81	-1.46e-011	139481.93
	42	0.00	-354.10	0.00	-48471.81	0.00	76522.01
684	53	0.00	-2270.30	0.00	8857.28	2.91e-011	-426993.46
	52	0.00	2270.30	0.00	-8857.28	-1.46e-011	-475475.89
685	54	0.00	-3146.21	0.00	11498.79	-2.91e-011	-465757.47
	53	0.00	3146.21	0.00	-11498.79	-1.82e-011	-478104.48
686	55	-7.28e-012	-2376.30	0.00	6422.01	7.28e-012	-680382.29
	54	7.28e-012	2376.30	0.00	-6422.01	1.46e-011	-484064.70
687	57	0.00	-4598.45	2.84e-013	19219.51	0.00	-663360.56
	58	0.00	4598.45	-2.84e-013	-19219.51	0.00	-704726.30
688	56	2.91e-011	-2492.94	-1.99e-013	10671.09	1.46e-011	-616403.15
	57	-2.91e-011	2492.94	1.99e-013	-10671.09	0.00	-549064.90
689	55	-7.28e-012	-272.70	7.11e-015	-5993.88	3.64e-012	-99977.56
	56	7.28e-012	272.70	-7.11e-015	5993.88	7.28e-012	-117584.96
690	51	-7.28e-012	-649.90	7.11e-014	21744.15	-5.28e-011	-150490.66
	55	7.28e-012	649.90	-7.11e-014	-21744.15	-5.46e-011	-207137.03
691	48	0.00	-686.19	0.00	52883.68	0.00	-264865.41
	51	0.00	686.19	0.00	-52883.68	0.00	-153711.99
692	34	-256.08	-1362.37	1587.34	-16744.42	-322121.28	-251782.22
	77	256.08	1362.37	-1587.34	16744.42	-233446.79	-225047.62
693	31	436.83	-546.25	1950.00	-16744.42	-363725.56	-100413.94
	74	-436.83	546.25	-1950.00	16744.42	-318774.09	-90773.15
694	28	186.49	-66.58	2016.03	-16744.42	-371300.86	-11419.78
	71	-186.49	66.58	-2016.03	16744.42	-334310.47	-11882.52
695	25	-834.70	207.31	1962.40	-16744.42	-365148.76	53967.48
	68	834.70	-207.31	-1962.40	16744.42	-321692.97	18592.11
696	22	1382.29	842.44	1928.81	-16744.42	-361294.87	175514.09
	65	-1382.29	-842.44	-1928.81	16744.42	-313788.92	119339.15
697	19	216.00	980.22	1967.38	-16744.42	-365719.86	235476.88
	62	-216.00	-980.22	-1967.38	16744.42	-322864.25	107599.65
698	16	670.97	2040.77	1672.45	-16744.42	-331885.33	405827.97
	59	-670.97	-2040.77	-1672.45	16744.42	-253472.13	308441.07
699	35	70.22	-1505.86	838.13	-16744.42	-193148.56	-268242.95
	78	-70.22	1505.86	-838.13	16744.42	-100197.71	-258807.35
700	32	306.89	-599.51	926.01	-16744.42	-203229.86	-106524.35
	75	-306.89	599.51	-926.01	16744.42	-120873.72	-103305.15
701	29	1675.48	-76.71	1319.57	-16744.42	-248378.37	-12581.67
	72	-1675.48	76.71	-1319.57	16744.42	-213469.95	-14265.47
702	26	-993.51	246.26	1467.11	-16744.42	-265304.64	58434.92
	69	993.51	-246.26	-1467.11	16744.42	-248184.48	27754.49
703	23	1029.25	1060.22	1412.71	-16744.42	-259064.13	200497.90
	66	-1029.25	-1060.22	-1412.71	16744.42	-235385.66	170579.09
704	20	298.21	1118.67	1460.64	-16744.42	-264562.53	251359.87
	63	-298.21	-1118.67	-1460.64	16744.42	-246662.47	140174.48
705	17	363.62	2497.07	1235.19	-16744.42	-238698.97	458174.89
	60	-363.62	-2497.07	-1235.19	16744.42	-193618.23	415800.73
706	36	1683.38	-1470.55	748.81	-16744.42	-152331.08	-264192.38
	79	-1683.38	1470.55	-748.81	16744.42	-109750.90	-250499.92
707	33	791.26	-588.07	905.11	-16744.42	-170262.74	-105212.19
	76	-791.26	588.07	-905.11	16744.42	-146527.41	-100614.00

708	30	-220.70	-81.12	941.64	-16744.42	-174452.60	-13088.60
	73	220.70	81.12	-941.64	16744.42	-155120.52	-15305.14
709	27	-690.20	214.27	919.79	-16744.42	-171946.32	54765.31
	70	690.20	-214.27	-919.79	16744.42	-149980.32	20228.40
710	24	-1860.70	896.15	904.84	-16744.42	-170231.47	181676.37
	67	1860.70	-896.15	-904.84	16744.42	-146463.28	131977.53
711	21	-136.32	1009.46	923.47	-16744.42	-172368.82	238831.79
	64	136.32	-1009.46	-923.47	16744.42	-150846.82	114480.31
712	18	-5136.47	2144.95	751.42	-16744.42	-152631.16	417779.59
	61	5136.47	-2144.95	-751.42	16744.42	-110366.35	332952.96
713	39	132.78	-1434.87	-10.45	-16744.42	-1825.84	-260099.56
	82	-132.78	1434.87	10.45	16744.42	5481.90	-242105.87
714	38	120.17	-571.94	16.65	-16744.42	-4934.65	-103360.89
	81	-120.17	571.94	-16.65	16744.42	-894.04	-96817.12
715	37	-69.14	-62.49	17.97	-16744.42	-5086.00	-10950.71
	80	69.14	62.49	-17.97	16744.42	-1204.45	-10920.49
716	45	-825.88	-1419.85	-860.70	-16744.42	168176.82	-258375.96
	88	825.88	1419.85	860.70	16744.42	133067.84	-238570.89
717	44	351.18	-568.26	-857.76	-16744.42	167839.60	-102938.93
	87	-351.18	568.26	857.76	16744.42	132376.23	-95951.71
718	43	-664.60	-74.27	-852.47	-16744.42	167232.98	-12302.45
	86	664.60	74.27	852.47	16744.42	131132.11	-13692.82
719	40	1611.68	532.46	-816.43	-16744.42	163097.96	102590.24
	83	-1611.68	-532.46	816.43	16744.42	122651.49	83769.69
720	48	370.21	-193.79	-1039.83	-4852.46	238061.38	-15936.16
	91	-370.21	193.79	1039.83	4852.46	125878.48	-51891.44
721	47	78.54	-234.08	-1521.62	-7772.70	368304.30	-29729.78
	90	-78.54	234.08	1521.62	7772.70	164261.98	-52196.92
722	46	-61.53	-245.34	-1507.50	-7772.70	365021.15	-46105.29
	89	61.53	245.34	1507.50	7772.70	162603.26	-39764.60
723	41	-366.93	-126.90	-1025.23	-4852.46	234961.45	-33303.45
	84	366.93	126.90	1025.23	4852.46	123869.88	-11111.18
724	51	-649.80	-494.41	-476.43	-4852.46	110770.83	-86569.29
	94	649.80	494.41	476.43	4852.46	55979.49	-86473.41
725	50	-197.27	-388.96	-767.06	-7772.70	174189.65	-69363.88
	93	197.27	388.96	767.06	7772.70	94282.68	-66772.46
726	49	68.64	-206.06	-740.49	-7772.70	171188.75	-35506.16
	92	-68.64	206.06	740.49	7772.70	87983.71	-36613.41
727	42	475.16	20.27	-558.53	-4852.46	125660.31	4053.90
	85	-475.16	-20.27	558.53	4852.46	69823.48	3040.01
728	55	-3424.46	-585.28	-3317.86	-15527.87	705110.35	-94428.70
	98	3424.46	585.28	3317.86	15527.87	456140.45	-110419.63
729	54	-463.43	-289.16	-3008.68	-7772.70	542797.86	-44202.55
	97	463.43	289.16	3008.68	7772.70	510240.60	-57004.97
730	53	979.88	-197.38	-2779.70	-7772.70	511624.42	-35942.99
	96	-979.88	197.38	2779.70	7772.70	461269.19	-33139.63
731	52	2965.25	-60.27	-1442.28	-4852.46	270376.51	-13598.62
	95	-2965.25	60.27	1442.28	4852.46	234421.40	-7497.00
732	56	-2266.19	-143.08	-1400.75	-4852.46	261320.40	-12568.78
	99	2266.19	143.08	1400.75	4852.46	228943.47	-37510.96
733	57	-1819.21	-116.25	-3190.76	-7772.70	568272.78	-8333.44

100	1819.21	116.25	3190.76	7772.70	548494.55	-32355.60	
734	58	4672.77	-100.84	-1698.97	-4852.46	311694.52	-17249.05
	101	-4672.77	100.84	1698.97	4852.46	282946.00	-18045.75
735	15	9268.71	144.69	-2402.87	-17544.78	514182.22	24923.19
	58	-9268.71	-144.69	2402.87	17544.78	398909.02	30057.98
736	14	-3894.28	-215.43	-3806.34	-26741.01	799163.14	-65676.08
	57	3894.28	215.43	3806.34	26741.01	647247.01	-16187.11
737	13	-4486.44	-740.13	-2221.13	-17544.78	491574.38	-168734.81
	56	4486.44	740.13	2221.13	17544.78	352455.63	-112513.17
738	9	4935.42	652.06	-1232.08	-17544.78	281125.37	131746.47
	52	-4935.42	-652.06	1232.08	17544.78	187065.76	116037.19
739	10	1877.79	177.98	-2135.06	-26741.01	458916.98	33016.39
	53	-1877.79	-177.98	2135.06	26741.01	352403.93	34617.67
740	11	-976.50	-386.54	-2188.36	-26741.01	465520.02	-86870.59
	54	976.50	386.54	2188.36	26741.01	366058.22	-60014.80
741	12	-5423.55	-1214.90	-2504.22	-35049.98	939171.00	-250501.91
	55	5423.55	1214.90	2504.22	35049.98	12433.65	-211160.17
742	2	421.19	746.66	-34.92	-17544.78	72378.15	143514.13
	42	-421.19	-746.66	34.92	17544.78	-59108.57	140216.75
743	6	40.41	127.75	49.51	-17544.78	61875.62	23088.93
	49	-40.41	-127.75	-49.51	17544.78	-80688.60	25454.57
744	7	-184.86	-352.29	49.74	-17544.78	61846.31	-69406.57
	50	184.86	352.29	-49.74	17544.78	-80748.83	-64464.18
745	8	-613.51	-1170.90	26.60	-17544.78	64724.74	-226691.86
	51	613.51	1170.90	-26.60	17544.78	-74834.39	-218248.74

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-3.36e-002	0.16	-4.81e-002	67.70	-20.85	3.09
	472	-3.46e-002	0.14	-1.99e-002	33.84	26.71	51.44
	473	-5.54e-002	0.14	-5.70e-002	182.89	11.69	39.11
	382	-5.45e-002	0.16	-8.52e-002	80.64	72.05	-9.25
105	378	4.84e-003	0.16	1.98e-002	21.67	-1.48	-15.67
	467	7.44e-003	0.20	-1.25e-003	5.57	0.14	-6.42
	472	-3.12e-002	0.20	-1.18e-002	14.51	26.91	11.56
	381	-3.38e-002	0.16	9.22e-003	45.03	6.44	2.30
106	377	-4.85e-003	0.12	1.88e-002	6.91	-0.71	-25.13
	466	-6.83e-004	0.18	6.52e-003	1.46	-1.86	-22.09
	467	6.59e-003	0.18	2.06e-003	0.46	10.31	-13.84
	378	2.43e-003	0.12	1.43e-002	18.54	-0.83	-16.88
107	374	-6.18e-004	0.10	2.09e-002	2.08	-0.38	-27.78
	465	2.68e-003	0.15	7.97e-003	0.41	-0.93	-26.83
	466	-2.63e-003	0.15	1.04e-002	-0.41	2.87	-24.10
	377	-5.93e-003	0.10	2.33e-002	6.17	-0.95	-25.04
108	373	-5.28e-004	8.07e-002	2.29e-002	0.60	-0.19	-28.47
	464	2.16e-003	0.12	7.01e-003	0.12	-0.38	-28.18
	465	5.60e-004	0.12	5.69e-003	-0.19	0.65	-27.38
	374	-2.13e-003	8.06e-002	2.16e-002	1.87	-0.50	-27.66
109	370	-6.77e-005	5.99e-002	2.22e-002	0.16	-9.38e-002	-28.63
	459	1.88e-003	8.98e-002	6.85e-003	3.45e-002	-0.16	-28.55
	464	5.81e-005	8.97e-002	7.48e-003	-6.04e-002	0.10	-28.33
	373	-1.88e-003	5.98e-002	2.28e-002	0.54	-0.22	-28.41
110	369	2.34e-004	3.84e-002	2.25e-002	3.75e-002	-6.68e-002	-28.66
	458	1.49e-003	5.77e-002	6.97e-003	9.71e-003	-9.39e-002	-28.63
	459	-2.19e-004	5.76e-002	6.73e-003	-1.77e-002	-1.78e-002	-28.58
	370	-1.47e-003	3.83e-002	2.22e-002	0.14	-0.10	-28.61

111	366	6.05e-004	1.71e-002	2.24e-002	9.74e-003	-0.10	-28.64
	457	1.16e-003	2.56e-002	7.00e-003	4.05e-004	-0.13	-28.64
	458	-6.04e-004	2.55e-002	7.01e-003	-3.71e-003	-5.56e-002	-28.64
	369	-1.16e-003	1.69e-002	2.24e-002	3.35e-002	-7.31e-002	-28.64
112	365	9.21e-004	-4.27e-003	2.22e-002	6.39e-002	-0.26	-28.62
	456	7.76e-004	-6.50e-003	6.74e-003	-1.20e-002	-0.26	-28.63
	457	-9.34e-004	-6.62e-003	6.96e-003	6.00e-003	-0.13	-28.63
	366	-7.89e-004	-4.38e-003	2.25e-002	1.72e-002	-0.12	-28.62
113	303	1.32e-003	-2.58e-002	2.28e-002	0.38	-0.69	-28.64
	453	4.90e-004	-3.86e-002	7.45e-003	-5.08e-002	-0.56	-28.72
	456	-1.32e-003	-3.87e-002	6.87e-003	3.28e-002	-0.35	-28.64
	365	-4.88e-004	-2.59e-002	2.22e-002	0.10	-0.30	-28.56
114	300	1.36e-003	-4.66e-002	2.18e-002	1.68	-1.81	-29.01
	452	-2.13e-004	-7.08e-002	5.75e-003	-0.15	-1.05	-29.31
	453	-1.61e-003	-7.09e-002	6.89e-003	0.14	-0.97	-28.80
	303	-3.41e-005	-4.67e-002	2.29e-002	0.48	-0.79	-28.50
115	299	4.22e-003	-6.95e-002	2.37e-002	6.24	-4.41	-30.81
	451	2.02e-003	-0.10	1.02e-002	-0.17	-1.50	-31.92
	452	-2.35e-003	-0.10	8.15e-003	0.55	-2.56	-29.78
	300	-1.49e-004	-6.98e-002	2.17e-002	2.01	-2.13	-28.67
116	296	-1.07e-002	-8.45e-002	2.17e-002	18.98	-8.94	-36.85
	450	-1.41e-002	-0.14	5.42e-003	2.12	-1.59	-40.43
	451	-1.61e-004	-0.14	5.83e-003	2.15	-5.76	-33.98
	299	3.30e-003	-8.36e-002	2.21e-002	7.26	-6.00	-30.40
117	295	2.71e-002	-0.10	3.43e-002	36.34	-11.30	-47.84
	449	2.28e-002	-0.17	-6.31e-003	17.35	-12.23	-55.41
	450	-1.64e-002	-0.17	5.54e-004	7.42	-5.80	-46.92
	296	-1.21e-002	-0.11	4.12e-002	21.77	-16.43	-39.35
118	245	0.23	-0.11	-8.51e-002	152.74	20.54	-18.98
	255	0.23	-0.12	-0.11	-24.03	-102.81	-36.60
	449	2.53e-002	-0.13	-6.37e-002	25.43	44.99	-61.13
	295	2.60e-002	-0.12	-3.62e-002	52.36	-30.84	-43.50
119	290	-0.10	0.26	-1.29e-002	62.48	-15.17	-25.02
	381	-0.11	0.15	2.56e-002	65.95	-24.86	-5.05
	382	4.74e-003	0.16	-0.18	157.80	78.69	-4.28
	293	1.15e-002	0.26	-0.22	47.09	60.51	-24.25
120	289	-3.12e-003	0.13	-1.79e-002	24.04	-7.63	-33.65
	378	-1.37e-003	0.16	3.15e-003	26.25	-5.26	-16.95
	381	-0.11	0.15	8.30e-002	54.06	4.73	-13.13
	290	-0.11	0.12	6.19e-002	51.67	1.46	-29.83
121	286	-3.28e-003	6.23e-002	4.85e-002	7.46	-2.63	-30.78
	377	4.96e-004	0.12	3.29e-002	8.33	-1.54	-25.31
	378	-3.79e-003	0.12	-2.33e-003	15.99	-2.67	-23.99
	289	-7.57e-003	6.20e-002	1.33e-002	17.45	-3.40	-29.46
122	285	-2.83e-004	5.24e-002	2.65e-002	2.24	-0.95	-29.49
	374	3.08e-003	0.10	2.47e-002	2.51	-0.57	-27.80
	377	-5.85e-004	0.10	3.74e-002	4.72	-1.61	-27.52
	286	-3.94e-003	5.21e-002	3.91e-002	5.40	-1.58	-29.21
123	265	-1.01e-003	4.02e-002	3.34e-002	0.66	-0.34	-28.97
	373	1.63e-003	8.08e-002	3.00e-002	0.73	-0.23	-28.47
	374	1.57e-003	8.08e-002	2.55e-002	1.41	-0.68	-28.44
	285	-1.07e-003	4.02e-002	2.88e-002	1.58	-0.60	-28.95
124	264	-3.89e-004	3.00e-002	3.08e-002	0.18	-0.12	-28.78
	370	1.57e-003	6.01e-002	2.83e-002	0.20	-0.10	-28.63
	373	2.76e-004	6.00e-002	2.99e-002	0.41	-0.27	-28.65
	265	-1.68e-003	2.99e-002	3.24e-002	0.44	-0.22	-28.80
125	263	-1.31e-004	1.92e-002	3.17e-002	4.24e-002	-5.94e-002	-28.70

	369	1.12e-003	3.85e-002	2.88e-002	5.47e-002	-6.38e-002	-28.65
	370	1.58e-004	3.84e-002	2.83e-002	0.11	-0.11	-28.68
	264	-1.10e-003	1.91e-002	3.12e-002	0.12	-8.59e-002	-28.72
126	262	2.72e-004	8.53e-003	3.15e-002	3.72e-003	-7.31e-002	-28.64
	366	8.28e-004	1.71e-002	2.88e-002	2.76e-002	-9.45e-002	-28.63
	369	-2.71e-004	1.70e-002	2.88e-002	2.68e-002	-7.08e-002	-28.66
	263	-8.27e-004	8.46e-003	3.15e-002	3.05e-002	-5.11e-002	-28.67
127	261	5.37e-004	-2.12e-003	3.12e-002	3.27e-002	-0.18	-28.54
	365	3.95e-004	-4.31e-003	2.83e-002	8.78e-002	-0.24	-28.56
	366	-5.66e-004	-4.37e-003	2.88e-002	1.90e-002	-0.11	-28.63
	262	-4.24e-004	-2.18e-003	3.17e-002	3.04e-002	-8.17e-002	-28.60
128	260	1.14e-003	-1.29e-002	3.24e-002	0.27	-0.51	-28.29
	303	2.96e-004	-2.59e-002	2.99e-002	0.38	-0.66	-28.42
	365	-1.01e-003	-2.60e-002	2.83e-002	0.12	-0.28	-28.57
	261	-1.70e-004	-1.30e-002	3.08e-002	0.14	-0.22	-28.44
129	259	4.01e-004	-2.32e-002	2.88e-002	1.34	-1.48	-27.65
	300	-1.13e-003	-4.67e-002	2.54e-002	1.50	-1.82	-28.19
	303	-1.06e-003	-4.67e-002	3.00e-002	0.59	-0.78	-28.52
	260	4.72e-004	-2.32e-002	3.34e-002	0.62	-0.66	-27.98
130	258	2.52e-003	-3.46e-002	3.90e-002	5.63	-4.23	-26.14
	299	2.29e-004	-6.98e-002	3.83e-002	5.51	-4.66	-28.15
	300	-2.64e-003	-7.00e-002	2.53e-002	2.45	-2.21	-28.68
	259	-3.51e-004	-3.48e-002	2.61e-002	2.48	-1.89	-26.67
131	257	2.58e-003	-3.97e-002	1.14e-002	21.24	-11.12	-23.22
	296	-2.93e-004	-8.38e-002	1.25e-003	19.31	-9.54	-30.24
	299	-6.84e-004	-8.38e-002	3.67e-002	9.01	-6.78	-30.13
	258	2.18e-003	-3.97e-002	4.68e-002	9.32	-5.22	-23.11
132	256	0.13	-8.38e-002	4.75e-002	66.98	-16.19	-18.15
	295	0.13	-0.10	0.10	67.40	-6.01	-40.05
	296	-1.78e-003	-0.11	2.08e-002	29.29	-21.99	-37.29
	257	-8.41e-004	-9.22e-002	-3.21e-002	33.01	-15.45	-15.39
133	235	0.19	-0.20	-0.22	218.43	104.59	-1.86
	245	0.19	-0.11	-0.16	35.63	38.40	-25.59
	295	0.13	-0.12	2.98e-002	71.75	-27.76	-37.09
	256	0.12	-0.20	-3.29e-002	89.99	-64.80	-13.36
134	471	5.39e-002	3.50e-003	0.62	12.01	-3.75	-53.40
	290	7.11e-002	0.27	0.10	55.22	-21.84	-33.34
	293	2.44e-002	0.27	-0.41	120.55	58.01	-22.19
	200	7.21e-003	4.68e-004	0.12	18.19	14.87	-42.25
135	470	-4.99e-003	-3.24e-004	3.04e-003	5.18	-2.49	-41.93
	289	3.54e-003	0.13	-3.15e-002	19.30	-5.15	-34.55
	290	6.24e-002	0.13	0.17	35.57	-2.61	-41.72
	471	5.39e-002	3.50e-003	0.20	13.34	2.39	-49.10
136	229	-3.72e-003	-2.42e-004	6.45e-002	1.95	-0.81	-33.43
	286	3.61e-004	6.25e-002	5.85e-002	6.05	-1.97	-30.69
	289	-9.08e-004	6.24e-002	-2.75e-004	15.57	-3.79	-35.13
	470	-4.99e-003	-3.24e-004	5.65e-003	1.25	7.10e-002	-37.87
137	469	-1.17e-003	-7.61e-005	2.90e-002	0.64	-0.26	-30.28
	285	2.25e-003	5.25e-002	2.84e-002	1.80	-0.74	-29.42
	286	-3.00e-004	5.24e-002	4.92e-002	5.28	-1.54	-31.11
	229	-3.72e-003	-2.42e-004	4.97e-002	-8.72e-002	-8.72e-002	-31.97
138	468	-1.31e-003	-8.52e-005	3.98e-002	0.20	-8.26e-002	-29.21
	265	1.32e-003	4.04e-002	3.79e-002	0.52	-0.27	-28.95
	285	1.46e-003	4.04e-002	3.08e-002	1.66	-0.54	-29.53
	469	-1.17e-003	-7.61e-005	3.27e-002	-0.10	-4.78e-002	-29.79
139	228	-7.40e-004	-4.81e-005	3.63e-002	5.97e-002	-2.76e-002	-28.85
	264	1.22e-003	3.01e-002	3.45e-002	0.15	-0.10	-28.77

	265	6.47e-004	3.00e-002	3.70e-002	0.50	-0.19	-28.97
	468	-1.31e-003	-8.52e-005	3.87e-002	-4.60e-002	-2.10e-002	-29.05
140	463	-4.74e-004	-3.08e-005	3.74e-002	1.13e-002	-1.16e-002	-28.72
	263	7.78e-004	1.92e-002	3.56e-002	4.58e-002	-4.48e-002	-28.69
	264	5.11e-004	1.92e-002	3.49e-002	0.15	-7.06e-002	-28.77
	228	-7.40e-004	-4.81e-005	3.67e-002	-1.80e-002	-9.47e-003	-28.79
141	462	-8.04e-005	-5.22e-006	3.72e-002	-1.55e-002	-1.17e-002	-28.63
	262	4.75e-004	8.54e-003	3.55e-002	4.29e-002	-5.32e-002	-28.63
	263	8.17e-005	8.52e-003	3.55e-002	4.00e-002	-4.01e-002	-28.69
	463	-4.74e-004	-3.08e-005	3.72e-002	-2.41e-003	-6.87e-003	-28.69
142	227	1.83e-004	1.19e-005	3.67e-002	-5.67e-002	-2.60e-002	-28.47
	261	4.22e-005	-2.15e-003	3.49e-002	0.15	-0.13	-28.49
	262	-2.21e-004	-2.17e-003	3.56e-002	2.19e-002	-6.31e-002	-28.61
	462	-8.04e-005	-5.22e-006	3.74e-002	1.75e-002	-1.33e-002	-28.59
143	461	7.65e-004	4.97e-005	3.87e-002	-0.16	-6.92e-002	-28.02
	260	-8.27e-005	-1.30e-002	3.70e-002	0.56	-0.39	-28.09
	261	-6.65e-004	-1.30e-002	3.45e-002	9.16e-002	-0.17	-28.45
	227	1.83e-004	1.19e-005	3.62e-002	7.42e-002	-4.03e-002	-28.38
144	460	4.73e-004	3.07e-005	3.25e-002	-0.42	-0.19	-26.62
	259	-1.04e-003	-2.33e-002	3.06e-002	2.04	-1.18	-26.91
	260	-7.49e-004	-2.33e-002	3.80e-002	0.44	-0.51	-28.02
	461	7.65e-004	4.97e-005	3.99e-002	0.26	-0.13	-27.72
145	226	2.20e-003	1.43e-004	4.93e-002	-0.94	-0.48	-22.37
	258	-6.93e-005	-3.47e-002	4.89e-002	7.02	-3.57	-23.45
	259	-1.79e-003	-3.48e-002	2.79e-002	1.84	-1.42	-26.79
	460	4.73e-004	3.07e-005	2.82e-002	0.88	-0.41	-25.72
146	455	-8.20e-004	-5.33e-005	-1.26e-003	-0.24	-0.91	-9.98
	257	-3.42e-003	-4.01e-002	-6.73e-003	22.52	-10.11	-13.85
	258	-4.03e-004	-3.99e-002	5.67e-002	7.18	-3.76	-23.38
	226	2.20e-003	1.43e-004	6.22e-002	2.89	-1.40	-19.50
147	454	-8.33e-002	-5.41e-003	0.19	16.36	1.75	20.20
	256	-8.93e-002	-0.10	0.15	65.90	-16.11	6.07
	257	-6.84e-003	-9.26e-002	-5.02e-002	26.88	-11.80	-14.57
	455	-8.20e-004	-5.33e-005	-6.13e-003	9.35	-5.16	-0.44
148	197	0.24	1.57e-002	0.19	300.17	58.59	52.97
	235	0.23	-0.20	-0.44	87.78	105.61	-18.18
	256	-0.10	-0.22	6.97e-002	100.05	-64.15	1.51
	454	-8.33e-002	-5.41e-003	0.70	39.85	-34.76	72.67
149	244	-5.09e-002	2.53e-002	-1.29e-002	50.39	-38.38	41.57
	254	-4.77e-002	7.34e-002	0.13	26.89	42.28	58.39
	255	0.25	9.25e-002	7.56e-002	-32.50	-124.25	29.51
	245	0.24	4.44e-002	-7.08e-002	157.88	9.82	12.69
150	243	6.45e-003	6.89e-002	8.68e-003	20.42	-18.73	40.46
	253	5.24e-003	5.03e-002	-9.35e-003	7.46	-7.66	47.76
	254	-4.95e-002	4.67e-002	3.00e-003	16.93	-20.52	54.03
	244	-4.82e-002	6.54e-002	2.10e-002	34.51	-16.03	46.73
151	242	-2.98e-003	2.79e-002	2.22e-002	6.60	-6.56	32.87
	252	-2.36e-003	3.74e-002	8.39e-003	1.99	-6.45	36.18
	253	4.43e-003	3.78e-002	-4.60e-003	2.06	-4.42	41.67
	243	3.81e-003	2.83e-002	9.20e-003	17.40	-10.52	38.36
152	241	6.72e-004	6.67e-003	2.12e-002	1.85	-2.30	31.60
	251	7.60e-004	8.02e-003	7.28e-003	0.45	-2.71	32.55
	252	-4.29e-003	7.69e-003	1.20e-002	-0.19	-2.47	34.35
	242	-4.38e-003	6.34e-003	2.59e-002	5.48	-4.89	33.41
153	240	1.24e-003	-1.87e-002	2.52e-002	0.90	-0.98	31.40
	250	6.89e-004	-2.71e-002	8.22e-003	3.81e-002	-0.84	31.56
	251	-1.53e-003	-2.73e-002	5.66e-003	-0.13	-1.47	32.16

	241	-9.83e-004	-1.88e-002	2.26e-002	1.51	-1.98	31.99
154	239	1.61e-003	-4.11e-002	2.33e-002	1.95	-0.72	30.73
	249	2.07e-004	-6.26e-002	6.28e-003	-0.19	0.45	30.51
	250	-1.62e-003	-6.27e-002	7.99e-003	5.07e-002	-1.01	31.38
	240	-2.24e-004	-4.12e-002	2.51e-002	0.86	-0.84	31.60
155	238	4.48e-003	-6.60e-002	2.45e-002	6.32	-0.82	28.07
	248	2.40e-003	-0.10	9.95e-003	-0.42	3.13	27.13
	249	-2.11e-003	-0.10	8.46e-003	0.36	-1.21	29.94
	239	-3.65e-005	-6.63e-002	2.30e-002	2.15	-0.55	30.88
156	237	-5.83e-003	-8.51e-002	2.14e-002	18.67	0.44	19.78
	247	-8.96e-003	-0.13	5.64e-003	0.73	11.04	16.76
	248	1.55e-004	-0.13	5.70e-003	1.44	-1.74	24.98
	238	3.28e-003	-8.45e-002	2.15e-002	7.03	-0.85	28.00
157	236	2.47e-002	-0.12	1.88e-002	40.33	11.87	1.21
	246	2.20e-002	-0.16	-1.21e-002	13.13	25.98	-6.26
	247	-1.07e-002	-0.16	2.86e-003	5.41	2.89	9.66
	237	-7.95e-003	-0.12	3.37e-002	20.87	-2.00	17.13
158	433	3.89e-002	-0.13	-3.41e-002	102.57	80.60	7.19
	443	3.97e-002	-0.12	-5.88e-002	75.55	10.79	-20.97
	246	2.44e-002	-0.12	-4.65e-002	25.74	49.00	-29.29
	236	2.36e-002	-0.13	-2.19e-002	55.87	-5.72	-1.13
159	234	-4.70e-002	0.14	-3.80e-002	87.78	-70.94	11.28
	244	-5.42e-002	2.51e-002	4.92e-002	69.31	-35.10	35.64
	245	0.20	4.17e-002	-0.14	31.24	29.75	20.36
	235	0.21	0.15	-0.23	221.97	100.09	-4.00
160	233	-2.88e-003	8.38e-002	-6.30e-003	31.75	-16.11	17.43
	243	-3.89e-003	6.82e-002	-2.21e-003	27.55	-23.71	38.51
	244	-5.16e-002	6.51e-002	8.31e-002	66.21	-9.96	39.35
	234	-5.06e-002	8.07e-002	7.90e-002	63.74	-18.61	18.27
161	232	-1.85e-003	1.93e-002	5.16e-002	8.64	-5.10	26.19
	242	-1.29e-003	2.80e-002	3.57e-002	8.13	-7.13	32.62
	243	-6.53e-003	2.76e-002	-1.69e-003	18.33	-10.83	32.09
	233	-7.09e-003	1.90e-002	1.42e-002	19.08	-12.06	25.66
162	231	1.05e-003	3.82e-003	2.88e-002	2.27	-1.85	29.96
	241	1.24e-003	6.70e-003	2.58e-002	2.17	-2.32	31.67
	242	-2.69e-003	6.45e-003	3.94e-002	4.99	-5.03	30.95
	232	-2.87e-003	3.57e-003	4.23e-002	4.76	-4.51	29.24
163	230	8.98e-004	-9.26e-003	3.64e-002	0.93	-0.81	31.36
	240	2.83e-004	-1.87e-002	3.31e-002	0.83	-1.00	31.66
	241	-4.20e-004	-1.88e-002	2.73e-002	1.46	-1.96	31.26
	231	1.95e-004	-9.30e-003	3.05e-002	1.17	-1.62	30.97
164	477	5.85e-004	-2.05e-002	3.11e-002	1.70	-0.79	31.94
	239	-7.63e-004	-4.12e-002	2.78e-002	1.43	-0.92	31.54
	240	-1.18e-003	-4.13e-002	3.30e-002	1.02	-0.84	31.42
	230	1.66e-004	-2.05e-002	3.63e-002	0.79	-0.80	31.82
165	476	2.67e-003	-3.31e-002	4.01e-002	5.67	-1.69	32.21
	238	5.13e-004	-6.63e-002	3.83e-002	4.64	-1.56	30.55
	239	-2.40e-003	-6.65e-002	2.75e-002	2.61	-0.70	30.90
	477	-2.46e-004	-3.33e-002	2.93e-002	2.27	-9.99e-001	32.56
166	475	5.08e-003	-4.27e-002	1.88e-002	19.09	-3.76	31.77
	237	2.36e-003	-8.46e-002	6.47e-003	15.69	-1.60	26.20
	238	-6.86e-004	-8.48e-002	3.53e-002	8.55	-1.69	28.32
	476	2.04e-003	-4.29e-002	4.76e-002	7.85	-2.26	33.89
167	474	0.10	-9.04e-002	5.11e-002	58.21	1.47	28.73
	236	0.10	-0.11	8.34e-002	53.19	10.99	11.54
	237	2.41e-004	-0.12	1.88e-002	26.55	-6.60	18.89
	475	1.56e-003	-0.10	-1.36e-002	26.17	-6.82	36.08

168	423	3.43e-002	-0.19	-0.18	126.02	99.12	17.45
	433	3.80e-002	-0.13	-0.11	83.00	87.01	-1.29
	236	0.10	-0.13	4.27e-002	64.09	-8.90	5.94
	474	0.10	-0.18	-2.55e-002	68.31	-27.84	24.68
169	448	6.78e-002	4.41e-003	0.50	40.24	-34.56	-73.11
	234	7.70e-002	0.14	4.87e-002	96.49	-68.33	-2.80
	235	0.25	0.16	-0.45	85.15	101.65	12.85
	197	0.24	1.57e-002	-6.26e-004	301.76	56.88	-57.45
170	225	-9.07e-003	-5.90e-004	5.25e-003	9.11	-4.97	3.20
	233	-3.59e-003	8.38e-002	-9.75e-003	25.47	-12.10	16.47
	234	7.33e-002	8.88e-002	0.17	64.44	-17.67	-5.51
	448	6.78e-002	4.41e-003	0.18	14.16	0.93	-18.77
171	447	-2.18e-003	-1.42e-004	6.51e-002	2.74	-1.32	22.84
	232	-9.13e-004	1.94e-002	5.98e-002	6.58	-3.64	26.40
	233	-7.80e-003	1.90e-002	1.08e-002	21.75	-10.64	16.53
	225	-9.07e-003	-5.90e-004	1.60e-002	-1.06	-1.18	12.96
172	224	2.73e-004	1.77e-005	3.32e-002	0.79	-0.38	29.19
	231	5.17e-004	3.79e-003	3.16e-002	1.71	-1.39	30.12
	232	-1.94e-003	3.63e-003	5.06e-002	6.61	-3.71	26.68
	447	-2.18e-003	-1.42e-004	5.21e-002	-1.22	-0.57	25.75
173	446	4.68e-004	3.04e-005	4.36e-002	0.18	-0.13	31.40
	230	-1.39e-004	-9.32e-003	4.16e-002	0.83	-0.64	31.57
	231	-3.35e-004	-9.34e-003	3.33e-002	1.98	-1.26	30.30
	224	2.73e-004	1.77e-005	3.53e-002	-0.45	-0.23	30.13
174	223	6.14e-004	3.99e-005	3.56e-002	-6.62e-002	-8.59e-002	32.74
	477	-7.25e-004	-2.06e-002	3.34e-002	1.72	-0.69	32.55
	230	-8.71e-004	-2.06e-002	4.15e-002	1.00e+000	-0.61	31.63
	446	4.68e-004	3.04e-005	4.36e-002	1.20e-002	-0.15	31.83
175	445	2.63e-003	1.71e-004	5.02e-002	-0.16	-0.12	35.12
	476	4.62e-004	-3.32e-002	4.94e-002	5.44	-1.67	34.27
	477	-1.56e-003	-3.34e-002	3.17e-002	1.96	-0.75	32.45
	223	6.14e-004	3.99e-005	3.25e-002	0.57	-0.26	33.30
176	222	1.86e-003	1.21e-004	1.18e-002	1.28	1.49e-002	41.35
	475	-9.51e-004	-4.31e-002	6.97e-003	16.55	-4.35	38.47
	476	-1.74e-004	-4.30e-002	5.69e-002	6.45	-1.59	33.77
	445	2.63e-003	1.71e-004	6.17e-002	1.97	-0.80	36.64
177	444	-6.72e-002	-4.37e-003	0.18	16.01	2.97	53.98
	474	-7.35e-002	-0.10	0.14	42.92	-2.97	44.70
	475	-4.47e-003	-0.10	-2.54e-002	21.73	-4.81	36.91
	222	1.86e-003	1.21e-004	9.02e-003	5.91	-2.86	46.19
178	193	6.13e-002	3.99e-003	0.13	157.96	37.73	49.14
	423	4.89e-002	-0.19	-0.37	90.12	92.48	6.43
	474	-7.96e-002	-0.20	6.44e-002	72.13	-33.72	34.76
	444	-6.72e-002	-4.37e-003	0.56	22.58	-16.52	77.46
229	432	-2.84e-002	1.47e-002	-2.84e-002	50.14	-11.71	16.92
	442	-3.28e-002	-5.27e-002	-2.19e-002	25.58	44.58	42.75
	443	4.44e-002	-4.77e-002	-3.14e-002	71.99	11.90	36.94
	433	4.88e-002	1.98e-002	-3.79e-002	103.39	78.92	11.11
230	431	1.05e-002	1.23e-002	2.12e-002	17.12	-2.71	-1.95
	441	9.50e-003	-3.45e-003	-2.41e-003	3.26	-0.29	4.27
	442	-2.97e-002	-5.99e-003	-1.43e-002	7.66	22.17	18.65
	432	-2.87e-002	9.75e-003	9.36e-003	38.08	9.88	12.43
231	430	-1.09e-003	-1.06e-002	1.08e-002	5.24	-0.43	-10.90
	440	-1.21e-003	-1.24e-002	7.21e-004	0.31	-2.79	-8.68
	441	8.96e-003	-1.18e-002	-1.30e-003	-0.29	9.06	-1.91
	431	9.07e-003	-9.97e-003	8.81e-003	14.87	-0.27	-4.13
232	429	5.93e-004	-1.95e-002	1.04e-002	1.37	-2.03e-002	-12.98

	439	-1.27e-004	-3.06e-002	4.49e-003	-4.93e-002	-1.18	-12.40
	440	-2.40e-003	-3.07e-002	6.68e-003	-0.60	2.53	-10.28
	430	-1.68e-003	-1.96e-002	1.26e-002	4.25	-0.82	-10.85
233	428	1.04e-003	-3.36e-002	1.27e-002	0.32	-1.81e-002	-13.42
	438	-8.39e-006	-4.99e-002	3.98e-003	-3.48e-002	-0.40	-13.29
	439	-1.39e-003	-4.99e-002	2.29e-003	-0.22	0.57	-12.73
	429	-3.34e-004	-3.37e-002	1.10e-002	1.05	-0.39	-12.87
234	427	1.65e-003	-4.57e-002	1.09e-002	7.97e-002	-8.20e-002	-13.50
	437	1.13e-004	-6.94e-002	2.22e-003	-1.32e-002	-0.19	-13.47
	438	-1.28e-003	-6.95e-002	3.99e-003	-5.93e-002	7.34e-002	-13.35
	428	2.58e-004	-4.57e-002	1.27e-002	0.24	-0.16	-13.37
235	426	2.72e-003	-5.99e-002	1.28e-002	0.10	-0.24	-13.49
	436	8.52e-004	-8.86e-002	6.96e-003	2.51e-003	-0.27	-13.50
	437	-1.14e-003	-8.87e-002	4.43e-003	2.92e-003	-9.11e-002	-13.48
	427	7.23e-004	-6.00e-002	1.03e-002	7.64e-002	-0.14	-13.47
236	425	-9.51e-003	-6.93e-002	9.06e-003	0.38	-0.60	-13.44
	435	-1.20e-002	-0.11	-2.18e-003	0.12	-0.75	-13.52
	436	-3.45e-004	-0.11	5.26e-004	9.29e-002	-0.26	-13.54
	426	2.16e-003	-6.85e-002	1.18e-002	0.16	-0.36	-13.46
237	424	3.10e-002	-8.70e-002	1.54e-002	0.88	-1.16	-12.95
	434	2.91e-002	-0.12	-1.23e-002	0.55	-2.86	-13.12
	435	-1.28e-002	-0.12	-3.84e-003	0.45	-0.19	-13.66
	425	-1.08e-002	-8.98e-002	2.39e-002	0.51	-1.21	-13.49
238	403	-6.69e-003	-9.38e-002	-4.90e-002	9.11	-0.25	-9.72
	413	-5.45e-003	-7.47e-002	-4.23e-002	-8.14	-10.38	-9.52
	434	3.20e-002	-7.22e-002	-2.32e-002	1.43	2.67	-12.29
	424	3.07e-002	-9.14e-002	-2.99e-002	0.97	-2.98	-12.50
239	422	-7.89e-002	0.11	-4.56e-002	58.82	-36.06	-9.50
	432	-8.56e-002	1.10e-002	3.21e-002	56.63	-17.46	11.75
	433	4.78e-002	1.97e-002	-0.11	83.84	85.99	19.67
	423	5.46e-002	0.12	-0.19	125.90	97.78	-1.58
240	421	-3.55e-003	3.99e-002	-3.12e-002	21.54	-5.13	-17.37
	431	-5.41e-003	1.13e-002	4.93e-003	21.52	-5.68	-3.51
	432	-8.59e-002	6.03e-003	6.98e-002	44.10	8.18	2.70
	422	-8.41e-002	3.46e-002	3.37e-002	51.68	0.53	-11.16
241	420	-3.08e-006	-4.24e-003	2.98e-002	5.66	-0.73	-14.92
	430	-4.16e-004	-1.06e-002	2.00e-002	6.04	-0.69	-11.28
	431	-6.85e-003	-1.10e-002	-7.50e-003	10.99	-2.36	-9.66
	421	-6.44e-003	-4.66e-003	2.27e-003	13.89	-4.13	-13.30
242	419	1.30e-003	-9.86e-003	1.26e-002	1.36	-0.21	-13.98
	429	6.73e-004	-1.95e-002	1.19e-002	1.55	-1.74e-002	-13.07
	430	-9.99e-004	-1.96e-002	2.18e-002	2.62	-1.51	-12.80
	420	-3.76e-004	-9.97e-003	2.25e-002	3.49	-1.60	-13.71
243	418	8.42e-004	-1.68e-002	1.84e-002	0.30	-8.95e-002	-13.65
	428	-2.59e-004	-3.37e-002	1.69e-002	0.37	-2.51e-003	-13.44
	429	-2.55e-004	-3.37e-002	1.25e-002	0.59	-0.57	-13.43
	419	8.46e-004	-1.68e-002	1.41e-002	0.81	-0.48	-13.65
244	417	4.34e-004	-2.29e-002	1.40e-002	5.55e-002	-8.68e-002	-13.53
	427	-1.06e-003	-4.58e-002	1.24e-002	0.11	-6.95e-002	-13.49
	428	-1.05e-003	-4.58e-002	1.69e-002	0.13	-0.20	-13.52
	418	4.47e-004	-2.29e-002	1.85e-002	0.18	-0.15	-13.56
245	416	1.77e-003	-2.96e-002	2.28e-002	5.26e-002	-0.22	-13.42
	426	-2.02e-004	-6.01e-002	2.22e-002	0.16	-0.22	-13.44
	427	-1.99e-003	-6.02e-002	1.18e-002	5.68e-002	-0.14	-13.50
	417	-1.36e-005	-2.98e-002	1.24e-002	8.07e-002	-7.99e-002	-13.48
246	415	8.06e-003	-3.47e-002	7.78e-004	0.35	-0.59	-13.17
	425	5.87e-003	-6.83e-002	-8.19e-003	0.64	-0.53	-13.33

	426	-7.63e-004	-6.87e-002	2.11e-002	0.19	-0.36	-13.45
	416	1.42e-003	-3.51e-002	3.01e-002	0.26	-0.17	-13.30
247	414	8.90e-002	-7.20e-002	3.35e-002	1.82	-0.89	-12.50
	424	8.83e-002	-8.33e-002	7.65e-002	2.35	-0.65	-13.12
	425	4.54e-003	-8.88e-002	6.63e-003	0.74	-1.33	-13.42
	415	5.27e-003	-7.75e-002	-3.64e-002	1.06	-0.74	-12.79
248	393	-1.66e-002	-0.16	-0.20	11.09	4.35	-10.74
	403	-1.21e-002	-9.41e-002	-0.12	-3.13	0.87	-11.45
	424	8.80e-002	-8.76e-002	3.12e-002	1.76	-2.66	-12.46
	414	8.35e-002	-0.16	-4.71e-002	2.83	-3.90	-11.76
249	383	8.58e-002	5.58e-003	0.50	22.04	-14.42	-56.52
	422	9.36e-002	0.13	2.82e-002	62.21	-39.72	-16.29
	423	6.92e-002	0.12	-0.38	93.05	90.00	9.91
	193	6.13e-002	3.99e-003	8.97e-002	152.10	33.90	-30.31
250	221	1.49e-003	9.68e-005	-4.60e-003	4.57	-1.87	-24.97
	421	4.11e-003	4.04e-002	-4.07e-002	17.50	-3.20	-18.41
	422	8.84e-002	4.58e-002	0.11	34.96	-3.29	-25.45
	383	8.58e-002	5.58e-003	0.14	11.68	1.63	-32.01
251	380	-1.21e-003	-7.88e-005	3.79e-002	1.38	-0.43	-16.88
	420	-1.49e-003	-4.34e-003	3.55e-002	4.68	-0.35	-15.00
	421	1.21e-003	-4.16e-003	-7.25e-003	12.67	-4.25	-18.98
	221	1.49e-003	9.68e-005	-4.78e-003	0.11	-0.34	-20.86
252	220	5.28e-004	3.43e-005	1.32e-002	0.37	-0.10	-14.43
	419	-1.21e-004	-9.95e-003	1.33e-002	1.13	-0.12	-13.97
	420	-1.86e-003	-1.01e-002	2.82e-002	3.67	-1.47	-15.28
	380	-1.21e-003	-7.88e-005	2.80e-002	-0.56	-0.21	-15.74
253	379	6.58e-004	4.28e-005	2.26e-002	8.51e-002	-2.77e-002	-13.75
	418	-4.42e-004	-1.69e-002	2.13e-002	0.26	-6.50e-002	-13.64
	419	-5.71e-004	-1.69e-002	1.48e-002	0.97	-0.41	-14.03
	220	5.28e-004	3.43e-005	1.61e-002	-0.23	-6.93e-002	-14.14
254	219	7.49e-004	4.87e-005	1.59e-002	-9.97e-003	-1.68e-002	-13.53
	417	-7.45e-004	-2.29e-002	1.46e-002	0.10	-6.57e-002	-13.51
	418	-8.36e-004	-2.29e-002	2.13e-002	0.24	-0.11	-13.65
	379	6.58e-004	4.28e-005	2.26e-002	-6.93e-002	-2.22e-002	-13.67
255	376	2.47e-003	1.61e-004	2.84e-002	-8.81e-002	-3.46e-002	-13.32
	416	5.30e-004	-2.97e-002	2.85e-002	0.21	-0.17	-13.33
	417	-1.19e-003	-2.98e-002	1.31e-002	8.55e-002	-5.64e-002	-13.49
	219	7.49e-004	4.87e-005	1.30e-002	-3.07e-004	-1.44e-002	-13.48
256	218	-1.44e-003	-9.39e-005	-6.24e-003	-0.17	-8.19e-002	-12.77
	415	-3.74e-003	-3.54e-002	-8.92e-003	0.74	-0.47	-12.85
	416	1.75e-004	-3.52e-002	3.58e-002	0.19	-0.11	-13.29
	376	2.47e-003	1.61e-004	3.85e-002	7.85e-002	-3.92e-002	-13.20
257	375	-9.31e-002	-6.05e-003	0.15	0.18	-6.79e-002	-11.37
	414	-0.10	-8.42e-002	0.11	2.17	-0.75	-11.72
	415	-6.52e-003	-7.82e-002	-4.61e-002	0.77	-0.52	-12.71
	218	-1.44e-003	-9.39e-005	-5.48e-003	0.30	-0.16	-12.36
258	190	-1.08e-002	-7.03e-004	0.11	14.13	2.21	-9.39
	393	-2.14e-002	-0.16	-0.40	0.50	4.05	-11.89
	414	-0.10	-0.17	2.57e-002	2.99	-3.33	-11.35
	375	-9.31e-002	-6.05e-003	0.53	1.63	-1.36	-8.85
259	402	-2.72e-002	6.40e-002	-2.68e-002	4.23	14.55	-21.16
	412	-2.91e-002	3.52e-002	-2.06e-002	-1.15	9.67	-20.73
	413	1.82e-003	3.72e-002	-3.98e-002	10.55	45.24	-11.34
	403	3.69e-003	6.60e-002	-4.60e-002	-2.91	27.11	-11.77
260	401	8.53e-003	6.40e-002	2.40e-002	2.00	4.72	-28.64
	411	9.18e-003	7.41e-002	-1.27e-003	-0.19	3.79	-28.25
	412	-2.67e-002	7.17e-002	-1.20e-002	-0.65	16.74	-23.85

	402	-2.74e-002	6.17e-002	1.32e-002	4.98	10.35	-24.24
261	400	-2.76e-003	3.62e-002	1.51e-002	0.85	1.56	-31.00
	410	-1.32e-003	5.84e-002	3.92e-003	-1.14e-002	1.25	-30.78
	411	8.21e-003	5.90e-002	1.96e-003	-0.32	5.85	-29.12
	401	6.76e-003	3.68e-002	1.31e-002	2.33	3.53	-29.34
262	399	3.85e-004	2.38e-002	1.62e-002	0.31	0.44	-31.82
	409	1.07e-003	3.43e-002	6.37e-003	1.02e-002	0.30	-31.71
	410	-2.90e-003	3.40e-002	8.19e-003	-0.11	2.02	-31.11
	400	-3.58e-003	2.35e-002	1.81e-002	0.94	1.15	-31.22
263	398	5.85e-004	4.91e-003	1.81e-002	6.42e-002	-8.57e-002	-32.04
	408	7.99e-004	8.21e-003	5.64e-003	8.26e-003	-0.22	-31.99
	409	-6.32e-004	8.12e-003	4.30e-003	-3.68e-002	0.61	-31.83
	399	-8.47e-004	4.81e-003	1.68e-002	0.34	0.28	-31.87
264	397	8.68e-004	-1.13e-002	1.70e-002	9.58e-004	-0.70	-31.96
	407	4.47e-004	-1.78e-002	4.57e-003	3.16e-003	-0.88	-31.96
	408	-8.95e-004	-1.79e-002	5.63e-003	2.39e-003	-8.05e-002	-32.00
	398	-4.74e-004	-1.14e-002	1.81e-002	0.10	-0.19	-32.01
265	396	3.24e-003	-2.98e-002	1.76e-002	0.33	-2.07	-31.67
	406	2.34e-003	-4.38e-002	7.32e-003	5.55e-002	-2.33	-31.78
	407	-1.26e-003	-4.40e-002	6.56e-003	8.62e-002	-0.88	-31.93
	397	-3.51e-004	-3.01e-002	1.68e-002	0.10	-0.90	-31.82
266	395	-6.33e-003	-4.28e-002	1.66e-002	1.65	-5.35	-31.04
	405	-8.09e-003	-7.00e-002	4.99e-003	0.74	-6.17	-31.55
	406	6.69e-004	-6.95e-002	3.31e-003	0.44	-2.50	-31.88
	396	2.44e-003	-4.23e-002	1.50e-002	0.65	-2.81	-31.37
267	394	1.80e-002	-6.58e-002	1.18e-002	2.85	-12.41	-28.20
	404	1.66e-002	-8.73e-002	-1.47e-002	4.10	-19.56	-29.34
	405	-9.32e-003	-8.89e-002	2.81e-003	1.80	-4.85	-32.07
	395	-7.93e-003	-6.75e-002	2.94e-002	2.56	-8.33	-30.93
268	353	5.68e-002	-8.15e-002	-2.56e-002	37.82	-21.76	-10.18
	363	5.96e-002	-3.76e-002	-6.68e-002	-23.54	-67.56	-12.02
	404	1.97e-002	-4.02e-002	-6.50e-002	6.37	1.80	-26.39
	394	1.68e-002	-8.41e-002	-2.37e-002	6.35	-20.52	-24.56
269	392	-8.70e-002	0.15	-3.89e-002	2.73	7.12	-22.33
	402	-9.29e-002	5.97e-002	3.53e-002	4.69	12.10	-21.84
	403	-1.73e-003	6.56e-002	-0.12	7.05	23.26	-12.90
	393	4.24e-003	0.16	-0.19	3.30	15.75	-13.39
270	391	-1.46e-003	7.12e-002	-2.21e-002	1.43	2.25	-29.56
	401	-1.97e-003	6.33e-002	7.87e-003	2.40	4.22	-28.83
	402	-9.31e-002	5.74e-002	7.53e-002	0.65	8.17	-25.22
	392	-9.26e-002	6.53e-002	4.53e-002	6.08	5.53	-25.94
271	390	-1.42e-003	1.94e-002	3.88e-002	0.65	0.65	-31.43
	400	-3.23e-004	3.63e-002	2.69e-002	1.03	1.38	-31.07
	401	-3.74e-003	3.61e-002	-2.96e-003	0.67	2.76	-29.88
	391	-4.84e-003	1.92e-002	8.94e-003	2.38	1.96	-30.24
272	389	7.55e-004	1.20e-002	2.01e-002	0.24	0.15	-32.02
	399	1.52e-003	2.38e-002	1.89e-002	0.41	0.39	-31.85
	400	-1.15e-003	2.37e-002	2.99e-002	0.36	0.89	-31.47
	390	-1.91e-003	1.18e-002	3.11e-002	0.93	0.64	-31.64
273	388	3.08e-004	2.40e-003	2.67e-002	2.45e-002	-0.11	-32.12
	398	4.71e-004	4.90e-003	2.43e-002	0.16	-7.10e-002	-32.04
	399	2.92e-004	4.89e-003	1.95e-002	0.13	0.20	-31.98
	389	1.29e-004	2.39e-003	2.19e-002	0.34	0.15	-32.06
274	387	6.59e-006	-5.59e-003	2.22e-002	-7.39e-002	-0.49	-31.90
	397	-3.69e-004	-1.14e-002	1.99e-002	0.17	-0.62	-31.90
	398	-5.88e-004	-1.14e-002	2.42e-002	1.52e-002	-0.20	-32.06
	388	-2.12e-004	-5.61e-003	2.66e-002	0.14	-0.11	-32.06

275	386	1.64e-003	-1.49e-002	2.98e-002	0.18	-1.55	-31.15
	396	6.58e-004	-3.00e-002	2.88e-002	0.73	-1.87	-31.36
	397	-1.59e-003	-3.01e-002	1.97e-002	8.65e-002	-0.85	-31.86
	387	-6.11e-004	-1.51e-002	2.07e-002	0.25	-0.52	-31.65
276	385	3.91e-003	-2.11e-002	1.20e-002	2.01	-4.38	-29.17
	395	2.54e-003	-4.22e-002	1.80e-003	3.32	-4.74	-30.22
	396	-1.51e-004	-4.24e-002	2.61e-002	0.82	-2.77	-31.36
	386	1.22e-003	-2.13e-002	3.63e-002	1.29	-1.64	-30.31
277	384	9.48e-002	-6.01e-002	3.61e-002	8.70	-8.99	-23.89
	394	9.47e-002	-6.09e-002	6.91e-002	13.56	-9.12	-27.79
	395	9.32e-004	-6.70e-002	1.45e-002	3.79	-8.97	-30.66
	385	9.83e-004	-6.62e-002	-1.85e-002	5.67	-5.42	-26.76
278	343	4.97e-002	-0.15	-0.16	49.21	9.36	-8.24
	353	5.40e-002	-8.17e-002	-9.34e-002	-3.19	-13.90	-13.09
	394	9.35e-002	-7.92e-002	3.35e-002	10.64	-17.77	-23.97
	384	8.92e-002	-0.15	-2.86e-002	16.83	-22.48	-19.12
279	372	7.08e-002	4.60e-003	0.54	0.25	0.24	-25.28
	392	8.10e-002	0.16	4.80e-002	4.73	3.69	-22.43
	393	-5.55e-004	0.16	-0.39	7.59	12.84	-13.32
	190	-1.08e-002	-7.03e-004	0.10	7.73	3.66	-16.16
280	217	-1.98e-003	-1.29e-004	-1.58e-003	-0.12	0.22	-29.81
	391	2.68e-003	7.15e-002	-3.35e-002	1.65	1.74	-29.50
	392	7.54e-002	7.62e-002	0.13	0.16	3.50	-26.50
	372	7.08e-002	4.60e-003	0.16	2.56	0.98	-26.81
281	371	-1.96e-003	-1.27e-004	5.08e-002	-1.30e-002	6.67e-002	-31.56
	390	-6.85e-004	1.95e-002	4.66e-002	0.70	0.49	-31.42
	391	-7.04e-004	1.95e-002	-2.42e-003	0.41	1.26	-30.44
	217	-1.98e-003	-1.29e-004	1.75e-003	0.81	0.34	-30.58
282	216	1.20e-005	7.78e-007	2.18e-002	-8.83e-003	7.51e-003	-32.09
	389	7.93e-004	1.20e-002	2.14e-002	0.29	0.11	-32.02
	390	-1.18e-003	1.19e-002	3.89e-002	0.25	0.41	-31.74
	371	-1.96e-003	-1.27e-004	3.93e-002	0.29	0.12	-31.81
283	368	3.19e-005	2.07e-006	3.23e-002	-5.96e-002	-2.40e-002	-32.13
	388	1.87e-004	2.39e-003	3.07e-002	0.16	-7.02e-002	-32.10
	389	1.67e-004	2.39e-003	2.32e-002	0.11	8.74e-002	-32.11
	216	1.20e-005	7.78e-007	2.48e-002	0.11	3.30e-002	-32.14
284	215	1.13e-004	7.36e-006	2.52e-002	-0.20	-8.05e-002	-31.79
	387	-2.52e-004	-5.61e-003	2.36e-002	0.31	-0.35	-31.80
	388	-3.33e-004	-5.61e-003	3.06e-002	2.75e-002	-0.10	-32.09
	368	3.19e-005	2.07e-006	3.22e-002	7.23e-002	-1.30e-002	-32.08
285	367	1.82e-003	1.18e-004	3.78e-002	-0.54	-0.23	-30.55
	386	8.36e-004	-1.50e-002	3.74e-002	1.20	-1.17	-30.68
	387	-8.69e-004	-1.51e-002	2.21e-002	0.10	-0.39	-31.68
	215	1.13e-004	7.36e-006	2.24e-002	0.17	-8.86e-002	-31.54
286	214	-4.38e-005	-2.85e-006	3.86e-003	-0.99	-0.57	-26.69
	385	-1.44e-003	-2.14e-002	6.64e-005	4.36	-3.46	-27.32
	386	4.25e-004	-2.13e-002	4.39e-002	0.80	-1.18	-30.34
	367	1.82e-003	1.18e-004	4.77e-002	0.60	-0.34	-29.71
287	364	-6.22e-002	-4.04e-003	0.15	0.79	-0.68	-16.38
	384	-6.65e-002	-7.06e-002	0.12	14.09	-7.01	-19.01
	385	-4.37e-003	-6.65e-002	-3.04e-002	4.12	-4.09	-26.50
	214	-4.38e-005	-2.85e-006	2.87e-003	2.10	-1.27	-23.86
288	187	7.79e-002	5.06e-003	0.12	65.23	10.11	1.91
	343	6.80e-002	-0.15	-0.32	11.21	12.18	-12.04
	384	-7.21e-002	-0.16	5.04e-002	17.44	-18.90	-16.15
	364	-6.22e-002	-4.04e-003	0.50	9.11	-8.28	-2.21
329	352	-2.59e-002	5.81e-002	-2.86e-002	9.27	-0.77	-2.82

	362	-2.89e-002	1.25e-002	-2.68e-002	3.18	8.40	-0.46
	363	6.33e-002	1.85e-002	-2.68e-002	-1.40	2.72	0.83
	353	6.62e-002	6.41e-002	-2.86e-002	23.53	12.41	-1.53
330	351	8.72e-003	5.80e-002	1.55e-002	3.34	-0.96	-7.11
	361	9.36e-003	6.79e-002	-2.61e-003	0.52	-0.72	-5.92
	362	-2.54e-002	6.56e-002	-1.56e-002	0.97	3.58	-3.01
	352	-2.61e-002	5.58e-002	2.56e-003	7.91	1.06	-4.20
331	350	-1.47e-003	4.31e-002	4.81e-003	0.97	-0.17	-8.77
	360	1.59e-004	6.83e-002	-1.66e-003	3.36e-003	-0.77	-8.36
	361	9.42e-003	6.89e-002	-2.87e-003	-0.14	1.41	-7.09
	351	7.79e-003	4.37e-002	3.60e-003	2.82	-0.41	-7.50
332	349	-7.54e-004	4.06e-002	3.99e-003	0.22	-2.23e-002	-9.10
	359	4.96e-004	5.98e-002	2.51e-003	-2.75e-002	-0.30	-9.00
	360	-3.94e-004	5.97e-002	4.40e-003	-0.12	0.36	-8.64
	350	-1.64e-003	4.05e-002	5.89e-003	0.71	-0.27	-8.73
333	348	-3.20e-004	3.35e-002	5.97e-003	1.87e-002	-1.96e-002	-9.14
	358	8.12e-004	5.09e-002	2.04e-003	-5.30e-003	-0.13	-9.11
	359	-8.73e-005	5.08e-002	5.51e-004	-3.64e-002	6.74e-002	-9.05
	349	-1.22e-003	3.34e-002	4.48e-003	0.14	-0.11	-9.07
334	347	2.39e-004	2.81e-002	4.36e-003	-9.20e-002	-7.01e-002	-9.07
	357	1.12e-003	4.16e-002	4.56e-004	1.73e-002	-0.20	-9.06
	358	2.07e-004	4.16e-002	2.07e-003	2.27e-003	9.04e-003	-9.11
	348	-6.71e-004	2.81e-002	5.97e-003	-5.01e-003	-6.74e-002	-9.12
335	346	3.87e-004	2.10e-002	6.22e-003	-0.33	-0.26	-8.84
	356	1.15e-003	3.27e-002	4.79e-003	5.95e-002	-0.60	-8.80
	357	5.34e-004	3.27e-002	2.39e-003	3.43e-002	-4.45e-003	-9.02
	347	-2.28e-004	2.10e-002	3.82e-003	-0.10	-0.12	-9.06
336	345	-1.09e-002	1.78e-002	3.40e-003	-1.05	-0.98	-8.12
	355	-1.05e-002	2.36e-002	-4.29e-003	0.14	-1.92	-7.99
	356	6.01e-004	2.43e-002	-1.76e-003	0.10	-8.22e-002	-8.66
	346	2.25e-004	1.85e-002	5.93e-003	-0.33	-0.34	-8.79
337	344	2.58e-002	8.08e-003	1.02e-002	-2.64	-3.72	-6.13
	354	2.69e-002	2.40e-002	-1.33e-002	7.21e-002	-5.84	-5.78
	355	-1.06e-002	2.16e-002	-5.49e-003	0.22	-0.67	-7.51
	345	-1.17e-002	5.64e-003	1.80e-002	-0.90	-1.02	-7.87
338	323	-7.21e-003	3.06e-003	-4.63e-002	-2.74	-12.31	-1.72
	333	-2.62e-003	7.37e-002	-4.25e-002	-1.82	-15.66	-1.25
	354	3.02e-002	7.59e-002	-2.70e-002	0.48	-3.89	-4.47
	344	2.56e-002	5.20e-003	-3.08e-002	-1.87	-3.69	-4.94
339	342	-7.05e-002	0.12	-4.95e-002	13.22	-10.84	-9.06
	352	-7.47e-002	5.49e-002	2.45e-002	12.00	-2.28	-3.78
	353	6.35e-002	6.39e-002	-0.10	9.16	13.87	-2.09
	343	6.77e-002	0.13	-0.17	39.82	22.53	-7.36
340	341	-5.49e-003	5.69e-002	-3.58e-002	4.55	-0.98	-10.27
	351	-5.48e-003	5.71e-002	-1.07e-004	4.22	-1.42	-7.47
	352	-7.49e-002	5.26e-002	5.57e-002	8.01	0.59	-6.14
	342	-7.49e-002	5.24e-002	2.00e-002	11.79	-1.14	-8.94
341	340	-7.50e-004	2.24e-002	1.86e-002	1.08	-5.72e-002	-9.50
	350	6.08e-004	4.33e-002	1.11e-002	1.08	-0.17	-8.86
	351	-6.41e-003	4.28e-002	-1.20e-002	1.96	-0.84	-8.60
	341	-7.76e-003	2.19e-002	-4.56e-003	2.57	-1.22	-9.23
342	339	4.38e-005	2.00e-002	4.25e-003	0.22	-9.19e-003	-9.26
	349	1.39e-003	4.07e-002	4.05e-003	0.25	-6.13e-003	-9.12
	350	4.38e-004	4.07e-002	1.22e-002	0.42	-0.40	-9.10
	340	-9.05e-004	2.00e-002	1.24e-002	0.55	-0.42	-9.24
343	338	-4.21e-004	1.67e-002	9.03e-003	1.43e-002	-1.21e-002	-9.19
	348	6.70e-004	3.35e-002	8.16e-003	4.45e-002	-4.89e-003	-9.15

	349	9.22e-004	3.36e-002	4.54e-003	6.89e-002	-0.14	-9.17
	339	-1.70e-004	1.68e-002	5.41e-003	0.10	-0.12	-9.20
344	337	-8.56e-004	1.40e-002	5.30e-003	-9.15e-002	-2.99e-002	-9.13
	347	6.27e-005	2.81e-002	4.39e-003	-1.27e-002	-3.83e-002	-9.11
	348	3.19e-004	2.81e-002	8.16e-003	-2.24e-002	-7.15e-002	-9.15
	338	-6.00e-004	1.40e-002	9.07e-003	-8.63e-003	-4.14e-002	-9.17
345	336	7.52e-005	1.08e-002	1.28e-002	-0.33	-0.10	-9.01
	346	7.39e-004	2.10e-002	1.27e-002	-7.78e-002	-0.16	-8.95
	347	-4.04e-004	2.09e-002	3.85e-003	-0.11	-0.12	-9.07
	337	-1.07e-003	1.07e-002	4.03e-003	-8.24e-002	-5.40e-002	-9.12
346	335	7.55e-003	9.19e-003	-6.17e-003	-1.10	-0.40	-8.57
	345	8.18e-003	1.90e-002	-1.27e-002	-0.26	-0.68	-8.40
	346	5.78e-004	1.85e-002	1.24e-002	-0.37	-0.32	-8.81
	336	-6.08e-005	8.70e-003	1.89e-002	-0.28	-0.17	-8.98
347	334	7.76e-002	-2.02e-002	1.94e-002	-3.64	-1.78	-7.06
	344	7.97e-002	1.16e-002	6.25e-002	-0.79	-2.92	-6.49
	345	7.39e-003	6.88e-003	1.84e-003	-1.09	-0.86	-7.93
	335	5.33e-003	-2.49e-002	-4.13e-002	-0.91	-0.51	-8.49
348	313	-2.69e-002	-0.10	-0.18	-5.98	-8.91	-1.97
	323	-2.00e-002	2.23e-003	-0.11	-2.43	-11.06	-1.25
	344	7.95e-002	8.70e-003	2.16e-002	-2.46	-2.87	-5.05
	334	7.26e-002	-0.10	-5.17e-002	-2.07	-0.79	-5.78
349	302	8.17e-002	5.31e-003	0.42	7.24	-4.83	-23.19
	342	8.98e-002	0.13	1.07e-002	15.46	-11.55	-10.46
	343	8.61e-002	0.13	-0.34	20.37	21.35	-4.96
	187	7.79e-002	5.06e-003	7.44e-002	55.01	9.95	-17.69
350	213	2.15e-003	1.39e-004	-9.29e-003	0.98	-0.36	-11.81
	341	5.88e-003	5.76e-002	-4.43e-002	3.67	-0.51	-10.50
	342	8.54e-002	6.28e-002	8.03e-002	8.10	-1.76	-12.70
	302	8.17e-002	5.31e-003	0.12	1.61	6.12e-002	-14.01
351	301	-1.96e-003	-1.28e-004	2.37e-002	0.27	-7.20e-002	-9.88
	340	-5.01e-004	2.24e-002	2.24e-002	0.90	1.74e-002	-9.53
	341	3.61e-003	2.26e-002	-1.31e-002	2.67	-1.15	-10.51
	213	2.15e-003	1.39e-004	-1.18e-002	-0.25	-0.15	-10.86
352	212	-5.96e-004	-3.87e-005	3.27e-003	6.11e-002	-1.37e-002	-9.34
	339	7.12e-004	2.01e-002	4.10e-003	0.19	7.23e-003	-9.27
	340	-6.56e-004	2.00e-002	1.62e-002	0.69	-0.36	-9.56
	301	-1.96e-003	-1.28e-004	1.54e-002	-0.19	-6.27e-002	-9.64
353	298	-4.92e-004	-3.20e-005	1.11e-002	8.10e-003	-4.49e-003	-9.21
	338	6.02e-004	1.68e-002	1.06e-002	2.57e-002	-5.27e-003	-9.19
	339	4.99e-004	1.68e-002	5.26e-003	0.16	-0.10	-9.27
	212	-5.96e-004	-3.87e-005	5.83e-003	-6.55e-002	-1.85e-002	-9.29
354	211	-4.15e-004	-2.69e-005	5.68e-003	-2.00e-002	-6.66e-003	-9.16
	337	5.01e-004	1.41e-002	5.14e-003	-2.61e-002	-1.45e-002	-9.15
	338	4.24e-004	1.41e-002	1.06e-002	1.19e-002	-3.19e-002	-9.18
	298	-4.92e-004	-3.20e-005	1.11e-002	-2.13e-002	-5.29e-003	-9.19
355	297	8.49e-004	5.52e-005	1.58e-002	-8.80e-002	-2.22e-002	-9.09
	336	1.55e-003	1.09e-002	1.67e-002	-9.40e-002	-4.70e-002	-9.07
	337	2.89e-004	1.08e-002	3.86e-003	-7.52e-002	-4.35e-002	-9.12
	211	-4.15e-004	-2.69e-005	3.01e-003	-1.33e-002	-3.02e-003	-9.15
356	210	-4.41e-003	-2.87e-004	-1.32e-002	-0.36	-8.64e-002	-8.86
	335	-3.84e-003	8.45e-003	-1.50e-002	-0.25	-0.19	-8.78
	336	1.42e-003	8.80e-003	2.27e-002	-0.28	-0.14	-8.98
	297	8.49e-004	5.52e-005	2.45e-002	-2.47e-002	-6.10e-003	-9.06
357	294	-9.19e-002	-5.97e-003	0.12	-1.45	-0.35	-7.82
	334	-9.36e-002	-3.13e-002	7.99e-002	-0.35	-0.95	-7.61
	335	-6.06e-003	-2.56e-002	-5.01e-002	-0.88	-0.45	-8.50

	210	-4.41e-003	-2.87e-004	-1.00e-002	-3.75e-002	-2.45e-002		-8.71
358	181	-3.91e-002	-2.54e-003	0.10	-8.93	-2.39		-3.58
	313	-4.58e-002	-0.10	-0.36	-4.14	-7.39		-1.39
	334	-0.10	-0.11	8.84e-003	-3.11	0.27		-5.91
	294	-9.19e-002	-5.97e-003	0.46	-0.73	0.37		-8.10
359	322	-2.85e-002	0.14	5.97e-003	-2.20	-4.52		3.24
	332	-2.66e-002	0.17	2.02e-003	-4.65e-002	-5.17		3.07
	333	3.50e-003	0.17	-3.05e-002	-0.45	-14.04		0.35
	323	1.52e-003	0.14	-2.65e-002	-3.40	-11.40		0.52
360	321	9.07e-003	0.11	4.89e-002	-1.10	-1.31		5.87
	331	1.18e-002	0.15	5.45e-003	-7.28e-002	-1.32		5.60
	332	-2.75e-002	0.15	2.41e-003	-0.10	-5.69		3.97
	322	-3.02e-002	0.11	4.58e-002	-2.45	-3.75		4.25
361	320	-1.50e-003	6.15e-002	4.21e-002	-0.44	-0.42		6.89
	330	7.87e-004	0.10	1.18e-002	-2.37e-002	-0.31		6.75
	331	8.05e-003	0.10	8.00e-003	6.22e-002	-2.06		6.04
	321	5.76e-003	6.20e-002	3.83e-002	-1.18	-1.13		6.19
362	319	1.35e-003	2.35e-002	4.13e-002	-0.16	-7.82e-002		7.22
	329	2.02e-003	3.39e-002	1.35e-002	-2.74e-003	-1.71e-002		7.17
	330	-3.32e-003	3.35e-002	1.61e-002	4.30e-002	-0.68		6.91
	320	-3.99e-003	2.32e-002	4.39e-002	-0.45	-0.32		6.96
363	318	2.05e-003	-2.06e-002	4.36e-002	-0.13	0.16		7.32
	328	1.42e-003	-3.03e-002	1.34e-002	1.50e-002	0.16		7.32
	329	-2.16e-003	-3.05e-002	1.17e-002	1.22e-002	-0.14		7.22
	319	-1.54e-003	-2.09e-002	4.18e-002	-0.18	-2.81e-002		7.22
364	317	2.90e-003	-6.23e-002	4.19e-002	-0.42	0.57		7.43
	327	8.06e-004	-9.45e-002	1.18e-002	5.63e-002	0.38		7.49
	328	-2.77e-003	-9.47e-002	1.34e-002	-2.23e-002	0.22		7.35
	318	-6.76e-004	-6.26e-002	4.36e-002	-0.17	0.19		7.28
365	316	6.13e-003	-0.11	4.33e-002	-1.72	1.49		7.89
	326	2.74e-003	-0.16	1.57e-002	8.55e-002	0.70		8.18
	327	-3.38e-003	-0.16	1.37e-002	-0.13	0.83		7.61
	317	1.77e-005	-0.11	4.13e-002	-0.56	0.65		7.32
366	315	-9.79e-004	-0.15	3.61e-002	-5.63	3.19		9.49
	325	-5.80e-003	-0.22	8.36e-003	-0.61	1.30		10.53
	326	-1.27e-003	-0.22	1.20e-002	-0.62	2.03		8.77
	316	3.55e-003	-0.15	3.97e-002	-2.11	2.05		7.74
367	314	3.21e-002	-0.20	3.17e-002	-11.24	4.48		12.23
	324	2.79e-002	-0.27	-3.25e-003	-4.77	6.71		14.36
	325	-8.86e-003	-0.27	6.28e-003	-2.45	2.08		12.46
	315	-4.61e-003	-0.20	4.12e-002	-6.48	6.16		10.32
368	277	-9.33e-002	-0.23	-1.05e-002	-56.37	-3.53		4.12
	283	-0.10	-0.28	-3.60e-004	32.38	38.54		5.55
	324	2.74e-002	-0.27	1.39e-002	-7.15	-17.01		12.63
	314	3.05e-002	-0.23	3.76e-003	-14.73	9.38		11.20
369	312	-7.78e-002	0.17	6.51e-003	-2.59	-1.20		4.04
	322	-8.05e-002	0.13	7.14e-002	-2.87	-3.80		3.54
	323	-1.13e-002	0.14	-9.09e-002	-1.31	-10.23		0.18
	313	-8.54e-003	0.18	-0.16	-6.74	-8.70		0.68
370	311	-1.79e-003	8.88e-002	1.23e-002	-1.14	-0.54		6.64
	321	-2.61e-004	0.11	4.10e-002	-1.39	-1.03		5.98
	322	-8.22e-002	0.11	0.11	-1.45	-3.09		4.58
	312	-8.37e-002	8.35e-002	8.26e-002	-3.53	-1.84		5.23
371	310	-9.89e-004	3.20e-002	7.33e-002	-0.40	-0.14		7.17
	320	9.38e-004	6.16e-002	6.04e-002	-0.53	-0.35		6.92
	321	-3.57e-003	6.14e-002	3.04e-002	-0.58	-0.84		6.49
	311	-5.50e-003	3.17e-002	4.33e-002	-1.26	-0.50		6.74

372	309	1.30e-003	1.17e-002	5.52e-002	-0.14	6.05e-003	7.30
	319	2.07e-003	2.36e-002	5.12e-002	-0.21	-6.22e-002	7.22
	320	-1.55e-003	2.33e-002	6.21e-002	-0.22	-0.22	7.10
	310	-2.32e-003	1.15e-002	6.62e-002	-0.44	-0.14	7.19
373	308	1.36e-003	-1.03e-002	6.17e-002	-8.46e-002	0.14	7.28
	318	6.83e-004	-2.07e-002	5.66e-002	-0.15	0.16	7.27
	319	-8.16e-004	-2.08e-002	5.18e-002	-0.10	1.09e-003	7.28
	309	-1.39e-004	-1.04e-002	5.69e-002	-0.18	6.86e-003	7.28
374	307	1.52e-003	-3.11e-002	5.71e-002	-0.30	0.47	7.09
	317	-5.25e-004	-6.26e-002	5.20e-002	-0.39	0.57	7.20
	318	-2.04e-003	-6.27e-002	5.66e-002	-0.16	0.19	7.31
	308	7.12e-007	-3.12e-002	6.17e-002	-0.20	0.15	7.19
375	306	3.88e-003	-5.33e-002	6.57e-002	-1.46	1.44	6.59
	316	4.21e-004	-0.11	6.13e-002	-1.53	1.56	7.11
	317	-3.40e-003	-0.11	5.13e-002	-0.65	0.65	7.32
	307	5.95e-005	-5.36e-002	5.56e-002	-0.69	0.49	6.80
376	305	7.91e-003	-7.48e-002	4.61e-002	-6.17	4.01	5.56
	315	3.28e-003	-0.15	3.05e-002	-5.78	3.36	7.56
	316	-2.16e-003	-0.15	5.77e-002	-2.58	2.21	7.62
	306	2.46e-003	-7.52e-002	7.33e-002	-2.79	1.44	5.62
377	304	7.59e-002	-0.14	8.41e-002	-22.14	6.27	3.59
	314	7.20e-002	-0.20	0.10	-20.94	2.60	10.43
	315	-3.52e-004	-0.20	3.56e-002	-8.92	7.76	9.63
	305	3.61e-003	-0.14	2.29e-002	-10.59	4.98	2.79
378	271	-9.10e-002	-0.23	-0.13	-88.11	-38.41	-2.64
	277	-9.12e-002	-0.23	-7.19e-002	1.55	-9.83	5.82
	314	7.03e-002	-0.22	6.89e-002	-22.65	8.81	9.52
	304	7.06e-002	-0.22	6.77e-003	-29.64	26.19	1.05
379	292	7.14e-002	4.64e-003	0.55	-0.84	0.60	6.73
	312	8.32e-002	0.18	8.43e-002	-3.57	-8.07e-002	4.34
	313	-2.74e-002	0.18	-0.33	-3.16	-7.30	0.13
	181	-3.91e-002	-2.54e-003	0.13	-10.07	-2.65	2.52
380	209	-1.49e-003	-9.70e-005	4.13e-002	-0.11	4.70e-003	6.99
	311	4.31e-003	8.92e-002	7.67e-003	-1.10	-0.43	6.65
	312	7.72e-002	9.39e-002	0.16	-1.14	-1.05	5.87
	292	7.14e-002	4.64e-003	0.19	-1.31	-0.40	6.21
381	291	-2.05e-003	-1.33e-004	9.05e-002	-4.01e-002	9.79e-004	7.28
	310	4.30e-005	3.21e-002	8.47e-002	-0.39	-0.12	7.17
	311	6.00e-004	3.21e-002	3.87e-002	-0.53	-0.26	6.99
	209	-1.49e-003	-9.70e-005	4.45e-002	-0.31	-0.10	7.10
382	208	2.21e-004	1.43e-005	6.41e-002	1.38e-003	8.23e-003	7.33
	309	9.80e-004	1.17e-002	6.12e-002	-0.17	2.05e-003	7.29
	310	-1.29e-003	1.16e-002	7.76e-002	-0.21	-6.74e-002	7.27
	291	-2.05e-003	-1.33e-004	8.05e-002	-9.14e-002	-3.01e-002	7.31
383	288	6.65e-004	4.32e-005	7.40e-002	5.55e-002	2.36e-002	7.23
	308	-1.44e-005	-1.04e-002	7.01e-002	-0.19	0.10	7.23
	309	-4.58e-004	-1.04e-002	6.29e-002	-9.33e-002	1.74e-002	7.32
	208	2.21e-004	1.43e-005	6.68e-002	-4.45e-002	-1.36e-003	7.32
384	207	1.22e-003	7.93e-005	6.69e-002	0.18	6.84e-002	6.82
	307	-8.17e-004	-3.13e-002	6.30e-002	-0.58	0.36	6.88
	308	-1.37e-003	-3.13e-002	7.00e-002	-0.13	0.12	7.21
	288	6.65e-004	4.32e-005	7.40e-002	-7.64e-002	2.78e-002	7.15
385	287	3.59e-003	2.34e-004	8.02e-002	0.46	0.19	5.47
	306	9.89e-005	-5.36e-002	7.73e-002	-2.10	1.19	5.75
	307	-2.27e-003	-5.37e-002	6.16e-002	-0.50	0.36	6.83
	207	1.22e-003	7.93e-005	6.44e-002	-0.25	0.11	6.55
386	206	6.21e-003	4.03e-004	4.79e-002	0.54	0.43	1.32

	305	1.29e-003	-7.52e-002	4.18e-002	-7.16	3.55	2.44
	306	-1.32e-003	-7.54e-002	8.50e-002	-2.13	0.99	5.67
	287	3.59e-003	2.34e-004	9.12e-002	-0.87	0.39	4.56
387	284	-5.41e-002	-3.51e-003	0.20	-4.44	-0.22	-9.35
	304	-6.33e-002	-0.15	0.17	-22.06	6.05	-4.96
	305	-3.01e-003	-0.14	1.85e-002	-8.55	3.68	2.46
	206	6.21e-003	4.03e-004	4.30e-002	-3.02	1.58	-1.93
388	176	-0.11	-7.35e-003	9.24e-002	-123.83	-22.28	-24.06
	271	-0.13	-0.23	-0.32	-26.44	-38.53	3.53
	304	-6.86e-002	-0.23	9.35e-002	-34.24	25.43	-3.45
	284	-5.41e-002	-3.51e-003	0.50	-15.55	13.36	-31.04
429	276	-1.59e-002	-0.14	4.15e-002	-16.17	9.59	-15.56
	282	-2.46e-002	-0.28	-2.71e-002	-6.58	-16.95	-16.95
	283	-0.10	-0.28	-6.05e-002	31.09	38.93	-10.34
	277	-8.77e-002	-0.15	8.16e-003	-55.62	-3.00	-8.94
430	275	1.45e-002	-0.22	9.42e-002	-11.64	7.92	-13.03
	281	7.17e-003	-0.33	2.17e-002	-2.24	1.09	-14.42
	282	-2.81e-002	-0.33	1.36e-002	-5.63	7.46	-18.43
	276	-2.08e-002	-0.22	8.61e-002	-12.58	5.11	-17.05
431	274	-2.30e-003	-0.30	8.28e-002	-16.76	4.89	-4.56
	280	-1.16e-002	-0.45	1.66e-002	-1.66	-2.18	-3.23
	281	-3.64e-004	-0.44	2.00e-002	-2.11	3.71	-10.84
	275	8.97e-003	-0.30	8.61e-002	-11.50	5.57	-12.17
432	273	1.74e-002	-0.38	0.12	-30.97	-0.78	7.92
	279	4.18e-003	-0.58	4.96e-002	-9.92	-6.36	13.09
	280	-2.05e-002	-0.58	2.93e-002	-4.76	1.21	2.46
	274	-7.31e-003	-0.38	9.47e-002	-18.08	8.06	-2.71
433	272	-0.15	-0.29	0.18	-114.88	-40.10	3.89
	278	-0.20	-0.94	0.27	12.63	20.93	17.67
	279	-1.81e-002	-0.92	0.21	-17.17	-36.89	20.49
	273	2.40e-002	-0.28	0.12	-40.27	10.46	6.72
434	270	-8.89e-002	3.92e-002	7.41e-002	-31.97	25.78	-6.71
	276	-0.10	-0.15	0.12	-24.26	8.57	-14.39
	277	-8.57e-002	-0.15	-5.33e-002	1.04	-9.24	-10.61
	271	-7.35e-002	4.02e-002	-0.10	-87.84	-37.94	-2.92
435	269	7.63e-003	-7.27e-002	6.81e-002	-15.48	7.36	-8.38
	275	-1.70e-003	-0.22	0.10	-13.30	10.20	-14.25
	276	-0.11	-0.22	0.17	-23.84	3.17	-15.38
	270	-0.10	-7.94e-002	0.14	-24.70	7.36	-9.50
436	268	1.71e-003	-0.15	0.12	-18.54	7.13	-11.81
	274	-7.95e-003	-0.30	0.11	-16.00	6.22	-9.34
	275	-7.26e-003	-0.30	8.94e-002	-12.94	6.34	-10.40
	269	2.40e-003	-0.15	0.10	-13.51	6.69	-12.87
437	267	-6.02e-002	-0.17	0.14	-49.37	6.42	-12.93
	273	-7.43e-002	-0.38	0.16	-45.24	-1.84	1.15
	274	-1.30e-002	-0.38	0.12	-22.95	11.91	-3.30
	268	1.18e-003	-0.16	0.10	-24.27	9.44	-17.39
438	266	-9.47e-002	-0.12	-4.40e-002	-154.75	-73.77	-11.63
	272	-0.11	-0.28	2.69e-002	-27.34	-44.27	5.85
	273	-6.77e-002	-0.28	0.16	-52.70	9.80	2.37
	267	-5.67e-002	-0.11	8.87e-002	-61.35	35.26	-15.10
439	205	6.93e-002	4.51e-003	0.67	-15.37	14.10	25.78
	270	7.23e-002	4.97e-002	0.17	-37.38	25.09	-2.14
	271	-0.11	3.78e-002	-0.28	-26.16	-38.50	-9.01
	176	-0.11	-7.35e-003	0.21	-124.91	-23.02	18.92
440	204	5.55e-003	3.61e-004	0.10	-2.84	2.00	-5.70
	269	7.78e-004	-7.31e-002	6.49e-002	-13.85	5.92	-9.94

	270	6.46e-002	-6.90e-002	0.24	-24.82	6.87	-0.54
	205	6.93e-002	4.51e-003	0.27	-5.87	-0.23	3.69
441	203	3.74e-004	2.43e-005	0.15	-1.28	0.78	-19.32
	268	-9.63e-003	-0.15	0.14	-17.22	6.55	-18.06
	269	-4.45e-003	-0.15	0.10	-12.82	5.53	-9.44
	204	5.55e-003	3.61e-004	0.11	-1.56	1.17	-10.71
442	202	-3.09e-002	-2.01e-003	0.11	-11.53	-1.53	-37.69
	267	-4.14e-002	-0.16	0.12	-43.39	7.99	-29.07
	268	-1.02e-002	-0.16	0.12	-20.90	7.21	-16.99
	203	3.74e-004	2.43e-005	0.12	-5.42	3.12	-25.61
443	175	-9.47e-002	-6.15e-003	-5.60e-002	-190.44	-37.80	-53.16
	266	-0.10	-0.12	-9.34e-002	-63.70	-69.72	-7.29
	267	-3.80e-002	-0.11	6.82e-002	-67.81	36.10	-23.38
	202	-3.09e-002	-2.01e-003	0.11	-24.88	20.95	-69.25
600	158	-0.19	-9.05e-002	0.30	75.32	-407.34	361.89
	104	-0.25	-1.03	-2.30	-137.19	-140.61	393.13
	41	-6.64e-002	-1.02	2.36e-002	-337.70	-1377.86	-5.70
	116	-5.09e-003	-7.83e-002	2.62	274.54	-168.91	-36.95
601	157	-2.01e-002	0.13	0.42	6.29	92.33	455.51
	103	-6.10e-002	-0.50	0.22	-8.09	198.61	485.64
	104	-0.22	-0.51	-0.67	-13.18	-364.79	451.51
	158	-0.18	0.12	-0.47	18.44	-179.48	421.38
602	156	-3.11e-002	-0.28	0.12	-15.41	470.34	333.87
	102	-4.45e-002	-0.49	1.52e-002	54.00	781.95	373.82
	103	-6.01e-002	-0.49	0.24	50.26	130.96	479.52
	157	-4.67e-002	-0.28	0.35	9.81	199.95	439.56
603	155	-0.52	-2.07e-002	0.34	-151.82	306.77	-476.51
	1	-0.57	-0.83	0.55	169.01	2180.54	-397.83
	102	-6.46e-002	-0.79	0.25	225.25	514.59	319.95
	156	-1.22e-002	1.21e-002	5.11e-002	-127.59	745.34	241.26
604	154	-0.51	-4.04e-002	-0.17	72.96	-71.76	379.31
	158	-0.51	-0.11	1.00	57.74	-276.18	312.22
	116	-5.09e-003	-7.83e-002	1.23	-26.31	-59.77	221.46
	115	-4.82e-004	-7.42e-003	5.93e-002	35.43	-56.98	288.55
605	153	-0.11	-1.02e-002	0.14	16.74	54.66	390.28
	157	-0.10	0.12	0.30	-13.30	51.32	465.93
	158	-0.50	0.10	0.23	102.80	-104.44	433.93
	154	-0.51	-3.59e-002	7.04e-002	38.48	-38.70	358.28
606	152	-0.14	-2.43e-003	0.17	-48.07	199.78	277.02
	156	-0.16	-0.29	0.18	-101.99	360.11	348.00
	157	-0.13	-0.28	0.22	23.15	206.83	451.61
	153	-0.11	-4.06e-004	0.22	-42.83	135.53	380.63
607	151	2.07e-002	-1.65e-002	2.01e-002	31.06	108.02	148.11
	155	2.27e-002	1.44e-002	4.88e-003	135.33	126.64	-6.95
	156	-0.14	3.67e-003	0.11	-45.36	525.36	144.46
	152	-0.14	-2.72e-002	0.13	-72.20	198.11	299.52
608	150	0.24	8.98e-002	0.99	20.17	-61.65	360.53
	154	0.23	7.67e-003	-0.13	37.17	-56.57	332.80
	115	-4.82e-004	-7.42e-003	5.34e-002	1.31	-32.41	330.34
	114	4.85e-003	7.47e-002	1.17	3.66	-22.81	358.07
609	149	-0.13	-0.27	0.34	-4.29	20.88	320.60
	153	-0.11	-9.91e-003	0.13	-7.42	60.47	360.32
	154	0.23	1.22e-002	0.11	39.25	-38.48	369.70
	150	0.21	-0.25	0.32	20.77	-20.80	329.99
610	148	-5.24e-003	1.33e-002	0.10	-44.38	115.68	276.56
	152	-5.68e-003	6.49e-003	0.14	-36.99	173.61	308.66
	153	-0.11	-1.25e-004	0.21	-7.47	101.79	344.24

	149	-0.11	6.66e-003	0.16	-15.57	79.45	312.14
611	147	0.17	1.80e-002	-2.11e-002	13.34	55.75	287.29
	151	0.17	-6.64e-003	6.22e-002	30.17	47.46	224.10
	152	-7.29e-003	-1.83e-002	0.10	-38.42	178.61	242.57
	148	-5.69e-003	6.32e-003	1.57e-002	-33.48	128.42	305.76
612	107	-1.68e-002	8.78e-002	-1.80	-53.66	-16.24	330.99
	150	-1.78e-002	7.32e-002	0.44	14.95	-87.69	347.70
	114	4.85e-003	7.47e-002	2.49	46.47	-30.62	410.73
	46	5.80e-003	8.93e-002	0.24	-62.89	-254.05	394.01
613	106	-4.44e-002	-6.39e-003	0.25	-1.81	17.19	322.12
	149	-6.15e-002	-0.27	0.44	-9.38	28.62	319.03
	150	-3.99e-002	-0.27	-0.22	12.06	-43.68	335.16
	107	-2.28e-002	-4.99e-003	-0.41	-39.96	-71.05	338.24
614	105	-3.40e-002	-5.95e-002	5.49e-002	37.23	107.36	277.31
	148	-2.94e-002	1.17e-002	0.10	-24.00	116.14	279.47
	149	-4.33e-002	1.08e-002	0.26	4.46	54.13	310.85
	106	-4.79e-002	-6.04e-002	0.21	1.95	-3.19	308.70
615	3	0.31	-0.12	0.16	-72.16	369.81	322.05
	147	0.32	2.77e-002	-0.14	-17.25	51.88	376.30
	148	-2.98e-002	4.75e-003	1.75e-002	-51.27	164.45	282.88
	105	-3.94e-002	-0.14	0.32	59.38	58.29	228.63
616	146	8.52e-002	0.12	0.55	-3.30	-107.19	349.14
	107	8.35e-002	9.44e-002	-1.80	-44.51	-11.54	363.13
	46	5.80e-003	8.93e-002	0.24	-89.70	-260.58	294.51
	119	7.56e-003	0.12	2.58	68.03	-36.62	280.52
617	145	1.41e-002	0.20	0.49	27.22	-19.76	363.81
	106	9.91e-004	-3.44e-003	0.27	25.88	15.85	335.46
	107	7.75e-002	1.53e-003	-0.40	-17.70	-79.85	346.22
	146	9.06e-002	0.20	-0.19	-14.67	-62.05	374.58
618	144	2.26e-002	-7.43e-002	0.21	72.52	28.37	301.70
	105	2.38e-002	-5.58e-002	0.10	94.89	101.59	276.67
	106	-2.52e-003	-5.75e-002	0.24	54.65	-21.65	323.48
	145	-3.72e-003	-7.60e-002	0.35	33.42	-29.99	348.52
619	143	-0.55	-3.73e-002	6.04e-002	13.26	52.48	99.45
	3	-0.56	-0.18	0.30	122.99	404.81	124.47
	105	1.83e-002	-0.14	0.36	118.69	16.77	275.89
	144	2.74e-002	4.68e-004	0.13	63.19	103.76	250.87
620	142	-0.44	-2.53e-002	-0.14	9.98	-22.71	360.63
	146	-0.43	8.78e-002	1.05	-9.65	-84.62	357.53
	119	7.56e-003	0.12	1.37	-21.40	-10.91	317.38
	118	2.11e-004	3.25e-003	0.18	19.51	-1.38	320.49
621	141	-2.39e-002	8.31e-003	0.16	15.91	-55.46	384.25
	145	-1.16e-002	0.20	0.40	5.88	-40.00	377.34
	146	-0.43	0.17	0.32	20.64	-45.69	376.16
	142	-0.44	-1.87e-002	7.86e-002	-16.20	-30.00	383.07
622	140	-6.89e-002	4.91e-003	0.28	18.95	-84.04	307.90
	144	-7.45e-002	-8.06e-002	0.25	21.05	-14.96	303.24
	145	-2.95e-002	-7.77e-002	0.26	36.92	-35.91	362.89
	141	-2.39e-002	7.83e-003	0.29	-9.96	-70.33	367.55
623	139	-0.18	-5.78e-003	8.42e-002	-5.91	-27.27	158.45
	143	-0.18	-1.30e-002	1.36e-002	26.19	-12.02	166.42
	144	-6.96e-002	-5.84e-003	0.16	50.68	61.37	257.07
	140	-6.92e-002	1.42e-003	0.24	-7.68	-81.70	249.10
624	138	0.37	-6.81e-002	0.98	-3.14	80.28	352.04
	142	0.37	2.76e-002	-0.13	-30.33	-1.12	364.40
	118	2.11e-004	3.25e-003	0.19	-25.44	12.65	315.55
	117	-6.01e-003	-9.24e-002	1.30	22.19	18.26	303.19

625	137	-3.26e-002	-0.16	0.38	-21.31	-73.28	392.19
	141	-2.19e-002	8.44e-003	0.15	-23.73	-66.68	388.69
	142	0.38	3.43e-002	8.70e-002	-2.92	-20.11	381.48
	138	0.36	-0.13	0.32	-44.01	-3.90	384.98
626	136	4.45e-002	0.11	0.27	2.21	-193.70	322.40
	140	3.82e-002	1.19e-002	0.29	-12.29	-118.22	306.81
	141	-2.19e-002	7.96e-003	0.28	9.38	-89.92	370.30
	137	-1.56e-002	0.10	0.26	-55.18	-124.46	385.89
627	135	0.16	2.05e-002	1.71e-002	-71.60	-75.37	83.19
	139	0.16	1.62e-002	8.22e-002	-73.07	-79.85	132.70
	140	3.80e-002	8.38e-003	0.24	38.00	-128.55	268.11
	136	3.82e-002	1.27e-002	0.18	-71.26	-367.74	218.61
628	110	-4.96e-002	-0.13	-1.57	54.38	-20.83	357.83
	138	-4.74e-002	-0.10	0.48	-6.28	112.94	341.82
	117	-6.01e-003	-9.24e-002	2.39	-100.59	52.44	241.66
	47	-8.27e-003	-0.13	0.34	127.18	373.36	257.67
629	109	-6.53e-002	1.48e-002	0.26	-69.56	-138.65	333.97
	137	-7.67e-002	-0.16	0.48	-48.06	-100.43	375.31
	138	-5.15e-002	-0.16	-0.18	4.50e-002	24.15	377.93
	110	-4.01e-002	1.65e-002	-0.40	14.70	57.52	336.59
630	108	-7.18e-002	8.00e-002	0.11	-163.05	-368.03	286.31
	136	-7.04e-002	0.10	0.23	-130.31	-261.64	319.16
	137	-5.97e-002	0.10	0.35	-70.04	-114.38	364.51
	109	-6.11e-002	8.07e-002	0.23	-106.97	-88.78	331.66
631	4	0.59	0.21	0.32	-75.47	-1075.78	-42.50
	135	0.58	4.77e-002	7.29e-002	-8.60	-186.42	-134.40
	136	-7.66e-002	5.19e-003	0.15	-64.23	-466.31	234.61
	108	-6.61e-002	0.17	0.40	-229.87	-212.56	326.50
632	134	-0.12	-0.27	0.27	-52.00	27.98	324.08
	110	-0.12	-0.13	-1.59	82.76	-9.65	301.36
	47	-8.27e-003	-0.13	0.42	71.57	352.68	394.98
	122	-1.71e-002	-0.26	2.28	-53.26	31.85	417.70
633	133	-5.52e-003	0.31	0.46	4.84	-135.09	287.87
	109	-2.45e-002	1.75e-002	0.24	-35.89	-147.46	298.91
	110	-0.11	1.22e-002	-0.42	54.02	57.11	318.39
	134	-8.67e-002	0.30	-0.20	-46.33	-14.54	307.34
634	132	-4.89e-002	-6.89e-003	0.13	110.41	-242.38	298.83
	108	-4.32e-002	8.19e-002	6.50e-002	-189.63	-377.70	295.66
	109	-2.02e-002	8.34e-002	0.21	-68.94	-89.36	290.40
	133	-2.60e-002	-5.40e-003	0.28	7.11	-185.28	293.57
635	131	-0.43	-5.04e-002	-0.16	-53.44	-136.97	603.80
	4	-0.41	0.15	0.15	133.61	-966.85	490.11
	108	-3.75e-002	0.17	0.35	-224.91	-293.69	209.04
	132	-5.02e-002	-2.61e-002	4.04e-002	156.15	-311.44	322.74
636	130	-0.15	-1.15e-002	-2.54e-002	-15.24	-20.83	327.56
	134	-0.17	-0.27	0.81	-10.22	-1.80	339.35
	122	-1.71e-002	-0.26	0.93	1.07	1.47	349.55
	121	-1.19e-004	-1.82e-003	8.93e-002	-6.75	-9.32	337.75
637	129	7.29e-002	-1.90e-002	0.17	24.89	-170.25	341.48
	133	9.46e-002	0.32	0.39	21.46	-115.73	289.87
	134	-0.13	0.30	0.35	-11.47	-52.17	305.19
	130	-0.15	-3.35e-002	0.13	-11.97	-41.03	356.80
638	128	-4.58e-002	-2.90e-002	0.15	56.78	-230.71	324.55
	132	-4.44e-002	-6.60e-003	0.12	34.79	-234.93	299.59
	133	7.42e-002	1.11e-003	0.21	15.81	-184.69	297.04
	129	7.27e-002	-2.13e-002	0.23	42.61	-178.48	322.00
639	127	-0.15	-4.16e-003	6.22e-002	-52.77	-9.39	262.48

	131	-0.15	-3.24e-002	-2.26e-002	-50.26	-80.15	383.00
	132	-4.56e-002	-2.58e-002	3.04e-002	24.96	-198.61	369.69
	128	-4.38e-002	2.47e-003	0.12	42.13	-230.57	249.18
640	126	0.37	0.29	0.85	-88.65	176.03	311.99
	130	0.35	2.09e-002	-4.10e-002	-14.04	-13.55	371.66
	121	-1.19e-004	-1.82e-003	9.18e-002	-22.57	17.58	300.30
	120	1.74e-002	0.27	0.98	7.45	28.08	240.64
641	125	0.12	-0.22	0.37	29.29	-163.65	487.68
	129	0.13	-1.51e-002	0.19	17.73	-152.77	380.14
	130	0.35	-1.06e-003	0.12	3.23	-46.70	342.80
	126	0.34	-0.20	0.30	-106.03	64.02	450.34
642	124	0.18	0.24	0.16	135.72	-526.86	322.83
	128	0.16	-1.56e-002	0.13	40.89	-264.97	250.48
	129	0.13	-1.74e-002	0.24	74.36	-218.53	382.62
	125	0.15	0.23	0.27	2.61	-331.02	454.96
643	123	-1.49e-003	-6.62e-002	-6.23e-003	-235.39	-143.13	-64.39
	127	3.17e-003	5.52e-003	5.18e-002	39.70	-52.27	164.48
	128	0.16	1.59e-002	0.10	28.67	-251.43	288.44
	124	0.16	-5.59e-002	4.57e-002	102.81	-526.25	59.57
644	113	0.40	1.17	-1.98	274.90	307.86	451.41
	126	0.34	0.29	0.13	-206.41	349.62	410.86
	120	1.74e-002	0.27	2.38	-264.62	192.81	-99.87
	48	7.46e-002	1.15	0.27	352.54	1758.79	-59.32
645	112	8.08e-002	0.54	0.19	8.51	-363.58	566.98
	125	3.11e-002	-0.22	0.47	13.69	-198.35	505.81
	126	0.31	-0.20	-0.42	-122.81	148.41	460.03
	113	0.36	0.56	-0.71	123.47	459.51	521.21
646	111	0.10	0.53	-9.46e-005	-250.52	-1251.12	391.82
	124	7.81e-002	0.23	0.12	247.92	-649.25	320.78
	125	6.03e-002	0.23	0.37	50.37	-380.51	477.86
	112	7.98e-002	0.53	0.25	-84.84	-266.64	548.90
647	5	0.62	0.87	0.60	-124.77	-3080.21	-656.74
	123	0.56	-2.96e-002	0.31	125.12	-413.37	-755.74
	124	5.91e-002	-6.23e-002	9.54e-003	394.44	-890.16	223.68
	111	0.12	0.84	0.29	-453.04	-1080.71	322.68

SFORZI "Torcente di piano SLD" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	-680.70	-51.92	12.05	-132.79	-1892.75	-15474.98
	509	680.70	51.92	-12.05	132.79	-3228.99	-6584.49
2	255	1989.79	-94.02	-5.35	-264.86	940.00	-9824.76
	196	-1989.79	94.02	5.35	264.86	761.28	-20058.46
3	487	-18.72	17.16	-10.97	-3189.57	2917.09	5091.85
	509	18.72	-17.16	10.97	3189.57	3089.07	4300.56
4	509	16.49	-7.33	-189.73	1248.59	17210.51	-932.05
	495	-16.49	7.33	189.73	-1248.59	5557.47	52.86
5	195	288.23	3.23	417.89	1363.48	-48860.22	-3442.13
	509	-288.23	-3.23	-417.89	-1363.48	-13823.67	3926.99
6	403	0.43	11.40	7.61	-981.74	-280.54	202.81
	413	-0.43	-11.40	-7.61	981.74	14.35	196.33
7	393	4.33	45.80	11.66	-1366.81	-761.98	1067.21
	403	-4.33	-45.80	-11.66	1366.81	353.76	535.95
8	190	7.79	136.56	17.61	-1497.75	-1490.93	7340.39
	393	-7.79	-136.56	-17.61	1497.75	874.59	-2560.91

9	353	-44.88	5.17	20.62	-263.69	-2061.83	349.61
	363	44.88	-5.17	-20.62	263.69	1340.11	-168.53
10	343	-42.93	36.63	29.09	-744.09	-4090.91	894.30
	353	42.93	-36.63	-29.09	744.09	3072.77	387.88
11	187	-56.12	114.40	57.48	-879.29	-7198.12	6230.35
	343	56.12	-114.40	-57.48	879.29	5186.34	-2226.29
12	323	5.36	10.42	-8.13	-49.30	275.58	205.56
	333	-5.36	-10.42	8.13	49.30	8.84	159.04
13	313	14.59	40.30	-11.18	-61.05	688.75	937.10
	323	-14.59	-40.30	11.18	61.05	-297.45	473.56
14	181	28.19	120.29	-16.28	-62.30	1325.52	6583.31
	313	-28.19	-120.29	16.28	62.30	-755.61	-2373.03
15	277	56.49	5.05	-60.32	-328.27	3146.69	323.10
	283	-56.49	-5.05	60.32	328.27	-1035.35	-146.34
16	271	55.03	33.54	-74.76	-345.59	7696.95	974.29
	277	-55.03	-33.54	74.76	345.59	-5080.26	199.63
17	176	81.48	117.52	-130.10	-347.54	14414.71	6610.49
	271	-81.48	-117.52	130.10	347.54	-9861.34	-2497.14
18	272	97.22	-52.65	-96.07	100.27	9812.04	-1636.96
	278	-97.22	52.65	96.07	-100.27	-6449.70	-205.90
19	266	63.09	20.00	-125.32	-689.72	15596.95	-364.85
	272	-63.09	-20.00	125.32	689.72	-11210.79	1065.00
20	175	68.21	42.91	-184.94	-2124.80	23578.17	1366.63
	266	-68.21	-42.91	184.94	2124.80	-17105.32	135.13
21	508	111.75	-40.99	-1.29	912.19	288.71	-6656.20
	278	-111.75	40.99	1.29	-912.19	99.21	-5640.04
22	506	-91.03	-1.13	-4.90	-553.67	1064.74	-1438.62
	500	91.03	1.13	4.90	553.67	967.03	970.13
23	167	-210.97	-87.98	11.21	-716.83	-2311.13	-19437.20
	506	210.97	87.98	-11.21	716.83	-935.00	-6049.40
24	507	43.71	-4.36	12.38	1321.66	-2086.81	-919.09
	508	-43.71	4.36	-12.38	-1321.66	-1627.29	-389.70
25	506	38.09	-32.97	-9.35	-1057.50	2220.73	-6964.75
	507	-38.09	32.97	9.35	1057.50	1800.22	-7212.35
26	505	90.61	-18.83	21.67	3774.28	-4419.68	-3787.30
	506	-90.61	18.83	-21.67	-3774.28	-4031.65	-3554.51
27	504	107.80	-32.39	-17.68	-3402.77	3695.07	-7496.29
	505	-107.80	32.39	17.68	3402.77	3908.09	-6430.32
28	504	-150.47	9.86	13.91	-541.69	-2163.39	536.58
	498	150.47	-9.86	-13.91	541.69	-3598.79	3546.69
29	161	-471.38	-126.93	8.36	-1486.04	-440.69	-27899.13
	504	471.38	126.93	-8.36	1486.04	-1980.83	-8871.60
30	499	36.36	9.52	-18.88	-1394.98	4437.23	2295.50
	498	-36.36	-9.52	18.88	1394.98	3680.74	1798.05
31	500	49.39	-0.14	23.65	942.07	-4415.18	-284.49
	499	-49.39	0.14	-23.65	-942.07	-4807.13	228.05
32	501	64.14	17.05	-9.96	-416.04	1799.08	3693.59
	500	-64.14	-17.05	9.96	416.04	2484.12	3639.25
33	502	70.06	0.46	8.45	-32.10	-786.04	423.01
	501	-70.06	-0.46	-8.45	32.10	-1748.43	-284.02
34	503	78.43	12.41	0.97	500.39	-269.40	1568.38

	502	-78.43	-12.41	-0.97	-500.39	-20.12	2153.47
35	496	90.56	2.64	2.31	13.73	-861.67	316.26
	503	-90.56	-2.64	-2.31	-13.73	-314.84	1030.77
36	160	205.87	-233.70	-102.25	187.39	15764.56	-29470.40
	504	-205.87	233.70	102.25	-187.39	-5028.57	4932.24
37	163	13.56	-39.35	17.18	-511.59	8413.29	-11308.99
	505	-13.56	39.35	-17.18	511.59	-10217.61	7177.05
38	166	107.02	-50.67	36.41	-1666.41	6621.23	-7976.75
	506	-107.02	50.67	-36.41	1666.41	-10444.21	2656.25
39	169	28.61	-21.73	-5.61	-286.58	8720.57	-4660.95
	507	-28.61	21.73	5.61	286.58	-8131.44	2379.15
40	172	-36.62	13.67	-68.04	-1338.58	14190.28	1845.17
	508	36.62	-13.67	68.04	1338.58	-7045.90	-409.47
41	159	41.37	-123.06	-50.27	595.45	13440.70	-28285.29
	498	-41.37	123.06	50.27	-595.45	132.17	-4941.66
42	162	9.66	-42.53	-13.03	-369.90	6041.74	-13819.06
	499	-9.66	42.53	13.03	369.90	-2523.55	2337.05
43	165	20.10	-49.44	-9.85	-823.52	5891.37	-11020.80
	500	-20.10	49.44	9.85	823.52	-3232.05	-2328.24
44	168	16.59	-18.41	-5.91	50.65	5006.46	-5354.41
	501	-16.59	18.41	5.91	-50.65	-3409.57	383.94
45	171	-11.94	7.48	-8.37	-806.16	4836.30	1487.96
	502	11.94	-7.48	8.37	806.16	-2576.48	532.50
46	174	9.76	-1.34	-12.13	-584.23	5875.45	124.37
	503	-9.76	1.34	12.13	584.23	-2599.16	-486.66
47	177	33.70	-8.45	-60.34	243.39	15415.41	848.06
	496	-33.70	8.45	60.34	-243.39	876.58	-3129.51
48	178	32.04	-19.69	-45.25	-894.04	13380.48	-1903.51
	497	-32.04	19.69	45.25	894.04	-1164.30	-3412.42
49	278	-210.62	2.03	2.37	-174.59	-554.54	476.60
	496	210.62	-2.03	-2.37	174.59	-999.99	856.40
50	497	109.46	19.87	-14.40	-255.10	3441.24	4609.71
	496	-109.46	-19.87	14.40	255.10	2029.16	2940.98
51	478	89.77	-12.17	30.85	909.20	-3994.03	-2088.46
	497	-89.77	12.17	-30.85	-909.20	-4335.29	-1197.29
52	173	-641.53	-21.35	1.34	-25.95	-450.84	-7505.53
	278	641.53	21.35	-1.34	25.95	-108.32	-1396.89
53	283	-105.76	4.66	-1.14	5.72	-295.90	791.12
	478	105.76	-4.66	1.14	-5.72	907.46	1706.47
54	173	-315.79	-13.83	1.64	398.75	-567.23	-3489.54
	283	315.79	13.83	-1.64	-398.75	45.08	-906.07
55	483	-8.56	-3.00	3.44	-21.52	-1743.15	-955.20
	484	8.56	3.00	-3.44	21.52	-1003.95	-1440.64
56	482	0.21	-22.72	-22.16	-5436.36	5574.87	-6371.81
	483	-0.21	22.72	22.16	5436.36	6618.78	-6132.07
57	481	32.95	-0.56	6.83	542.72	-323.55	-903.54
	482	-32.95	0.56	-6.83	-542.72	-3843.67	559.06
58	480	38.25	-5.10	11.34	3453.48	-3742.60	-1277.53
	481	-38.25	5.10	-11.34	-3453.48	-2496.91	-1524.78
59	479	51.62	-5.00	-0.42	155.66	-494.46	-1255.05
	480	-51.62	5.00	0.42	-155.66	766.43	-1945.63

60	478	74.10	-15.12	-5.14	-603.09	2043.04	-5118.28
	479	-74.10	15.12	5.14	603.09	836.89	-3351.57
61	363	70.97	-4.42	-3.71	-121.96	336.33	-1307.94
	480	-70.97	4.42	3.71	121.96	1650.64	-1060.33
62	186	187.61	25.92	-2.47	94.53	93.19	5933.43
	363	-187.61	-25.92	2.47	-94.53	692.52	2306.43
63	473	177.78	57.00	-0.88	83.64	124.95	22482.72
	484	-177.78	-57.00	0.88	-83.64	313.05	5778.47
64	255	1530.74	-16.84	11.46	154.25	-2568.25	-2041.11
	483	-1530.74	16.84	-11.46	-154.25	-3358.70	-6666.76
65	492	59.83	-0.20	1.08	-441.73	-133.01	-1054.07
	489	-59.83	0.20	-1.08	441.73	-189.88	993.32
66	494	20.54	1.87	-31.29	-364.46	8093.41	760.79
	492	-20.54	-1.87	31.29	364.46	8959.40	258.33
67	492	173.12	-17.62	11.22	-291.66	-1197.83	-1748.61
	495	-173.12	17.62	-11.22	291.66	-3263.26	-5253.99
68	491	27.20	-6.44	17.77	2004.38	-6656.54	-2607.83
	492	-27.20	6.44	-17.77	-2004.38	-7601.03	-2557.65
69	490	-62.08	-51.49	-39.17	-400.67	5919.05	-9554.77
	491	62.08	51.49	39.17	400.67	5735.12	-5764.09
70	489	-35.55	-1.43	17.58	2426.05	-7562.79	-537.72
	490	35.55	1.43	-17.58	-2426.05	-6503.19	-606.47
71	488	-30.74	-0.70	-27.07	-105.44	6604.52	-145.90
	489	30.74	0.70	27.07	105.44	8147.26	-235.66
72	494	26.33	49.84	33.29	-279.52	-4473.91	6818.26
	488	-26.33	-49.84	-33.29	279.52	-5514.33	8135.10
73	493	-1.18	36.51	17.60	-491.22	-3994.43	8292.77
	494	1.18	-36.51	-17.60	491.22	-3001.08	6220.60
74	493	-4.98	1.13	-16.68	305.42	4622.81	239.29
	495	4.98	-1.13	16.68	-305.42	4511.84	377.56
75	473	-50.06	-4.14	-44.17	-584.14	-4696.13	-396.66
	490	50.06	4.14	44.17	584.14	11983.85	-286.10
76	382	46.77	19.72	-169.55	-323.12	-18378.84	-35.77
	473	-46.77	-19.72	169.55	323.12	24313.01	725.98
77	293	4.13	63.93	-109.94	-1741.70	-13166.31	1890.76
	382	-4.13	-63.93	109.94	1741.70	17014.07	346.76
78	200	-5.19	150.75	-68.31	-2950.07	-9526.90	8141.94
	293	5.19	-150.75	68.31	2950.07	11917.60	-2865.76
79	255	-0.53	-3.74	15.18	394.59	-966.29	-285.04
	489	0.53	3.74	-15.18	-394.59	-1538.17	-331.65
80	245	-173.60	21.73	86.77	-604.73	-12344.80	-181.58
	255	173.60	-21.73	-86.77	604.73	9307.68	941.97
81	235	-144.33	55.80	145.48	-452.72	-21321.11	1248.22
	245	144.33	-55.80	-145.48	452.72	16229.30	704.83
82	197	-173.81	158.32	294.77	-384.41	-36205.58	8281.77
	235	173.81	-158.32	-294.77	384.41	25888.74	-2740.51
83	443	-50.54	2.55	53.40	1090.19	-17051.68	287.67
	488	50.54	-2.55	-53.40	-1090.19	8240.53	133.62
84	433	-34.34	8.32	-29.08	1110.13	-13566.13	298.67
	443	34.34	-8.32	29.08	-1110.13	14584.05	-7.40
85	423	-33.66	42.31	47.80	1119.18	-15833.35	1036.59

433	33.66	-42.31	-47.80	-1119.18	14160.32	444.26	
86	193	-44.18	131.09	150.29	1170.00	-22236.95	7099.69
	423	44.18	-131.09	-150.29	-1170.00	16976.90	-2511.47
87	201	45.05	12.55	79.60	-921.42	-29265.41	1236.01
	491	-45.05	-12.55	-79.60	921.42	7773.01	2152.48
88	196	-13.25	17.84	64.08	27.53	-15637.03	2155.04
	492	13.25	-17.84	-64.08	-27.53	-1664.51	2661.14
89	192	15.20	4.84	3.77	618.41	-14421.56	335.46
	494	-15.20	-4.84	-3.77	-618.41	13403.32	972.49
90	487	37.64	-22.58	17.87	628.37	-10131.65	-2458.06
	493	-37.64	22.58	-17.87	-628.37	7987.35	-251.93
91	185	59.40	37.98	32.12	1722.74	-17975.08	816.58
	487	-59.40	-37.98	-32.12	-1722.74	13157.32	4880.54
92	486	-79.29	-4.60	3.28	-163.91	-177.52	-139.20
	487	79.29	4.60	-3.28	163.91	-1822.72	-2669.37
93	485	-48.93	-1.47	7.84	3632.25	-2383.59	-617.21
	486	48.93	1.47	-7.84	-3632.25	-1928.91	-191.49
94	186	-127.12	-7.80	-3.84	-225.56	408.08	-2702.14
	485	127.12	7.80	3.84	225.56	1230.49	-630.51
95	183	50.47	-45.13	108.67	-1152.24	-13296.39	-6390.09
	485	-50.47	45.13	-108.67	1152.24	-3004.51	-379.84
96	184	-3.13	-30.32	4.34	-2106.43	-4446.13	-4200.66
	486	3.13	30.32	-4.34	2106.43	3795.25	-347.21
97	179	0.83	-16.81	-66.07	-1089.35	14619.11	-1223.55
	478	-0.83	16.81	66.07	1089.35	3218.76	-3314.59
98	182	10.12	-22.48	-4.72	342.43	2032.55	-1462.65
	479	-10.12	22.48	4.72	-342.43	-758.75	-4606.62
99	188	-17.73	-17.03	57.28	-1368.15	-11114.42	-967.94
	480	17.73	17.03	-57.28	1368.15	-4352.31	-3630.90
100	191	4.53	-5.35	4.34	-2820.46	-4089.18	969.38
	481	-4.53	5.35	-4.34	2820.46	2917.66	-2412.61
101	194	-22.16	-33.44	28.99	1731.21	-14005.22	-3393.29
	482	22.16	33.44	-28.99	-1731.21	6178.97	-5636.64
102	198	-452.80	-11.36	1430.28	1643.31	-374309.98	3330.86
	483	452.80	11.36	-1430.28	-1643.31	-11866.01	-6398.52
103	199	-109.92	6.78	152.34	-736.58	-46931.61	3423.59
	484	109.92	-6.78	-152.34	736.58	5798.48	-1592.84
179	472	-13.15	8.97e-002	-5.04	-118.21	184.71	4.10
	473	13.15	-8.97e-002	5.04	118.21	83.99	0.69
180	467	-17.83	3.94e-002	1.44	-3.71	30.85	2.63
	472	17.83	-3.94e-002	-1.44	3.71	-107.45	-0.53
181	466	-16.66	1.89e-002	0.78	30.89	2.95	1.77
	467	16.66	-1.89e-002	-0.78	-30.89	-44.43	-0.76
182	471	-3.64e-012	-2.78	0.00	89.86	-1.16e-010	-40.62
	200	3.64e-012	2.78	0.00	-89.86	0.00	-107.68
183	470	0.00	-0.17	-7.28e-012	76.01	0.00	-6.77
	471	0.00	0.17	7.28e-012	-76.01	0.00	-2.56
184	229	0.00	-0.19	0.00	57.97	0.00	-1.72
	470	0.00	0.19	0.00	-57.97	0.00	-8.47
185	469	0.00	-0.10	-3.64e-012	50.55	0.00	-2.23
	229	0.00	0.10	3.64e-012	-50.55	0.00	-3.07

186	468	3.64e-012	-0.12	0.00	47.97	0.00	-2.17
	469	-3.64e-012	0.12	0.00	-47.97	0.00	-4.37
187	228	7.28e-012	-0.12	0.00	47.10	-1.16e-010	-2.51
	468	-7.28e-012	0.12	0.00	-47.10	-2.33e-010	-3.64
188	465	-13.96	-5.13e-003	0.25	42.11	-0.78	1.03
	466	13.96	5.13e-003	-0.25	-42.11	-12.73	-1.30
189	464	-11.02	9.08e-003	6.98e-002	45.42	-0.78	1.14
	465	11.02	-9.08e-003	-6.98e-002	-45.42	-2.95	-0.66
190	459	-8.11	6.20e-003	1.76e-002	46.34	-0.47	0.80
	464	8.11	-6.20e-003	-1.76e-002	-46.34	-0.47	-0.46
191	458	-5.21	6.92e-003	5.24e-003	46.57	-0.37	0.60
	459	5.21	-6.92e-003	-5.24e-003	-46.57	8.61e-002	-0.23
192	457	-2.31	6.68e-003	4.58e-003	46.61	-0.53	0.36
	458	2.31	-6.68e-003	-4.58e-003	-46.61	0.29	-4.99e-003
193	456	0.59	6.94e-003	8.35e-003	46.60	-1.11	0.13
	457	-0.59	-6.94e-003	-8.35e-003	-46.60	0.67	0.24
194	463	-3.64e-012	-0.12	0.00	46.79	0.00	-2.71
	228	3.64e-012	0.12	0.00	-46.79	0.00	-3.59
195	462	0.00	-0.12	-3.64e-012	46.64	0.00	-2.93
	463	0.00	0.12	3.64e-012	-46.64	-5.82e-011	-3.30
196	227	-3.64e-012	-0.12	0.00	46.45	5.82e-011	-3.22
	462	3.64e-012	0.12	0.00	-46.45	0.00	-3.08
197	461	3.64e-012	-0.12	0.00	45.93	0.00	-3.27
	227	-3.64e-012	0.12	0.00	-45.93	5.82e-011	-2.88
198	460	3.64e-012	-0.12	-3.64e-012	44.35	0.00	-4.01
	461	-3.64e-012	0.12	3.64e-012	-44.35	0.00	-2.53
199	226	0.00	-0.10	0.00	39.50	0.00	-2.58
	460	0.00	0.10	0.00	-39.50	-5.82e-011	-2.53
200	453	3.49	6.11e-003	1.29e-002	46.65	-2.36	-0.10
	456	-3.49	-6.11e-003	-1.29e-002	-46.65	1.68	0.43
201	452	6.40	9.58e-003	3.93e-003	47.17	-4.42	-0.27
	453	-6.40	-9.58e-003	-3.93e-003	-47.17	4.21	0.78
202	451	9.36	-5.32e-003	-6.63e-002	49.80	-6.35	-0.94
	452	-9.36	5.32e-003	6.63e-002	-49.80	9.88	0.66
203	450	12.38	2.19e-002	-0.21	60.04	-8.23	-0.19
	451	-12.38	-2.19e-002	0.21	-60.04	19.22	1.35
204	449	15.60	5.21e-002	0.85	87.69	-62.66	-0.38
	450	-15.60	-5.21e-002	-0.85	-87.69	17.56	3.16
205	255	12.17	0.41	10.80	106.34	-455.14	7.39
	449	-12.17	-0.41	-10.80	-106.34	-120.85	14.40
206	455	0.00	-0.18	3.64e-012	24.75	5.82e-011	-7.75
	226	0.00	0.18	-3.64e-012	-24.75	5.82e-011	-1.64
207	454	-3.64e-012	-0.15	0.00	-17.69	0.00	-1.46
	455	3.64e-012	0.15	0.00	17.69	-5.82e-011	-6.32
208	197	0.00	-3.29	0.00	-159.38	0.00	-119.95
	454	0.00	3.29	0.00	159.38	0.00	-55.50
209	254	-6.92	-0.73	-11.83	-100.74	98.22	-16.08
	255	6.92	0.73	11.83	100.74	546.73	-23.76
210	253	-4.51	4.82e-002	-1.25	-87.99	-30.62	1.21
	254	4.51	-4.82e-002	1.25	87.99	98.53	1.42
211	252	-3.39	1.99e-002	7.22e-002	-63.06	-24.23	0.89

	253	3.39	-1.99e-002	-7.22e-002	63.06	20.30	0.19
212	251	-0.72	-1.56e-003	1.54e-002	-54.12	-11.26	-1.52e-002
	252	0.72	1.56e-003	-1.54e-002	54.12	10.42	-7.00e-002
213	250	2.46	8.09e-003	-4.00e-002	-51.83	-3.84	9.27e-002
	251	-2.46	-8.09e-003	4.00e-002	51.83	6.01	0.35
214	249	5.66	9.45e-003	-0.10	-50.58	1.85	-0.23
	250	-5.66	-9.45e-003	0.10	50.58	3.43	0.74
215	248	8.88	-3.56e-003	-0.29	-47.15	13.76	-0.86
	249	-8.88	3.56e-003	0.29	47.15	1.84	0.67
216	247	11.99	2.18e-002	-0.80	-35.52	47.32	-0.16
	248	-11.99	-2.18e-002	0.80	35.52	-3.71	1.35
217	246	14.37	3.83e-002	-1.20	-2.37	104.64	-0.50
	247	-14.37	-3.83e-002	1.20	2.37	-39.50	2.59
218	443	11.01	0.24	4.74	71.13	-20.14	6.73
	246	-11.01	-0.24	-4.74	-71.13	-238.42	6.55
219	448	0.00	-2.03	1.82e-012	163.44	5.82e-011	-24.84
	197	0.00	2.03	-1.82e-012	-163.44	0.00	-86.01
220	225	0.00	-0.12	3.64e-012	13.95	0.00	-5.84
	448	0.00	0.12	-3.64e-012	-13.95	0.00	-0.94
221	447	0.00	-0.19	0.00	-30.03	0.00	-3.16
	225	0.00	0.19	0.00	30.03	0.00	-7.12
222	224	3.64e-012	-0.11	1.82e-012	-45.12	0.00	-3.57
	447	-3.64e-012	0.11	-1.82e-012	45.12	0.00	-2.51
223	446	0.00	-0.12	1.82e-012	-50.19	0.00	-3.32
	224	0.00	0.12	-1.82e-012	50.19	0.00	-3.45
224	223	3.64e-012	-0.12	1.82e-012	-52.54	5.82e-011	-4.09
	446	-3.64e-012	0.12	-1.82e-012	52.54	5.82e-011	-2.69
225	445	3.64e-012	-0.11	3.64e-012	-55.56	-5.82e-011	-3.01
	223	-3.64e-012	0.11	-3.64e-012	55.56	0.00	-2.78
226	222	3.64e-012	-0.17	1.82e-012	-63.35	0.00	-7.37
	445	-3.64e-012	0.17	-1.82e-012	63.35	0.00	-2.14
227	444	3.64e-012	-0.16	3.64e-012	-83.84	0.00	-2.76
	222	-3.64e-012	0.16	-3.64e-012	83.84	0.00	-5.86
228	193	3.64e-012	-2.46	3.64e-012	-137.78	0.00	-94.51
	444	-3.64e-012	2.46	-3.64e-012	137.78	0.00	-39.68
289	383	0.00	-1.80	0.00	105.90	-2.91e-011	-32.32
	193	0.00	1.80	0.00	-105.90	-2.91e-011	-77.67
290	221	0.00	-8.60e-002	0.00	48.16	-2.91e-011	-4.36
	383	0.00	8.60e-002	0.00	-48.16	-2.91e-011	-0.89
291	442	4.57	6.54e-002	-3.89	-96.37	223.92	0.49
	443	-4.57	-6.54e-002	3.89	96.37	13.24	3.50
292	441	0.37	2.85e-002	1.19	-17.99	19.52	1.13
	442	-0.37	-2.85e-002	-1.19	17.99	-92.05	0.61
293	440	1.12	2.32e-002	0.73	10.51	-4.27	0.43
	441	-1.12	-2.32e-002	-0.73	-10.51	-40.16	0.98
294	439	2.76	-5.71e-003	0.24	19.24	-3.00	-0.38
	440	-2.76	5.71e-003	-0.24	-19.24	-11.66	2.88e-002
295	380	0.00	-8.51e-002	-9.09e-013	30.42	2.91e-011	-1.40
	221	0.00	8.51e-002	9.09e-013	-30.42	0.00	-3.79
296	220	0.00	-3.71e-002	0.00	24.37	0.00	-1.80
	380	0.00	3.71e-002	0.00	-24.37	0.00	-0.46

297	379	3.64e-012	-5.09e-002	0.00	22.64	0.00	-1.73
	220	-3.64e-012	5.09e-002	0.00	-22.64	0.00	-1.38
298	219	0.00	-5.10e-002	9.09e-013	22.13	-2.91e-011	-2.24
	379	0.00	5.10e-002	-9.09e-013	-22.13	-2.91e-011	-0.87
299	438	4.51	4.92e-003	6.50e-002	21.41	-1.26	-0.17
	439	-4.51	-4.92e-003	-6.50e-002	-21.41	-2.70	0.47
300	437	6.27	4.86e-003	1.79e-002	21.89	-0.74	-0.39
	438	-6.27	-4.86e-003	-1.79e-002	-21.89	-0.35	0.69
301	436	8.02	-5.84e-003	1.14e-002	21.98	-1.16	-0.82
	437	-8.02	5.84e-003	-1.14e-002	-21.98	0.46	0.46
302	435	9.67	2.53e-002	3.27e-002	22.11	-3.32	0.20
	436	-9.67	-2.53e-002	-3.27e-002	-22.11	1.33	1.34
303	376	0.00	-3.66e-002	9.09e-013	21.83	-2.91e-011	-1.29
	219	0.00	3.66e-002	-9.09e-013	-21.83	2.91e-011	-0.95
304	218	0.00	-8.55e-002	0.00	21.18	2.91e-011	-4.72
	376	0.00	8.55e-002	0.00	-21.18	0.00	-0.50
305	375	0.00	-8.92e-002	-9.09e-013	19.29	0.00	-1.83
	218	0.00	8.92e-002	9.09e-013	-19.29	0.00	-3.61
306	190	0.00	-1.94	-9.09e-013	12.27	1.46e-011	-83.38
	375	0.00	1.94	9.09e-013	-12.27	2.91e-011	-35.09
307	434	10.70	3.34e-002	0.18	22.39	-12.98	-0.11
	435	-10.70	-3.34e-002	-0.18	-22.39	1.94	2.15
308	413	6.72	8.59e-002	0.78	19.44	-43.43	2.45
	434	-6.72	-8.59e-002	-0.78	-19.44	-4.24	2.79
309	412	-3.35	8.93e-002	2.23	28.76	69.44	2.47
	413	3.35	-8.93e-002	-2.23	-28.76	-192.29	2.44
310	411	-6.64	3.89e-002	0.85	43.84	26.03	1.86
	412	6.64	-3.89e-002	-0.85	-43.84	-72.88	0.28
311	372	0.00	-2.34	0.00	35.95	2.91e-011	-37.26
	190	0.00	2.34	0.00	-35.95	2.91e-011	-91.39
312	217	0.00	-0.12	0.00	46.62	-2.91e-011	-5.37
	372	0.00	0.12	0.00	-46.62	-2.91e-011	-1.26
313	371	0.00	-0.14	-1.36e-012	50.77	-4.37e-011	-1.80
	217	0.00	0.14	1.36e-012	-50.77	-2.91e-011	-5.90
314	216	-3.64e-012	-7.25e-002	-9.09e-013	52.07	-2.91e-011	-2.32
	371	3.64e-012	7.25e-002	9.09e-013	-52.07	-4.37e-011	-1.67
315	410	-5.29	1.99e-002	0.30	49.27	8.88	0.80
	411	5.29	-1.99e-002	-0.30	-49.27	-25.46	0.29
316	409	-3.09	-5.15e-003	0.11	51.32	2.52	0.16
	410	3.09	5.15e-003	-0.11	-51.32	-8.74	-0.44
317	408	-0.74	6.98e-003	5.40e-002	52.02	-0.49	0.28
	409	0.74	-6.98e-003	-5.40e-002	-52.02	-2.48	0.11
318	407	1.61	7.08e-003	5.15e-002	52.11	-3.63	5.09e-002
	408	-1.61	-7.08e-003	-5.15e-002	-52.11	0.79	0.34
319	368	3.64e-012	-8.97e-002	0.00	52.34	-2.91e-011	-2.17
	216	-3.64e-012	8.97e-002	0.00	-52.34	0.00	-2.76
320	215	-3.64e-012	-8.92e-002	0.00	52.03	0.00	-2.80
	368	3.64e-012	8.92e-002	0.00	-52.03	1.46e-011	-2.11
321	367	3.64e-012	-7.29e-002	-4.55e-013	50.68	-2.18e-011	-1.81
	215	-3.64e-012	7.29e-002	4.55e-013	-50.68	-7.28e-012	-2.20
322	214	0.00	-0.13	-2.27e-013	46.27	-1.46e-011	-5.55

	367	0.00	0.13	2.27e-013	-46.27	-2.18e-011	-1.67
323	406	3.97	-4.57e-003	9.48e-002	51.95	-10.02	-0.51
	407	-3.97	4.57e-003	-9.48e-002	-51.95	4.81	0.26
324	405	6.28	1.90e-002	0.25	52.03	-27.10	0.25
	406	-6.28	-1.90e-002	-0.25	-52.03	13.12	0.80
325	404	7.99	3.18e-002	1.05	52.46	-87.09	-0.22
	405	-7.99	-3.18e-002	-1.05	-52.46	29.28	1.97
326	363	3.75	0.33	4.53	39.09	-286.97	10.31
	404	-3.75	-0.33	-4.53	-39.09	37.62	7.67
327	364	0.00	-0.13	-2.27e-013	32.95	0.00	-1.81
	214	0.00	0.13	2.27e-013	-32.95	1.46e-011	-5.09
328	187	0.00	-2.18	-2.27e-013	-11.27	-1.82e-011	-83.29
	364	0.00	2.18	2.27e-013	11.27	-2.91e-011	-36.62
389	362	-1.30	6.92e-002	-0.47	-3.45	38.99	0.67
	363	1.30	-6.92e-002	0.47	3.45	-8.94	3.75
390	361	-6.08	1.94e-002	0.23	7.52	0.42	1.41
	362	6.08	-1.94e-002	-0.23	-7.52	-15.12	-0.16
391	302	3.64e-012	-1.42	-2.27e-013	44.34	-7.28e-012	-26.29
	187	-3.64e-012	1.42	2.27e-013	-44.34	-4.09e-012	-64.64
392	213	0.00	-5.80e-002	0.00	21.18	-7.73e-012	-2.56
	302	0.00	5.80e-002	0.00	-21.18	-3.64e-012	-1.15
393	301	-3.64e-012	-4.70e-002	1.14e-013	16.75	-1.82e-012	8.88e-003
	213	3.64e-012	4.70e-002	-1.14e-013	-16.75	3.64e-012	-3.02
394	212	3.64e-012	-1.01e-002	0.00	15.39	0.00	-0.25
	301	-3.64e-012	1.01e-002	0.00	-15.39	-3.64e-012	-0.40
395	360	-6.17	2.05e-002	0.13	12.99	-2.11	0.97
	361	6.17	-2.05e-002	-0.13	-12.99	-6.43	0.35
396	359	-5.40	-6.30e-003	4.22e-002	14.52	-0.99	0.23
	360	5.40	6.30e-003	-4.22e-002	-14.52	-1.71	-0.63
397	358	-4.60	2.35e-003	1.33e-002	14.83	-0.53	0.48
	359	4.60	-2.35e-003	-1.33e-002	-14.83	-0.32	-0.33
398	357	-3.76	2.22e-003	1.31e-002	14.82	-0.88	0.33
	358	3.76	-2.22e-003	-1.31e-002	-14.82	4.50e-002	-0.18
399	298	0.00	-2.14e-002	2.27e-013	15.03	-7.28e-012	-0.18
	212	0.00	2.14e-002	-2.27e-013	-15.03	0.00	-1.19
400	211	0.00	-2.15e-002	0.00	14.93	7.28e-012	-0.53
	298	0.00	2.15e-002	0.00	-14.93	0.00	-0.84
401	297	0.00	-9.67e-003	2.27e-013	14.86	0.00	0.30
	211	0.00	9.67e-003	-2.27e-013	-14.86	1.46e-011	-0.91
402	210	3.64e-012	-4.82e-002	0.00	14.64	0.00	-2.46
	297	-3.64e-012	4.82e-002	0.00	-14.64	0.00	-0.63
403	356	-2.95	-6.35e-003	3.63e-002	14.59	-2.66	4.17e-002
	357	2.95	6.35e-003	-3.63e-002	-14.59	0.34	-0.45
404	355	-2.19	2.27e-002	0.11	13.81	-8.46	1.08
	356	2.19	-2.27e-002	-0.11	-13.81	1.42	0.37
405	354	-2.01	2.80e-002	0.30	11.42	-25.46	0.83
	355	2.01	-2.80e-002	-0.30	-11.42	6.12	0.96
406	333	-6.68	8.87e-002	0.66	5.49	-67.26	3.95
	354	6.68	-8.87e-002	-0.66	-5.49	24.99	1.73
407	294	-3.64e-012	-6.23e-002	-4.55e-013	13.70	0.00	-0.61
	210	3.64e-012	6.23e-002	4.55e-013	-13.70	0.00	-3.38

408	181	0.00	-1.57	-4.55e-013	11.65	-1.46e-011	-69.84
	294	0.00	1.57	4.55e-013	-11.65	-1.46e-011	-30.90
409	332	-15.16	4.55e-002	-0.55	-3.32	-29.74	3.11
	333	15.16	-4.55e-002	0.55	3.32	60.53	-0.56
410	331	-13.88	4.32e-002	-0.27	-8.16	-9.18	2.48
	332	13.88	-4.32e-002	0.27	8.16	24.52	-6.29e-002
411	292	0.00	-2.24	0.00	-9.67	0.00	-37.40
	181	0.00	2.24	0.00	9.67	0.00	-87.83
412	209	0.00	-0.23	9.09e-013	-10.99	-2.91e-011	-7.71
	292	0.00	0.23	-9.09e-013	10.99	0.00	-5.25
413	291	0.00	-0.25	0.00	-11.76	-2.91e-011	-4.81
	209	0.00	0.25	0.00	11.76	-2.91e-011	-9.17
414	208	0.00	-0.19	-9.09e-013	-11.94	0.00	-5.67
	291	0.00	0.19	9.09e-013	11.94	0.00	-5.11
415	330	-8.73	2.87e-002	-0.11	-10.60	-2.68	1.38
	331	8.73	-2.87e-002	0.11	10.60	8.95	0.23
416	329	-3.05	4.20e-003	-4.28e-002	-11.53	-0.54	0.37
	330	3.05	-4.20e-003	4.28e-002	11.53	2.93	-0.14
417	328	2.75	1.48e-002	-1.88e-002	-11.85	0.51	0.24
	329	-2.75	-1.48e-002	1.88e-002	11.85	0.54	0.59
418	327	8.55	1.48e-002	-9.06e-003	-12.05	1.54	-0.30
	328	-8.55	-1.48e-002	9.06e-003	12.05	-1.03	1.13
419	288	0.00	-0.21	0.00	-11.86	0.00	-5.82
	208	0.00	0.21	0.00	11.86	0.00	-5.82
420	207	0.00	-0.21	0.00	-11.41	0.00	-6.71
	288	0.00	0.21	0.00	11.41	0.00	-4.92
421	287	0.00	-0.19	0.00	-9.93	-2.91e-011	-6.06
	207	0.00	0.19	0.00	9.93	-2.91e-011	-4.78
422	206	0.00	-0.26	0.00	-5.11	2.91e-011	-10.17
	287	0.00	0.26	0.00	5.11	2.91e-011	-4.14
423	326	14.35	4.12e-003	9.54e-003	-12.73	2.91	-1.06
	327	-14.35	-4.12e-003	-9.54e-003	12.73	-3.44	1.29
424	325	19.90	2.56e-002	2.92e-002	-15.62	5.99	-0.77
	326	-19.90	-2.56e-002	-2.92e-002	15.62	-7.62	2.20
425	324	24.14	3.74e-002	-0.42	-23.59	31.89	-0.97
	325	-24.14	-3.74e-002	0.42	23.59	-8.48	3.07
426	283	24.75	-5.98e-002	-3.54	-21.13	156.74	-2.68
	324	-24.75	5.98e-002	3.54	21.13	41.30	-0.67
427	284	0.00	-0.23	-1.82e-012	9.57	0.00	-5.96
	206	0.00	0.23	1.82e-012	-9.57	0.00	-6.81
428	176	0.00	-1.96	1.82e-012	67.61	-2.91e-011	-81.54
	284	0.00	1.96	-1.82e-012	-67.61	-2.91e-011	-28.39
444	282	24.79	0.30	3.63	28.07	-38.92	6.48
	283	-24.79	-0.30	-3.63	-28.07	-156.92	9.78
445	281	29.74	5.41e-002	0.55	28.89	3.67	-0.49
	282	-29.74	-5.41e-002	-0.55	-28.89	-33.37	3.41
446	280	40.17	6.45e-002	0.37	12.17	-10.29	-1.44
	281	-40.17	-6.45e-002	-0.37	-12.17	-9.85	4.93
447	279	52.52	-1.24e-002	0.25	-14.22	-22.07	-4.44
	280	-52.52	1.24e-002	-0.25	14.22	8.74	3.77
448	278	83.41	-0.98	-4.52	-45.65	100.82	-40.89

	279	-83.41	0.98	4.52	45.65	143.46	-12.04
449	205	-7.28e-012	-2.82	-1.82e-012	-59.28	5.82e-011	-51.56
	176	7.28e-012	2.82	1.82e-012	59.28	5.82e-011	-100.63
450	204	0.00	-0.45	-1.82e-012	0.98	0.00	-17.56
	205	0.00	0.45	1.82e-012	-0.98	0.00	-6.66
451	203	0.00	-0.48	0.00	24.41	0.00	-14.71
	204	0.00	0.48	0.00	-24.41	0.00	-11.19
452	202	-3.64e-012	-0.28	5.46e-012	52.97	0.00	-11.24
	203	3.64e-012	0.28	-5.46e-012	-52.97	0.00	-3.80
453	175	3.64e-012	-0.22	1.82e-012	135.74	5.82e-011	-14.57
	202	-3.64e-012	0.22	-1.82e-012	-135.74	5.82e-011	2.60
454	101	590.05	59.82	-698.53	-4287.70	120128.89	11389.77
	201	-590.05	-59.82	698.53	4287.70	131343.21	10146.01
455	100	-183.03	-52.01	-856.38	-4287.70	150557.37	-8302.52
	200	183.03	52.01	856.38	4287.70	157740.95	-10422.61
456	99	-321.92	-218.17	-631.89	-4287.70	103560.06	-38399.63
	199	321.92	218.17	631.89	4287.70	123921.54	-40142.00
457	98	-575.27	-461.64	-1507.41	-13720.64	114818.36	-80883.52
	198	575.27	461.64	1507.41	13720.64	427849.15	-85308.60
458	97	-337.94	-63.99	-656.85	-4287.70	111187.12	-11062.10
	197	337.94	63.99	656.85	4287.70	125278.75	-11974.22
459	96	395.51	62.95	-628.54	-4287.70	101582.30	11732.18
	196	-395.51	-62.95	628.54	4287.70	124692.88	10929.19
460	95	486.65	201.06	-522.33	-4287.70	79920.48	36168.06
	195	-486.65	-201.06	522.33	4287.70	108118.43	36212.57
461	85	125.68	214.37	-51.13	-4287.70	-11051.50	38310.57
	185	-125.68	-214.37	51.13	4287.70	29457.66	38862.66
462	92	25.69	53.51	-41.77	-4287.70	-13746.00	9935.69
	192	-25.69	-53.51	41.77	4287.70	28783.30	9326.27
463	93	-64.68	-60.49	-38.61	-4287.70	-13222.97	-10201.57
	193	64.68	60.49	38.61	4287.70	27124.32	-11574.56
464	94	-112.23	-284.77	-6.78	-4287.70	-18234.26	-50621.54
	194	112.23	284.77	6.78	4287.70	20676.00	-51895.27
465	91	31.80	-272.55	87.33	-4287.70	-35432.46	-49136.30
	191	-31.80	272.55	-87.33	4287.70	3994.39	-48981.54
466	90	6.55	-65.66	118.96	-4287.70	-44674.22	-11666.35
	190	-6.55	65.66	-118.96	4287.70	1848.12	-11971.41
467	89	-8.41	54.46	119.08	-4287.70	-44700.57	10415.18
	189	8.41	-54.46	-119.08	4287.70	1832.82	9191.46
468	84	-34.56	216.16	81.02	-4287.70	-34834.52	39722.69
	184	34.56	-216.16	-81.02	4287.70	5666.69	38095.30
469	83	162.81	145.97	-44.86	-4287.70	1444.72	23459.36
	183	-162.81	-145.97	44.86	4287.70	14705.89	29091.61
470	86	64.19	43.90	-75.07	-4287.70	6922.84	7789.22
	186	-64.19	-43.90	75.07	4287.70	20104.06	8014.70
471	87	-113.70	-52.62	-85.18	-4287.70	8396.82	-8384.15
	187	113.70	52.62	85.18	4287.70	22268.90	-10557.60
472	88	-67.96	-229.12	-60.52	-4287.70	5639.42	-37972.22
	188	67.96	229.12	60.52	4287.70	16146.73	-44510.17
473	80	-18.28	49.30	27.07	-4287.70	-5608.52	9050.97
	180	18.28	-49.30	-27.07	4287.70	-4136.17	8695.82

474	81	42.81	-55.04	16.41	-4287.70	-4280.11	-8865.88
	181	-42.81	55.04	-16.41	4287.70	-1628.55	-10950.16
475	82	33.94	-235.10	18.23	-4287.70	-3058.39	-39475.10
	182	-33.94	235.10	-18.23	4287.70	-3503.12	-45161.63
476	73	-105.60	36.10	232.42	-4287.70	-38856.30	6504.63
	173	105.60	-36.10	-232.42	4287.70	-44815.15	6490.51
477	76	153.41	-60.41	202.83	-4287.70	-33425.91	-10354.15
	176	-153.41	60.41	-202.83	4287.70	-39591.95	-11391.91
478	72	57.91	40.21	261.67	-4287.70	-43076.13	7224.38
	172	-57.91	-40.21	-261.67	4287.70	-51126.70	7250.94
479	79	120.77	-251.23	110.24	-4287.70	-14208.82	-43270.27
	179	-120.77	251.23	-110.24	4287.70	-25478.81	-47172.38
480	75	131.61	-66.86	82.14	-4287.70	-1018.67	-11722.46
	175	-131.61	66.86	-82.14	4287.70	-28551.82	-12346.99
481	78	46.66	-268.53	24.86	-4287.70	10402.41	-47184.11
	178	-46.66	268.53	-24.86	4287.70	-19353.44	-49485.65
482	70	-137.45	14.81	230.12	-4287.70	-37426.74	-1758.35
	170	137.45	-14.81	-230.12	4287.70	-45415.77	7089.53
483	69	-42.98	24.83	332.73	-4287.70	-59285.96	1120.12
	169	42.98	-24.83	-332.73	4287.70	-60496.16	7818.62
484	66	166.28	246.04	310.57	-4287.70	-53786.71	39701.38
	166	-166.28	-246.04	-310.57	4287.70	-58018.92	48871.91
485	67	-257.13	156.30	223.35	-4287.70	-35835.47	20409.75
	167	257.13	-156.30	-223.35	4287.70	-44570.97	35858.91
486	64	-61.99	-25.48	231.77	-4287.70	-37816.82	-22876.19
	164	61.99	25.48	-231.77	4287.70	-45619.87	13704.92
487	63	17.35	15.81	326.01	-4287.70	-58149.49	-12213.53
	163	-17.35	-15.81	-326.01	4287.70	-59213.34	17905.27
488	61	-682.67	325.29	128.48	-4287.70	-16501.16	48042.93
	161	682.67	-325.29	-128.48	4287.70	-29751.24	69060.55
489	60	181.23	518.65	217.39	-4287.70	-33374.80	89538.03
	160	-181.23	-518.65	-217.39	4287.70	-44884.70	97175.48
490	59	37.16	290.94	256.71	-4287.70	-34080.02	38465.57
	159	-37.16	-290.94	-256.71	4287.70	-58333.86	66271.41
491	62	26.42	-10.68	408.41	-4287.70	-67625.24	-22677.95
	162	-26.42	10.68	-408.41	4287.70	-79403.35	18834.17
492	65	165.11	136.67	391.58	-4287.70	-63593.64	15244.57
	165	-165.11	-136.67	-391.58	4287.70	-77376.02	33955.75
493	68	-75.23	20.33	409.89	-4287.70	-67535.98	-1474.20
	168	75.23	-20.33	-409.89	4287.70	-80024.57	8794.73
494	71	43.20	47.56	435.67	-4287.70	-73422.82	8629.56
	171	-43.20	-47.56	-435.67	4287.70	-83420.07	8493.11
495	74	92.45	-45.00	403.66	-4287.70	-66143.33	-6317.95
	174	-92.45	45.00	-403.66	4287.70	-79175.96	-9880.66
496	77	-4.22	-195.69	217.27	-4287.70	-24912.40	-30978.72
	177	4.22	195.69	-217.27	4287.70	-53304.13	-39469.89
497	166	0.00	186.94	0.00	3833.67	0.00	22092.94
	167	0.00	-186.94	0.00	-3833.67	0.00	28381.18
498	165	-1.46e-011	136.26	0.00	562.62	0.00	27737.94
	166	1.46e-011	-136.26	0.00	-562.62	0.00	24039.32
499	163	1.46e-011	126.91	1.14e-013	-2129.19	-1.46e-011	26365.95

	160	-1.46e-011	-126.91	-1.14e-013	2129.19	-1.46e-011	28205.33
500	166	-1.46e-011	123.12	0.00	4467.09	2.91e-011	23583.93
	163	1.46e-011	-123.12	0.00	-4467.09	2.91e-011	24434.11
501	169	1.46e-011	114.55	0.00	-770.01	7.28e-012	24713.96
	166	-1.46e-011	-114.55	0.00	770.01	1.46e-011	24542.71
502	172	2.91e-011	186.14	-5.68e-014	2387.66	-1.46e-011	28779.97
	169	-2.91e-011	-186.14	5.68e-014	-2387.66	-1.46e-011	27061.62
503	160	2.91e-011	291.33	-4.55e-013	1677.65	1.16e-010	35811.72
	161	-2.91e-011	-291.33	4.55e-013	-1677.65	1.16e-010	42848.63
504	159	-2.91e-011	189.06	0.00	762.84	5.82e-011	37821.21
	160	2.91e-011	-189.06	0.00	-762.84	5.82e-011	34022.55
505	162	2.91e-011	193.27	4.55e-013	164.90	-5.82e-011	38976.55
	159	-2.91e-011	-193.27	-4.55e-013	-164.90	0.00	44130.32
506	165	-2.91e-011	176.52	-2.27e-013	5180.02	2.91e-011	34456.37
	162	2.91e-011	-176.52	2.27e-013	-5180.02	5.82e-011	34385.06
507	168	2.91e-011	167.76	0.00	377.02	0.00	35670.57
	165	-2.91e-011	-167.76	0.00	-377.02	1.46e-011	36465.66
508	171	0.00	259.58	1.14e-013	3817.34	-1.46e-011	38526.74
	168	0.00	-259.58	-1.14e-013	-3817.34	-2.18e-011	39347.54
509	174	0.00	277.93	5.68e-014	783.95	1.46e-011	42233.01
	171	0.00	-277.93	-5.68e-014	-783.95	7.28e-012	41146.64
510	177	-2.91e-011	140.29	5.68e-014	1174.99	-7.28e-012	38433.01
	174	2.91e-011	-140.29	-5.68e-014	-1174.99	1.46e-011	33115.25
511	164	0.00	102.19	4.55e-013	-1687.21	0.00	13739.22
	161	0.00	-102.19	-4.55e-013	1687.21	0.00	30203.63
512	167	0.00	164.19	-2.27e-013	12017.70	1.16e-010	32151.53
	164	0.00	-164.19	2.27e-013	-12017.70	5.82e-011	31880.66
513	170	0.00	75.91	0.00	58.23	0.00	16218.14
	167	0.00	-75.91	0.00	-58.23	2.91e-011	16422.69
514	173	5.82e-011	213.36	1.14e-013	7147.77	-2.91e-011	34809.38
	170	-5.82e-011	-213.36	-1.14e-013	-7147.77	-1.46e-011	29197.64
515	176	0.00	63.73	-5.68e-014	999.61	-1.27e-011	10596.20
	173	0.00	-63.73	5.68e-014	-999.61	-1.46e-011	8522.56
516	179	0.00	46.33	-5.68e-014	337.81	7.28e-012	12936.42
	176	0.00	-46.33	5.68e-014	-337.81	-7.28e-012	10692.87
517	186	-9.09e-013	-37.74	-2.84e-014	857.09	7.28e-012	-6725.44
	183	9.09e-013	37.74	2.84e-014	-857.09	1.46e-011	-8372.38
518	187	-1.82e-012	-55.98	2.84e-014	650.55	1.82e-012	-7813.68
	186	1.82e-012	55.98	-2.84e-014	-650.55	-7.28e-012	-8978.92
519	188	2.73e-012	-25.12	-8.53e-014	378.48	-1.46e-011	-7537.28
	187	-2.73e-012	25.12	8.53e-014	-378.48	-1.46e-011	-5272.10
520	196	2.91e-011	-307.87	5.68e-014	1317.43	-2.91e-011	-57576.76
	195	-2.91e-011	307.87	-5.68e-014	-1317.43	-2.18e-011	-64804.98
521	197	-2.91e-011	-253.22	2.84e-014	276.33	-3.64e-012	-39636.87
	196	2.91e-011	253.22	-2.84e-014	-276.33	-7.28e-012	-36327.95
522	198	0.00	-187.44	-8.53e-014	929.45	0.00	-51624.98
	197	0.00	187.44	8.53e-014	-929.45	0.00	-40227.09
523	200	0.00	-572.69	1.71e-013	558.00	-2.00e-011	-80461.82
	201	0.00	572.69	-1.71e-013	-558.00	-2.91e-011	-89919.62
524	199	-2.91e-011	-301.08	-1.14e-013	1015.75	0.00	-73213.09
	200	2.91e-011	301.08	1.14e-013	-1015.75	2.91e-011	-67546.03

525	185	0.00	109.45	0.00	-5553.78	0.00	28062.61
	195	0.00	-109.45	0.00	5553.78	-2.91e-011	31860.60
526	184	7.28e-012	43.16	5.68e-014	5928.81	-2.91e-011	14712.78
	185	-7.28e-012	-43.16	-5.68e-014	-5928.81	-4.37e-011	11616.64
527	183	-7.28e-012	74.59	-1.99e-013	7062.10	4.37e-011	21812.55
	184	7.28e-012	-74.59	1.99e-013	-7062.10	3.64e-011	19214.16
528	196	0.00	27.70	5.68e-014	12120.55	-2.91e-011	10610.27
	201	0.00	-27.70	-5.68e-014	-12120.55	0.00	11617.46
529	192	0.00	21.45	2.27e-013	-8281.71	0.00	6708.60
	196	0.00	-21.45	-2.27e-013	8281.71	0.00	4982.22
530	189	0.00	10.97	1.14e-013	6080.03	5.82e-011	3737.19
	192	0.00	-10.97	-1.14e-013	-6080.03	1.46e-011	2953.14
531	186	0.00	19.38	0.00	7912.85	-2.91e-011	5205.86
	189	0.00	-19.38	0.00	-7912.85	-7.28e-012	5454.27
532	180	9.09e-013	7.93	-1.42e-014	3676.98	0.00	2470.68
	186	-9.09e-013	-7.93	1.42e-014	-3676.98	7.28e-012	2602.46
533	173	0.00	26.21	5.68e-014	-459.18	0.00	8452.25
	180	0.00	-26.21	-5.68e-014	459.18	0.00	6225.15
534	172	-1.82e-012	-18.12	0.00	7066.83	1.16e-010	-3427.78
	173	1.82e-012	18.12	0.00	-7066.83	2.33e-010	-1463.96
535	171	0.00	73.49	0.00	-1089.61	0.00	13014.46
	172	0.00	-73.49	0.00	1089.61	0.00	14911.56
536	174	0.00	-54.96	0.00	-2047.75	-1.16e-010	-10147.33
	175	0.00	54.96	0.00	2047.75	-2.33e-010	-10735.74
537	198	7.28e-012	-89.08	0.00	2753.03	-2.91e-011	-34884.09
	199	-7.28e-012	89.08	0.00	-2753.03	-2.91e-011	-36186.22
538	194	-1.46e-011	-154.05	1.14e-013	2190.82	0.00	-38049.68
	198	1.46e-011	154.05	-1.14e-013	-2190.82	-2.91e-011	-46720.55
539	191	0.00	-63.98	1.14e-013	7650.44	-2.91e-011	-21839.66
	194	0.00	63.98	-1.14e-013	-7650.44	4.37e-011	-17188.46
540	188	0.00	-91.25	-2.84e-014	7436.60	-1.46e-011	-23982.27
	191	0.00	91.25	2.84e-014	-7436.60	2.91e-011	-26206.57
541	182	1.46e-011	-66.15	1.42e-014	4822.53	-3.64e-012	-21250.58
	188	-1.46e-011	66.15	-1.42e-014	-4822.53	0.00	-21083.80
542	179	0.00	-89.97	-1.71e-013	3351.96	0.00	-25008.55
	182	0.00	89.97	1.71e-013	-3351.96	0.00	-25373.69
543	178	-2.91e-011	-163.58	0.00	5428.67	0.00	-21117.97
	179	2.91e-011	163.58	0.00	-5428.67	-1.16e-010	-23049.58
544	177	0.00	-178.21	0.00	-544.29	0.00	-37446.84
	178	0.00	178.21	0.00	544.29	-2.33e-010	-30271.19
545	66	0.00	648.12	0.00	-17.23	-2.91e-011	79006.26
	67	0.00	-648.12	0.00	17.23	-2.91e-011	95985.40
546	65	0.00	394.70	0.00	3250.95	-1.46e-011	82999.82
	66	0.00	-394.70	0.00	-3250.95	-1.46e-011	66985.84
547	63	1.46e-011	520.47	0.00	-22219.91	8.73e-011	95023.68
	60	-1.46e-011	-520.47	0.00	22219.91	8.73e-011	128777.78
548	66	-1.46e-011	403.01	2.27e-013	28933.36	2.91e-011	82543.08
	63	1.46e-011	-403.01	-2.27e-013	-28933.36	0.00	74631.23
549	69	1.46e-011	357.43	-5.68e-014	-245.94	0.00	72775.09
	66	-1.46e-011	-357.43	5.68e-014	245.94	0.00	80919.47
550	72	0.00	763.57	-1.14e-013	13420.78	0.00	130366.94

	69	0.00	-763.57	1.14e-013	-13420.78	7.28e-012	98704.33
551	60	2.91e-011	1360.22	0.00	1062.88	0.00	159336.03
	61	-2.91e-011	-1360.22	0.00	-1062.88	5.82e-011	207924.16
552	59	1.46e-011	856.61	-2.27e-013	8939.45	0.00	185124.80
	60	-1.46e-011	-856.61	2.27e-013	-8939.45	0.00	140387.41
553	62	-2.91e-011	590.45	-2.27e-013	-7226.38	8.73e-011	114170.58
	59	2.91e-011	-590.45	2.27e-013	7226.38	8.73e-011	139724.34
554	65	-2.91e-011	519.23	0.00	18736.81	-2.91e-011	103092.37
	62	2.91e-011	-519.23	0.00	-18736.81	0.00	99407.60
555	68	1.46e-011	454.16	5.68e-014	4929.62	0.00	96190.01
	65	-1.46e-011	-454.16	-5.68e-014	-4929.62	7.28e-012	99100.69
556	71	0.00	756.26	1.14e-013	11860.11	-1.46e-011	110109.57
	68	0.00	-756.26	-1.14e-013	-11860.11	-1.46e-011	116769.43
557	74	2.91e-011	783.83	7.11e-014	3432.25	2.09e-011	121674.62
	71	-2.91e-011	-783.83	-7.11e-014	-3432.25	1.46e-011	113474.10
558	77	-2.91e-011	467.38	2.84e-014	3415.83	-1.46e-011	132428.63
	74	2.91e-011	-467.38	-2.84e-014	-3415.83	-1.46e-011	105935.65
559	64	0.00	279.08	0.00	-9367.61	2.91e-011	52548.89
	61	0.00	-279.08	0.00	9367.61	0.00	67455.89
560	67	0.00	278.71	0.00	19507.78	0.00	55239.05
	64	0.00	-278.71	0.00	-19507.78	-2.91e-011	53459.24
561	70	0.00	214.61	1.14e-013	3593.46	0.00	45493.74
	67	0.00	-214.61	-1.14e-013	-3593.46	-7.28e-012	46788.90
562	73	0.00	389.17	5.68e-014	10979.50	-1.46e-011	57019.47
	70	0.00	-389.17	-5.68e-014	-10979.50	-1.46e-011	59732.61
563	76	0.00	396.92	4.26e-014	2315.02	-7.28e-012	61805.17
	73	0.00	-396.92	-4.26e-014	-2315.02	-1.09e-011	57269.50
564	79	7.28e-012	305.04	-3.55e-015	482.20	0.00	85619.64
	76	-7.28e-012	-305.04	3.55e-015	-482.20	0.00	69953.30
565	86	3.41e-012	-409.58	0.00	4440.86	7.28e-012	-80238.21
	83	-3.41e-012	409.58	0.00	-4440.86	0.00	-83595.41
566	87	-1.14e-013	-47.83	-1.42e-014	373.39	1.36e-012	-7152.87
	86	1.14e-013	47.83	1.42e-014	-373.39	1.82e-012	-7194.90
567	88	-4.55e-013	-323.52	0.00	679.63	0.00	-82349.07
	87	4.55e-013	323.52	0.00	-679.63	0.00	-82643.69
568	96	-1.46e-011	-967.80	0.00	1830.48	0.00	-184246.05
	95	1.46e-011	967.80	0.00	-1830.48	-1.09e-011	-200463.32
569	97	-1.46e-011	-994.06	-1.42e-014	257.21	-4.55e-013	-143606.34
	96	1.46e-011	994.06	1.42e-014	-257.21	0.00	-154612.92
570	98	1.46e-011	-1094.13	-7.11e-015	571.30	2.73e-012	-307977.66
	97	-1.46e-011	1094.13	7.11e-015	-571.30	0.00	-228174.08
571	100	2.91e-011	-1531.77	5.68e-014	1560.01	-6.59e-012	-213868.06
	101	-2.91e-011	1531.77	-5.68e-014	-1560.01	-3.64e-012	-241848.69
572	99	0.00	-841.62	-2.84e-014	1396.00	1.46e-011	-212176.96
	100	0.00	841.62	2.84e-014	-1396.00	2.18e-011	-181286.32
573	85	-7.28e-012	113.99	0.00	-14578.63	0.00	30199.98
	95	7.28e-012	-113.99	0.00	14578.63	-2.91e-011	32209.29
574	84	-3.64e-012	24.87	-2.84e-014	5934.04	-1.46e-011	5687.48
	85	3.64e-012	-24.87	2.84e-014	-5934.04	-1.46e-011	9484.84
575	83	0.00	156.18	-5.68e-014	26963.57	3.64e-011	56765.18
	84	0.00	-156.18	5.68e-014	-26963.57	3.64e-011	29135.19

576	96	4.55e-013	9.46	5.68e-014	6171.68	-1.46e-011	3865.21
	101	-4.55e-013	-9.46	-5.68e-014	-6171.68	0.00	3723.63
577	92	0.00	-11.73	-1.14e-013	-22582.09	0.00	-1989.57
	96	0.00	11.73	1.14e-013	22582.09	0.00	-4401.24
578	89	0.00	-17.07	-2.84e-014	3445.53	1.46e-011	-5785.00
	92	0.00	17.07	2.84e-014	-3445.53	-1.46e-011	-4626.08
579	86	0.00	2.33	0.00	32250.85	7.28e-012	3059.63
	89	0.00	-2.33	0.00	-32250.85	-3.64e-012	-1775.67
580	80	0.00	5.21	1.42e-014	11019.73	0.00	724.95
	86	0.00	-5.21	-1.42e-014	-11019.73	0.00	2607.13
581	73	0.00	18.18	5.68e-014	4866.73	0.00	6791.43
	80	0.00	-18.18	-5.68e-014	-4866.73	-2.91e-011	3389.35
582	72	-1.82e-012	4.61	-1.82e-012	10176.14	1.16e-010	-214.25
	73	1.82e-012	-4.61	1.82e-012	-10176.14	1.16e-010	1458.88
583	71	-2.73e-012	68.67	0.00	966.44	0.00	11685.85
	72	2.73e-012	-68.67	0.00	-966.44	0.00	14410.61
584	97	1.82e-012	-50.79	0.00	3384.33	-2.91e-011	-18693.16
	100	-1.82e-012	50.79	0.00	-3384.33	-1.46e-011	-21937.39
585	93	0.00	-79.16	0.00	-26533.60	0.00	-22363.44
	97	0.00	79.16	0.00	26533.60	0.00	-20780.67
586	90	1.82e-012	-54.66	0.00	2864.55	0.00	-15321.85
	93	-1.82e-012	54.66	0.00	-2864.55	0.00	-18023.07
587	87	-3.64e-012	-83.62	2.84e-014	32446.05	1.46e-011	-26049.80
	90	3.64e-012	83.62	-2.84e-014	-32446.05	1.09e-011	-19940.47
588	81	0.00	-80.38	-1.42e-014	10887.87	-9.09e-012	-25428.68
	87	0.00	80.38	1.42e-014	-10887.87	-1.46e-011	-26016.22
589	76	0.00	-91.90	-5.68e-014	6203.60	0.00	-24258.00
	81	0.00	91.90	5.68e-014	-6203.60	0.00	-27204.02
590	75	-7.28e-012	-204.30	-9.09e-013	38297.46	-1.16e-010	-25415.70
	76	7.28e-012	204.30	9.09e-013	-38297.46	-1.16e-010	-29746.55
591	74	3.64e-012	-211.43	0.00	-17362.98	-5.82e-011	-47336.14
	75	-3.64e-012	211.43	0.00	17362.98	-5.82e-011	-33006.54
592	98	0.00	-139.09	0.00	-6677.66	0.00	-56043.27
	99	0.00	139.09	0.00	6677.66	0.00	-54928.88
593	94	7.28e-012	-260.45	1.14e-013	2328.40	-2.91e-011	-65666.10
	98	-7.28e-012	260.45	-1.14e-013	-2328.40	-2.91e-011	-77651.32
594	91	0.00	-78.92	0.00	7310.55	0.00	-24138.50
	94	0.00	78.92	0.00	-7310.55	-1.46e-011	-24005.50
595	88	0.00	-214.48	-4.26e-014	28561.75	2.18e-011	-69377.83
	91	0.00	214.48	4.26e-014	-28561.75	1.82e-011	-48586.00
596	82	7.28e-012	-232.60	0.00	11690.66	-1.82e-012	-73233.25
	88	-7.28e-012	232.60	0.00	-11690.66	0.00	-75633.21
597	79	0.00	-258.68	-5.68e-014	11110.39	-1.46e-011	-69174.42
	82	0.00	258.68	5.68e-014	-11110.39	0.00	-75687.42
598	78	1.46e-011	-593.85	0.00	32907.58	0.00	-73484.77
	79	-1.46e-011	593.85	0.00	-32907.58	0.00	-86853.81
599	77	0.00	-578.93	0.00	-1985.06	5.82e-011	-129297.17
	78	0.00	578.93	0.00	1985.06	0.00	-90694.93
648	122	0.00	-12.23	-5.68e-014	670.94	-3.64e-012	-464.39
	47	0.00	12.23	5.68e-014	-670.94	0.00	-1086.80
649	121	0.00	-1.69	1.14e-013	519.48	0.00	-167.57

	122	0.00	1.69	-1.14e-013	-519.48	7.28e-012	-46.69
650	120	0.00	-1.71	-2.27e-013	411.10	2.91e-011	-55.99
	121	0.00	1.71	2.27e-013	-411.10	1.46e-011	-160.82
651	48	7.28e-012	-12.56	0.00	-392.27	-1.46e-011	-1187.81
	120	-7.28e-012	12.56	0.00	392.27	-1.46e-011	-405.68
652	119	0.00	-33.49	4.55e-013	372.24	1.46e-011	-633.83
	46	0.00	33.49	-4.55e-013	-372.24	1.46e-011	-1878.04
653	118	1.46e-011	-8.09	0.00	471.08	0.00	-479.07
	119	-1.46e-011	8.09	0.00	-471.08	-1.46e-011	-127.31
654	117	-1.46e-011	-8.32	0.00	455.69	-7.28e-012	-146.68
	118	1.46e-011	8.32	0.00	-455.69	-7.28e-012	-477.37
655	47	0.00	-31.17	3.02e-013	288.74	1.82e-012	-1722.40
	117	0.00	31.17	-3.02e-013	-288.74	1.27e-011	-615.28
656	116	1.46e-011	-20.81	0.00	-273.01	2.91e-011	-457.79
	41	-1.46e-011	20.81	0.00	273.01	0.00	-1610.36
657	115	0.00	-3.54	9.09e-013	376.84	0.00	-289.12
	116	0.00	3.54	-9.09e-013	-376.84	2.91e-011	-62.19
658	114	0.00	-3.46	0.00	518.28	5.82e-011	-45.75
	115	0.00	3.46	0.00	-518.28	2.91e-011	-298.18
659	46	-1.46e-011	-19.91	0.00	652.91	0.00	-1450.00
	114	1.46e-011	19.91	0.00	-652.91	0.00	-528.43
660	113	-1045.83	-328.71	373.89	-6242.05	-1035.63	18392.36
	48	1045.83	328.71	-373.89	6242.05	-34484.35	-49619.60
661	112	-492.69	-176.51	19.18	-13839.49	-3345.06	-6663.11
	113	492.69	176.51	-19.18	13839.49	1522.95	-10105.49
662	111	-479.29	-211.33	3.23	-11991.65	1239.27	-33216.92
	112	479.29	211.33	-3.23	11991.65	-1546.28	13140.45
663	5	-759.32	-512.53	-78.03	348.26	3924.70	-92743.03
	111	759.32	512.53	78.03	-348.26	3487.86	44052.27
664	110	143.18	-121.80	447.47	-13269.13	-1802.43	2892.43
	47	-143.18	121.80	-447.47	13269.13	-40707.48	-14463.23
665	109	-21.58	-44.11	-8.10	-13002.23	-2396.36	-3837.07
	110	21.58	44.11	8.10	13002.23	3166.13	-353.64
666	108	-95.72	-72.24	1.61	-12247.13	847.51	-13590.66
	109	95.72	72.24	-1.61	12247.13	-1000.67	6728.28
667	4	-194.47	-301.37	-109.58	-9835.32	6412.72	-45756.51
	108	194.47	301.37	109.58	9835.32	3997.66	17126.70
668	107	-100.52	78.74	530.59	-13844.47	-3868.15	-2867.87
	46	100.52	-78.74	-530.59	13844.47	-46538.27	10347.97
669	106	3.96	20.63	-13.38	-13418.55	-1854.43	-354.88
	107	-3.96	-20.63	13.38	13418.55	3125.95	2314.81
670	105	64.77	29.36	-0.84	-11843.02	1043.57	3395.17
	106	-64.77	-29.36	0.84	11843.02	-963.52	-605.96
671	3	158.73	125.50	-102.70	-9247.76	5953.35	16401.52
	105	-158.73	-125.50	102.70	9247.76	3803.51	-4479.39
672	104	931.35	271.01	458.66	-6205.43	-3297.63	-11814.18
	41	-931.35	-271.01	-458.66	6205.43	-40274.86	37560.46
673	103	452.93	122.69	6.67	-12264.01	-2530.87	3189.53
	104	-452.93	-122.69	-6.67	12264.01	1896.75	8465.73
674	102	441.52	143.78	0.84	-11288.73	1250.82	20707.61
	103	-441.52	-143.78	-0.84	11288.73	-1330.92	-7048.92

675	1	723.78	395.99	-65.70	-1966.76	3358.13	62548.43
	102	-723.78	-395.99	65.70	1966.76	2883.44	-24929.24
676	54	-1.14e-013	-13.76	-7.11e-015	1511.76	0.00	-4978.22
	57	1.14e-013	13.76	7.11e-015	-1511.76	-1.82e-012	-6027.97
677	50	-4.55e-013	-129.86	7.11e-015	-16966.22	5.46e-012	-28701.79
	54	4.55e-013	129.86	-7.11e-015	16966.22	-7.28e-012	-42071.58
678	47	1.14e-012	-135.47	0.00	25274.32	0.00	-50841.47
	50	-1.14e-012	135.47	0.00	-25274.32	0.00	-31796.08
679	53	0.00	1.13	-3.55e-015	2595.76	-3.64e-012	1121.16
	58	0.00	-1.13	3.55e-015	-2595.76	-3.64e-012	-212.53
680	49	-1.82e-012	-8.81	-3.55e-015	-15944.53	-1.82e-012	-3095.42
	53	1.82e-012	8.81	3.55e-015	15944.53	-1.82e-012	-1708.59
681	46	0.00	3.95	-1.42e-014	24966.66	-3.64e-012	3856.16
	49	0.00	-3.95	1.42e-014	-24966.66	0.00	-1448.47
682	42	0.00	135.68	-2.66e-014	-8173.15	-5.46e-012	30626.22
	52	0.00	-135.68	2.66e-014	8173.15	1.82e-012	43655.93
683	41	0.00	160.08	-1.42e-014	21912.01	-3.64e-012	63053.74
	42	0.00	-160.08	1.42e-014	-21912.01	-7.28e-012	34592.29
684	53	-3.64e-012	-1026.31	0.00	4003.99	0.00	-193025.24
	52	3.64e-012	1026.31	0.00	-4003.99	0.00	-214942.05
685	54	-3.64e-012	-1422.26	0.00	5198.10	-1.46e-011	-210548.77
	53	3.64e-012	1422.26	0.00	-5198.10	-9.09e-012	-216130.32
686	55	1.82e-012	-1074.22	-2.84e-014	2903.11	7.28e-012	-307571.35
	54	-1.82e-012	1074.22	2.84e-014	-2903.11	7.28e-012	-218824.68
687	57	-2.91e-011	-2078.76	8.53e-014	8688.31	0.00	-299876.57
	58	2.91e-011	2078.76	-8.53e-014	-8688.31	-1.82e-012	-318576.23
688	56	7.28e-012	-1126.95	-7.11e-014	4823.94	7.28e-012	-278649.16
	57	-7.28e-012	1126.95	7.11e-014	-4823.94	0.00	-248208.45
689	55	0.00	-123.27	-7.11e-015	-2709.57	0.00	-45195.52
	56	0.00	123.27	7.11e-015	2709.57	1.82e-012	-53155.07
690	51	3.64e-012	-293.79	3.91e-014	9829.59	-2.18e-011	-68030.31
	55	-3.64e-012	293.79	-3.91e-014	-9829.59	-2.00e-011	-93637.68
691	48	0.00	-310.20	0.00	23906.42	0.00	-119734.18
	51	0.00	310.20	0.00	-23906.42	0.00	-69486.53
692	34	-115.76	-615.87	717.57	-7569.42	-145617.07	-113819.84
	77	115.76	615.87	-717.57	7569.42	-105531.18	-101734.28
693	31	197.47	-246.94	881.51	-7569.42	-164424.57	-45392.79
	74	-197.47	246.94	-881.51	7569.42	-144103.96	-41034.61
694	28	84.30	-30.10	911.36	-7569.42	-167849.03	-5162.39
	71	-84.30	30.10	-911.36	7569.42	-151127.28	-5371.57
695	25	-377.33	93.72	887.12	-7569.42	-165067.94	24396.36
	68	377.33	-93.72	-887.12	7569.42	-145423.45	8404.69
696	22	624.87	380.83	871.93	-7569.42	-163325.76	79342.32
	65	-624.87	-380.83	-871.93	7569.42	-141850.37	53948.06
697	19	97.64	443.11	889.37	-7569.42	-165326.10	106448.90
	62	-97.64	-443.11	-889.37	7569.42	-145952.94	48641.14
698	16	303.32	922.54	756.04	-7569.42	-150030.98	183457.24
	59	-303.32	-922.54	-756.04	7569.42	-114583.77	139432.85
699	35	31.74	-680.73	378.88	-7569.42	-87314.09	-121261.02
	78	-31.74	680.73	-378.88	7569.42	-45295.04	-116995.59
700	32	138.73	-271.01	418.61	-7569.42	-91871.42	-48155.05

	75	-138.73	271.01	-418.61	7569.42	-54641.77	-46699.78
701	29	757.41	-34.68	596.52	-7569.42	-112281.10	-5687.63
	72	-757.41	34.68	-596.52	7569.42	-96500.52	-6448.80
702	26	-449.12	111.32	663.22	-7569.42	-119932.73	26415.89
	69	449.12	-111.32	-663.22	7569.42	-112193.45	12546.60
703	23	465.28	479.28	638.63	-7569.42	-117111.67	90636.41
	66	-465.28	-479.28	-638.63	7569.42	-106407.66	77111.42
704	20	134.81	505.70	660.29	-7569.42	-119597.26	113628.91
	63	-134.81	-505.70	-660.29	7569.42	-111505.41	63366.81
705	17	164.38	1128.82	558.38	-7569.42	-107905.46	207121.02
	60	-164.38	-1128.82	-558.38	7569.42	-87526.41	187965.50
706	36	760.98	-664.77	338.50	-7569.42	-68862.28	-119429.93
	79	-760.98	664.77	-338.50	7569.42	-49613.63	-113240.16
707	33	357.69	-265.84	409.16	-7569.42	-76968.41	-47561.87
	76	-357.69	265.84	-409.16	7569.42	-66238.70	-45483.23
708	30	-99.77	-36.67	425.67	-7569.42	-78862.46	-5916.79
	73	99.77	36.67	-425.67	7569.42	-70123.26	-6918.79
709	27	-312.01	96.86	415.80	-7569.42	-77729.48	24757.02
	70	312.01	-96.86	-415.80	7569.42	-67799.60	9144.38
710	24	-841.14	405.11	409.04	-7569.42	-76954.27	82128.02
	67	841.14	-405.11	-409.04	7569.42	-66209.70	59661.32
711	21	-61.63	456.33	417.46	-7569.42	-77920.47	107965.50
	64	61.63	-456.33	-417.46	7569.42	-68191.31	51751.59
712	18	-2321.98	969.64	339.69	-7569.42	-68997.94	188860.05
	61	2321.98	-969.64	-339.69	7569.42	-49891.85	150513.61
713	39	60.02	-648.64	-4.72	-7569.42	-825.38	-117579.74
	82	-60.02	648.64	4.72	7569.42	2478.13	-109445.57
714	38	54.32	-258.55	7.53	-7569.42	-2230.74	-46724.98
	81	-54.32	258.55	-7.53	7569.42	-404.16	-43766.82
715	37	-31.26	-28.25	8.12	-7569.42	-2299.16	-4950.34
	80	31.26	28.25	-8.12	7569.42	-544.48	-4936.68
716	45	-373.34	-641.85	-389.08	-7569.42	76025.45	-116800.58
	88	373.34	641.85	389.08	7569.42	60154.21	-107847.56
717	44	158.75	-256.89	-387.76	-7569.42	75873.01	-46534.23
	87	-158.75	256.89	387.76	7569.42	59841.56	-43375.61
718	43	-300.44	-33.58	-385.37	-7569.42	75598.79	-5561.41
	86	300.44	33.58	385.37	7569.42	59279.15	-6189.93
719	40	728.57	240.70	-369.07	-7569.42	73729.52	46376.61
	83	-728.57	-240.70	369.07	7569.42	55445.42	37868.65
720	48	167.35	-87.61	-470.06	-2193.59	107617.24	-7204.05
	91	-167.35	87.61	470.06	2193.59	56904.21	-23457.87
721	47	35.50	-105.82	-687.86	-3513.70	166494.42	-13439.54
	90	-35.50	105.82	687.86	3513.70	74255.72	-23595.97
722	46	-27.82	-110.91	-681.47	-3513.70	165010.25	-20842.20
	89	27.82	110.91	681.47	3513.70	73505.89	-17975.85
723	41	-165.87	-57.37	-463.46	-2193.59	106215.89	-15055.05
	84	165.87	57.37	463.46	2193.59	55996.21	-5022.88
724	51	-293.75	-223.50	-215.37	-2193.59	50074.69	-39134.23
	94	293.75	223.50	215.37	2193.59	25305.90	-39090.88
725	50	-89.18	-175.83	-346.76	-3513.70	78743.59	-31356.41
	93	89.18	175.83	346.76	3513.70	42621.11	-30184.94

726	49	31.03	-93.15	-334.74	-3513.70	77387.02	-16050.80
	92	-31.03	93.15	334.74	3513.70	39773.62	-16551.34
727	42	214.80	9.16	-252.49	-2193.59	56805.58	1832.59
	85	-214.80	-9.16	252.49	2193.59	31564.17	1374.26
728	55	-1548.05	-264.58	-1499.86	-7019.48	318749.84	-42687.12
	98	1548.05	264.58	1499.86	7019.48	206201.33	-49915.93
729	54	-209.49	-130.72	-1360.09	-3513.70	245375.40	-19982.06
	97	209.49	130.72	1360.09	3513.70	230657.67	-25769.48
730	53	442.96	-89.23	-1256.58	-3513.70	231283.23	-16248.27
	96	-442.96	89.23	1256.58	3513.70	208519.81	-14980.99
731	52	1340.46	-27.25	-651.99	-2193.59	122225.51	-6147.35
	95	-1340.46	27.25	651.99	2193.59	105971.76	-3389.07
732	56	-1024.45	-64.68	-633.22	-2193.59	118131.63	-5681.80
	99	1024.45	64.68	633.22	2193.59	103495.43	-16957.08
733	57	-822.39	-52.55	-1442.41	-3513.70	256891.51	-3767.19
	100	822.39	52.55	1442.41	3513.70	247950.62	-14626.56
734	58	2112.36	-45.59	-768.03	-2193.59	140903.59	-7797.55
	101	-2112.36	45.59	768.03	2193.59	127907.63	-8157.70
735	15	4189.98	65.41	-1086.23	-7931.23	232439.51	11266.69
	58	-4189.98	-65.41	1086.23	7931.23	180329.49	13587.91
736	14	-1760.44	-97.39	-1720.68	-12088.45	361267.03	-29689.31
	57	1760.44	97.39	1720.68	12088.45	292592.33	-7317.49
737	13	-2028.13	-334.58	-1004.08	-7931.23	222219.48	-76277.70
	56	2028.13	334.58	1004.08	7931.23	159329.92	-50862.33
738	9	2231.09	294.77	-556.97	-7931.23	127084.60	59556.87
	52	-2231.09	-294.77	556.97	7931.23	84564.33	52455.39
739	10	848.87	80.46	-965.17	-12088.45	207456.48	14925.28
	53	-848.87	-80.46	965.17	12088.45	159306.55	15649.15
740	11	-441.43	-174.74	-989.26	-12088.45	210441.43	-39270.43
	54	441.43	174.74	989.26	12088.45	165479.06	-27130.09
741	12	-2451.75	-549.20	-1132.05	-15844.58	424558.52	-113241.06
	55	2451.75	549.20	1132.05	15844.58	5620.71	-95456.36
742	2	190.40	337.53	-15.79	-7931.23	32719.03	64876.52
	42	-190.40	-337.53	15.79	7931.23	-26720.42	63385.92
743	6	18.27	57.75	22.38	-7931.23	27971.29	10437.50
	49	-18.27	-57.75	-22.38	7931.23	-36475.82	11506.91
744	7	-83.57	-159.26	22.49	-7931.23	27958.04	-31375.70
	50	83.57	159.26	-22.49	7931.23	-36503.05	-29141.46
745	8	-277.34	-529.31	12.03	-7931.23	29259.25	-102477.57
	51	277.34	529.31	-12.03	7931.23	-33829.39	-98660.80

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-1.52e-002	7.15e-002	-2.18e-002	30.60	-9.43	1.40
	472	-1.56e-002	6.47e-002	-9.01e-003	15.30	12.08	23.25
	473	-2.51e-002	6.41e-002	-2.57e-002	82.68	5.28	17.68
	382	-2.46e-002	7.09e-002	-3.85e-002	36.45	32.57	-4.18
105	378	2.19e-003	7.13e-002	8.96e-003	9.80	-0.67	-7.08
	467	3.36e-003	8.94e-002	-5.63e-004	2.52	6.51e-002	-2.90
	472	-1.41e-002	8.82e-002	-5.35e-003	6.56	12.17	5.22
	381	-1.53e-002	7.02e-002	4.17e-003	20.36	2.91	1.04
106	377	-2.19e-003	5.43e-002	8.49e-003	3.12	-0.32	-11.36
	466	-3.09e-004	8.33e-002	2.95e-003	0.66	-0.84	-9.99
	467	2.98e-003	8.35e-002	9.30e-004	0.21	4.66	-6.26

	378	1.10e-003	5.45e-002	6.48e-003	8.38	-0.37	-7.63
107	374	-2.79e-004	4.69e-002	9.44e-003	0.94	-0.17	-12.56
	465	1.21e-003	6.99e-002	3.60e-003	0.19	-0.42	-12.13
	466	-1.19e-003	6.97e-002	4.70e-003	-0.19	1.30	-10.90
	377	-2.68e-003	4.68e-002	1.05e-002	2.79	-0.43	-11.32
108	373	-2.39e-004	3.65e-002	1.04e-002	0.27	-8.50e-002	-12.87
	464	9.75e-004	5.52e-002	3.17e-003	5.36e-002	-0.17	-12.74
	465	2.53e-004	5.51e-002	2.57e-003	-8.37e-002	0.29	-12.38
	374	-9.61e-004	3.64e-002	9.76e-003	0.84	-0.23	-12.50
109	370	-3.06e-005	2.71e-002	1.00e-002	7.44e-002	-4.24e-002	-12.94
	459	8.48e-004	4.06e-002	3.10e-003	1.56e-002	-7.06e-002	-12.90
	464	2.63e-005	4.06e-002	3.38e-003	-2.73e-002	4.51e-002	-12.81
	373	-8.52e-004	2.70e-002	1.03e-002	0.24	-0.10	-12.84
110	369	1.06e-004	1.74e-002	1.02e-002	1.69e-002	-3.02e-002	-12.95
	458	6.74e-004	2.61e-002	3.15e-003	4.39e-003	-4.24e-002	-12.94
	459	-9.90e-005	2.60e-002	3.04e-003	-8.01e-003	-8.03e-003	-12.92
	370	-6.67e-004	1.73e-002	1.01e-002	6.51e-002	-4.60e-002	-12.93
111	366	2.74e-004	7.71e-003	1.01e-002	4.40e-003	-4.73e-002	-12.95
	457	5.25e-004	1.16e-002	3.17e-003	1.83e-004	-5.65e-002	-12.95
	458	-2.73e-004	1.15e-002	3.17e-003	-1.68e-003	-2.51e-002	-12.95
	369	-5.24e-004	7.66e-003	1.01e-002	1.51e-002	-3.31e-002	-12.95
112	365	4.16e-004	-1.93e-003	1.01e-002	2.89e-002	-0.12	-12.94
	456	3.51e-004	-2.94e-003	3.05e-003	-5.40e-003	-0.12	-12.94
	457	-4.22e-004	-2.99e-003	3.15e-003	2.71e-003	-5.86e-002	-12.94
	366	-3.56e-004	-1.98e-003	1.02e-002	7.77e-003	-5.44e-002	-12.94
113	303	5.97e-004	-1.17e-002	1.03e-002	0.17	-0.31	-12.95
	453	2.21e-004	-1.74e-002	3.37e-003	-2.30e-002	-0.25	-12.98
	456	-5.96e-004	-1.75e-002	3.11e-003	1.48e-002	-0.16	-12.95
	365	-2.20e-004	-1.17e-002	1.00e-002	4.31e-002	-0.13	-12.91
114	300	6.15e-004	-2.11e-002	9.84e-003	0.76	-0.82	-13.12
	452	-9.64e-005	-3.20e-002	2.60e-003	-6.94e-002	-0.48	-13.25
	453	-7.27e-004	-3.20e-002	3.11e-003	6.18e-002	-0.44	-13.02
	303	-1.54e-005	-2.11e-002	1.04e-002	0.22	-0.36	-12.88
115	299	1.91e-003	-3.14e-002	1.07e-002	2.82	-2.00	-13.93
	451	9.11e-004	-4.67e-002	4.61e-003	-7.47e-002	-0.68	-14.43
	452	-1.06e-003	-4.69e-002	3.68e-003	0.25	-1.16	-13.46
	300	-6.75e-005	-3.16e-002	9.79e-003	0.91	-0.96	-12.96
116	296	-4.82e-003	-3.82e-002	9.79e-003	8.58	-4.04	-16.66
	450	-6.38e-003	-6.23e-002	2.45e-003	0.96	-0.72	-18.28
	451	-7.28e-005	-6.19e-002	2.64e-003	0.97	-2.60	-15.36
	299	1.49e-003	-3.78e-002	9.98e-003	3.28	-2.71	-13.74
117	295	1.23e-002	-4.74e-002	1.55e-002	16.43	-5.11	-21.63
	449	1.03e-002	-7.73e-002	-2.85e-003	7.84	-5.53	-25.05
	450	-7.44e-003	-7.85e-002	2.50e-004	3.35	-2.62	-21.21
	296	-5.49e-003	-4.85e-002	1.86e-002	9.84	-7.43	-17.79
118	245	0.11	-4.90e-002	-3.85e-002	69.05	9.29	-8.58
	255	0.10	-5.40e-002	-5.09e-002	-10.86	-46.48	-16.55
	449	1.14e-002	-6.01e-002	-2.88e-002	11.50	20.34	-27.63
	295	1.18e-002	-5.51e-002	-1.64e-002	23.67	-13.94	-19.67
119	290	-4.54e-002	0.12	-5.81e-003	28.24	-6.86	-11.31
	381	-4.85e-002	6.93e-002	1.16e-002	29.81	-11.24	-2.28
	382	2.14e-003	7.26e-002	-8.16e-002	71.33	35.57	-1.94
	293	5.20e-003	0.12	-0.10	21.29	27.35	-10.96
120	289	-1.41e-003	5.90e-002	-8.11e-003	10.87	-3.45	-15.21
	378	-6.20e-004	7.11e-002	1.43e-003	11.87	-2.38	-7.66
	381	-4.85e-002	6.80e-002	3.75e-002	24.44	2.14	-5.94
	290	-4.93e-002	5.59e-002	2.80e-002	23.36	0.66	-13.49

121	286	-1.48e-003	2.82e-002	2.19e-002	3.37	-1.19	-13.92
	377	2.24e-004	5.44e-002	1.49e-002	3.77	-0.70	-11.44
	378	-1.71e-003	5.43e-002	-1.06e-003	7.23	-1.21	-10.84
	289	-3.42e-003	2.80e-002	6.01e-003	7.89	-1.54	-13.32
122	285	-1.28e-004	2.37e-002	1.20e-002	1.01	-0.43	-13.33
	374	1.39e-003	4.70e-002	1.12e-002	1.14	-0.26	-12.57
	377	-2.64e-004	4.69e-002	1.69e-002	2.14	-0.73	-12.44
	286	-1.78e-003	2.36e-002	1.77e-002	2.44	-0.72	-13.21
123	265	-4.56e-004	1.82e-002	1.51e-002	0.30	-0.15	-13.10
	373	7.38e-004	3.65e-002	1.35e-002	0.33	-0.10	-12.87
	374	7.08e-004	3.65e-002	1.15e-002	0.64	-0.31	-12.86
	285	-4.85e-004	1.82e-002	1.30e-002	0.71	-0.27	-13.09
124	264	-1.76e-004	1.36e-002	1.39e-002	8.29e-002	-5.55e-002	-13.01
	370	7.08e-004	2.71e-002	1.28e-002	9.20e-002	-4.59e-002	-12.94
	373	1.25e-004	2.71e-002	1.35e-002	0.19	-0.12	-12.95
	265	-7.59e-004	1.35e-002	1.46e-002	0.20	-0.10	-13.02
125	263	-5.91e-005	8.67e-003	1.43e-002	1.92e-002	-2.69e-002	-12.97
	369	5.08e-004	1.74e-002	1.30e-002	2.47e-002	-2.88e-002	-12.95
	370	7.16e-005	1.74e-002	1.28e-002	5.12e-002	-4.96e-002	-12.96
	264	-4.95e-004	8.64e-003	1.41e-002	5.32e-002	-3.88e-002	-12.98
126	262	1.23e-004	3.86e-003	1.42e-002	1.68e-003	-3.30e-002	-12.95
	366	3.74e-004	7.72e-003	1.30e-002	1.25e-002	-4.27e-002	-12.94
	369	-1.23e-004	7.69e-003	1.30e-002	1.21e-002	-3.20e-002	-12.96
	263	-3.74e-004	3.82e-003	1.42e-002	1.38e-002	-2.31e-002	-12.96
127	261	2.43e-004	-9.57e-004	1.41e-002	1.48e-002	-8.16e-002	-12.90
	365	1.78e-004	-1.95e-003	1.28e-002	3.97e-002	-0.11	-12.91
	366	-2.56e-004	-1.97e-003	1.30e-002	8.59e-003	-5.09e-002	-12.94
	262	-1.92e-004	-9.86e-004	1.43e-002	1.38e-002	-3.69e-002	-12.93
128	260	5.15e-004	-5.84e-003	1.47e-002	0.12	-0.23	-12.79
	303	1.34e-004	-1.17e-002	1.35e-002	0.17	-0.30	-12.85
	365	-4.58e-004	-1.17e-002	1.28e-002	5.28e-002	-0.13	-12.92
	261	-7.69e-005	-5.88e-003	1.39e-002	6.35e-002	-0.10	-12.86
129	259	1.81e-004	-1.05e-002	1.30e-002	0.61	-0.67	-12.50
	300	-5.11e-004	-2.11e-002	1.15e-002	0.68	-0.82	-12.74
	303	-4.78e-004	-2.11e-002	1.36e-002	0.27	-0.35	-12.89
	260	2.14e-004	-1.05e-002	1.51e-002	0.28	-0.30	-12.65
130	258	1.14e-003	-1.56e-002	1.76e-002	2.55	-1.91	-11.82
	299	1.03e-004	-3.16e-002	1.73e-002	2.49	-2.11	-12.73
	300	-1.19e-003	-3.16e-002	1.15e-002	1.11	-9.99e-001	-12.96
	259	-1.59e-004	-1.57e-002	1.18e-002	1.12	-0.86	-12.06
131	257	1.16e-003	-1.79e-002	5.15e-003	9.60	-5.03	-10.50
	296	-1.32e-004	-3.79e-002	5.65e-004	8.73	-4.31	-13.67
	299	-3.09e-004	-3.79e-002	1.66e-002	4.07	-3.06	-13.62
	258	9.87e-004	-1.79e-002	2.12e-002	4.21	-2.36	-10.44
132	256	5.86e-002	-3.79e-002	2.15e-002	30.28	-7.32	-8.20
	295	5.82e-002	-4.44e-002	4.54e-002	30.47	-2.72	-18.11
	296	-8.04e-004	-4.82e-002	9.40e-003	13.24	-9.94	-16.86
	257	-3.80e-004	-4.17e-002	-1.45e-002	14.92	-6.99	-6.96
133	235	8.44e-002	-8.98e-002	-0.10	98.74	47.28	-0.84
	245	8.69e-002	-5.02e-002	-7.17e-002	16.10	17.36	-11.57
	295	5.77e-002	-5.21e-002	1.35e-002	32.43	-12.55	-16.77
	256	5.51e-002	-9.17e-002	-1.49e-002	40.68	-29.29	-6.04
134	471	2.44e-002	1.58e-003	0.28	5.43	-1.70	-24.14
	290	3.22e-002	0.12	4.33e-002	24.96	-9.87	-15.07
	293	1.11e-002	0.12	-0.18	54.49	26.22	-10.03
	200	3.26e-003	2.12e-004	5.54e-002	8.22	6.72	-19.10
135	470	-2.25e-003	-1.46e-004	1.38e-003	2.34	-1.13	-18.96

	289	1.60e-003	5.92e-002	-1.42e-002	8.72	-2.33	-15.62
	290	2.82e-002	6.09e-002	7.70e-002	16.08	-1.18	-18.86
	471	2.44e-002	1.58e-003	9.27e-002	6.03	1.08	-22.20
136	229	-1.68e-003	-1.09e-004	2.91e-002	0.88	-0.37	-15.11
	286	1.63e-004	2.83e-002	2.65e-002	2.73	-0.89	-13.88
	289	-4.10e-004	2.82e-002	-1.24e-004	7.04	-1.71	-15.88
	470	-2.25e-003	-1.46e-004	2.55e-003	0.56	3.21e-002	-17.12
137	469	-5.29e-004	-3.44e-005	1.31e-002	0.29	-0.12	-13.69
	285	1.02e-003	2.37e-002	1.29e-002	0.81	-0.33	-13.30
	286	-1.36e-004	2.37e-002	2.22e-002	2.39	-0.70	-14.06
	229	-1.68e-003	-1.09e-004	2.25e-002	-3.94e-002	-3.94e-002	-14.45
138	468	-5.92e-004	-3.85e-005	1.80e-002	9.10e-002	-3.73e-002	-13.21
	265	5.96e-004	1.82e-002	1.71e-002	0.24	-0.12	-13.09
	285	6.59e-004	1.82e-002	1.39e-002	0.75	-0.25	-13.35
	469	-5.29e-004	-3.44e-005	1.48e-002	-4.47e-002	-2.16e-002	-13.47
139	228	-3.35e-004	-2.17e-005	1.64e-002	2.70e-002	-1.25e-002	-13.04
	264	5.50e-004	1.36e-002	1.56e-002	6.70e-002	-4.33e-002	-13.01
	265	2.93e-004	1.36e-002	1.67e-002	0.23	-8.60e-002	-13.10
	468	-5.92e-004	-3.85e-005	1.75e-002	-2.08e-002	-9.50e-003	-13.13
140	463	-2.14e-004	-1.39e-005	1.69e-002	5.12e-003	-5.26e-003	-12.98
	263	3.52e-004	8.69e-003	1.61e-002	2.07e-002	-2.03e-002	-12.97
	264	2.31e-004	8.69e-003	1.58e-002	6.63e-002	-3.19e-002	-13.01
	228	-3.35e-004	-2.17e-005	1.66e-002	-8.14e-003	-4.28e-003	-13.02
141	462	-3.63e-005	-2.36e-006	1.68e-002	-7.02e-003	-5.30e-003	-12.94
	262	2.15e-004	3.86e-003	1.60e-002	1.94e-002	-2.40e-002	-12.94
	263	3.69e-005	3.85e-003	1.60e-002	1.81e-002	-1.81e-002	-12.97
	463	-2.14e-004	-1.39e-005	1.68e-002	-1.09e-003	-3.10e-003	-12.97
142	227	8.26e-005	5.37e-006	1.66e-002	-2.56e-002	-1.18e-002	-12.87
	261	1.91e-005	-9.72e-004	1.58e-002	6.58e-002	-6.04e-002	-12.88
	262	-9.99e-005	-9.80e-004	1.61e-002	9.92e-003	-2.85e-002	-12.93
	462	-3.63e-005	-2.36e-006	1.69e-002	7.93e-003	-6.02e-003	-12.93
143	461	3.46e-004	2.25e-005	1.75e-002	-7.14e-002	-3.13e-002	-12.66
	260	-3.74e-005	-5.87e-003	1.67e-002	0.25	-0.18	-12.70
	261	-3.01e-004	-5.89e-003	1.56e-002	4.14e-002	-7.80e-002	-12.86
	227	8.26e-005	5.37e-006	1.64e-002	3.35e-002	-1.82e-002	-12.83
144	460	2.14e-004	1.39e-005	1.47e-002	-0.19	-8.43e-002	-12.03
	259	-4.71e-004	-1.05e-002	1.38e-002	0.92	-0.53	-12.17
	260	-3.39e-004	-1.05e-002	1.72e-002	0.20	-0.23	-12.67
	461	3.46e-004	2.25e-005	1.80e-002	0.12	-5.84e-002	-12.53
145	226	9.93e-004	6.45e-005	2.23e-002	-0.43	-0.22	-10.11
	258	-3.13e-005	-1.57e-002	2.21e-002	3.17	-1.61	-10.60
	259	-8.11e-004	-1.58e-002	1.26e-002	0.83	-0.64	-12.11
	460	2.14e-004	1.39e-005	1.28e-002	0.40	-0.19	-11.62
146	455	-3.71e-004	-2.41e-005	-5.68e-004	-0.11	-0.41	-4.51
	257	-1.55e-003	-1.81e-002	-3.04e-003	10.18	-4.57	-6.26
	258	-1.82e-004	-1.80e-002	2.56e-002	3.25	-1.70	-10.57
	226	9.93e-004	6.45e-005	2.81e-002	1.30	-0.63	-8.82
147	454	-3.76e-002	-2.45e-003	8.78e-002	7.39	0.79	9.13
	256	-4.04e-002	-4.43e-002	6.78e-002	29.79	-7.28	2.74
	257	-3.09e-003	-4.19e-002	-2.27e-002	12.15	-5.33	-6.59
	455	-3.71e-004	-2.41e-005	-2.77e-003	4.23	-2.33	-0.20
148	197	0.11	7.09e-003	8.51e-002	135.69	26.49	23.95
	235	0.10	-8.86e-002	-0.20	39.68	47.74	-8.22
	256	-4.39e-002	-0.10	3.15e-002	45.23	-29.00	0.68
	454	-3.76e-002	-2.45e-003	0.32	18.02	-15.71	32.85
149	244	-2.30e-002	1.14e-002	-5.82e-003	22.78	-17.35	18.79
	254	-2.16e-002	3.32e-002	6.04e-002	12.16	19.11	26.40

	255	0.11	4.18e-002	3.42e-002	-14.69	-56.17	13.34
	245	0.11	2.01e-002	-3.20e-002	71.37	4.44	5.74
150	243	2.92e-003	3.12e-002	3.93e-003	9.23	-8.47	18.29
	253	2.37e-003	2.27e-002	-4.23e-003	3.37	-3.46	21.59
	254	-2.24e-002	2.11e-002	1.36e-003	7.65	-9.28	24.42
	244	-2.18e-002	2.95e-002	9.51e-003	15.60	-7.25	21.12
151	242	-1.35e-003	1.26e-002	1.00e-002	2.98	-2.97	14.86
	252	-1.07e-003	1.69e-002	3.79e-003	0.90	-2.91	16.36
	253	2.00e-003	1.71e-002	-2.08e-003	0.93	-2.00	18.84
	243	1.72e-003	1.28e-002	4.16e-003	7.86	-4.75	17.34
152	241	3.04e-004	3.01e-003	9.56e-003	0.84	-1.04	14.29
	251	3.43e-004	3.63e-003	3.29e-003	0.20	-1.23	14.71
	252	-1.94e-003	3.48e-003	5.41e-003	-8.46e-002	-1.12	15.53
	242	-1.98e-003	2.87e-003	1.17e-002	2.48	-2.21	15.10
153	240	5.60e-004	-8.44e-003	1.14e-002	0.41	-0.44	14.19
	250	3.12e-004	-1.23e-002	3.71e-003	1.72e-002	-0.38	14.27
	251	-6.93e-004	-1.23e-002	2.56e-003	-5.81e-002	-0.67	14.54
	241	-4.45e-004	-8.50e-003	1.02e-002	0.68	-0.89	14.46
154	239	7.26e-004	-1.86e-002	1.06e-002	0.88	-0.33	13.89
	249	9.35e-005	-2.83e-002	2.84e-003	-8.38e-002	0.20	13.79
	250	-7.34e-004	-2.84e-002	3.61e-003	2.29e-002	-0.46	14.18
	240	-1.01e-004	-1.86e-002	1.13e-002	0.39	-0.38	14.29
155	238	2.03e-003	-2.99e-002	1.11e-002	2.86	-0.37	12.69
	248	1.09e-003	-4.43e-002	4.50e-003	-0.19	1.42	12.26
	249	-9.56e-004	-4.44e-002	3.82e-003	0.16	-0.55	13.53
	239	-1.65e-005	-3.00e-002	1.04e-002	0.97	-0.25	13.96
156	237	-2.64e-003	-3.85e-002	9.68e-003	8.44	0.20	8.94
	247	-4.05e-003	-6.02e-002	2.55e-003	0.33	4.99	7.58
	248	7.03e-005	-6.00e-002	2.58e-003	0.65	-0.79	11.29
	238	1.48e-003	-3.82e-002	9.71e-003	3.18	-0.39	12.66
157	236	1.12e-002	-5.22e-002	8.48e-003	18.23	5.36	0.55
	246	9.95e-003	-7.12e-002	-5.47e-003	5.94	11.75	-2.83
	247	-4.83e-003	-7.22e-002	1.29e-003	2.45	1.30	4.37
	237	-3.59e-003	-5.32e-002	1.52e-002	9.43	-0.91	7.75
158	433	1.76e-002	-5.97e-002	-1.54e-002	46.37	36.44	3.25
	443	1.80e-002	-5.39e-002	-2.66e-002	34.15	4.88	-9.48
	246	1.10e-002	-5.43e-002	-2.10e-002	11.64	22.15	-13.24
	236	1.07e-002	-6.01e-002	-9.89e-003	25.26	-2.58	-0.51
159	234	-2.12e-002	6.19e-002	-1.72e-002	39.68	-32.07	5.10
	244	-2.45e-002	1.13e-002	2.22e-002	31.33	-15.87	16.11
	245	9.14e-002	1.89e-002	-6.52e-002	14.12	13.45	9.20
	235	9.47e-002	6.94e-002	-0.10	100.34	45.25	-1.81
160	233	-1.30e-003	3.79e-002	-2.85e-003	14.35	-7.28	7.88
	243	-1.76e-003	3.09e-002	-9.98e-004	12.46	-10.72	17.41
	244	-2.33e-002	2.95e-002	3.76e-002	29.93	-4.50	17.79
	234	-2.29e-002	3.65e-002	3.57e-002	28.81	-8.41	8.26
161	232	-8.35e-004	8.74e-003	2.33e-002	3.91	-2.31	11.84
	242	-5.82e-004	1.26e-002	1.61e-002	3.67	-3.22	14.74
	243	-2.95e-003	1.25e-002	-7.62e-004	8.28	-4.90	14.51
	233	-3.20e-003	8.59e-003	6.42e-003	8.62	-5.45	11.60
162	231	4.74e-004	1.73e-003	1.30e-002	1.03	-0.84	13.55
	241	5.58e-004	3.03e-003	1.17e-002	0.98	-1.05	14.32
	242	-1.21e-003	2.91e-003	1.78e-002	2.26	-2.27	13.99
	232	-1.30e-003	1.61e-003	1.91e-002	2.15	-2.04	13.22
163	230	4.06e-004	-4.18e-003	1.64e-002	0.42	-0.37	14.18
	240	1.28e-004	-8.46e-003	1.50e-002	0.38	-0.45	14.31
	241	-1.90e-004	-8.48e-003	1.23e-002	0.66	-0.88	14.13

	231	8.83e-005	-4.20e-003	1.38e-002	0.53	-0.73	14.00
164	477	2.64e-004	-9.26e-003	1.40e-002	0.77	-0.36	14.44
	239	-3.45e-004	-1.86e-002	1.26e-002	0.64	-0.41	14.26
	240	-5.34e-004	-1.86e-002	1.49e-002	0.46	-0.38	14.21
	230	7.53e-005	-9.27e-003	1.64e-002	0.36	-0.36	14.38
165	476	1.21e-003	-1.50e-002	1.81e-002	2.56	-0.77	14.56
	238	2.32e-004	-3.00e-002	1.73e-002	2.10	-0.71	13.81
	239	-1.09e-003	-3.01e-002	1.24e-002	1.18	-0.32	13.97
	477	-1.11e-004	-1.50e-002	1.32e-002	1.03	-0.45	14.72
166	475	2.30e-003	-1.93e-002	8.49e-003	8.63	-1.70	14.36
	237	1.07e-003	-3.82e-002	2.93e-003	7.09	-0.73	11.84
	238	-3.10e-004	-3.83e-002	1.60e-002	3.86	-0.76	12.80
	476	9.20e-004	-1.94e-002	2.15e-002	3.55	-1.02	15.32
167	474	4.57e-002	-4.09e-002	2.31e-002	26.32	0.66	12.99
	236	4.51e-002	-5.00e-002	3.77e-002	24.05	4.97	5.22
	237	1.09e-004	-5.30e-002	8.49e-003	12.00	-2.98	8.54
	475	7.05e-004	-4.38e-002	-6.13e-003	11.83	-3.08	16.31
168	423	1.55e-002	-8.49e-002	-7.94e-002	56.97	44.81	7.89
	433	1.72e-002	-5.97e-002	-4.86e-002	37.52	39.33	-0.58
	236	4.46e-002	-5.79e-002	1.93e-002	28.97	-4.02	2.69
	474	4.30e-002	-8.32e-002	-1.15e-002	30.88	-12.58	11.16
169	448	3.07e-002	1.99e-003	0.23	18.19	-15.62	-33.05
	234	3.48e-002	6.55e-002	2.20e-002	43.62	-30.89	-1.27
	235	0.11	7.06e-002	-0.20	38.49	45.95	5.81
	197	0.11	7.09e-003	-2.83e-004	136.41	25.71	-25.97
170	225	-4.10e-003	-2.67e-004	2.37e-003	4.12	-2.25	1.45
	233	-1.62e-003	3.79e-002	-4.41e-003	11.51	-5.47	7.44
	234	3.31e-002	4.01e-002	7.49e-002	29.13	-7.99	-2.49
	448	3.07e-002	1.99e-003	8.17e-002	6.40	0.42	-8.49
171	447	-9.87e-004	-6.41e-005	2.94e-002	1.24	-0.60	10.33
	232	-4.13e-004	8.77e-003	2.70e-002	2.98	-1.65	11.94
	233	-3.53e-003	8.57e-003	4.86e-003	9.83	-4.81	7.47
	225	-4.10e-003	-2.67e-004	7.23e-003	-0.48	-0.53	5.86
172	224	1.23e-004	8.01e-006	1.50e-002	0.36	-0.17	13.20
	231	2.34e-004	1.71e-003	1.43e-002	0.77	-0.63	13.61
	232	-8.76e-004	1.64e-003	2.29e-002	2.99	-1.68	12.06
	447	-9.87e-004	-6.41e-005	2.36e-002	-0.55	-0.26	11.64
173	446	2.12e-004	1.38e-005	1.97e-002	8.03e-002	-6.06e-002	14.19
	230	-6.30e-005	-4.21e-003	1.88e-002	0.37	-0.29	14.27
	231	-1.52e-004	-4.22e-003	1.50e-002	0.89	-0.57	13.70
	224	1.23e-004	8.01e-006	1.60e-002	-0.20	-0.10	13.62
174	223	2.78e-004	1.80e-005	1.61e-002	-2.99e-002	-3.88e-002	14.80
	477	-3.28e-004	-9.30e-003	1.51e-002	0.78	-0.31	14.71
	230	-3.94e-004	-9.30e-003	1.87e-002	0.45	-0.28	14.30
	446	2.12e-004	1.38e-005	1.97e-002	5.44e-003	-6.69e-002	14.39
175	445	1.19e-003	7.73e-005	2.27e-002	-7.21e-002	-5.46e-002	15.88
	476	2.09e-004	-1.50e-002	2.23e-002	2.46	-0.76	15.49
	477	-7.04e-004	-1.51e-002	1.43e-002	0.89	-0.34	14.67
	223	2.78e-004	1.80e-005	1.47e-002	0.26	-0.12	15.05
176	222	8.39e-004	5.45e-005	5.32e-003	0.58	6.75e-003	18.69
	475	-4.30e-004	-1.95e-002	3.15e-003	7.48	-1.97	17.39
	476	-7.88e-005	-1.94e-002	2.57e-002	2.92	-0.72	15.26
	445	1.19e-003	7.73e-005	2.79e-002	0.89	-0.36	16.56
177	444	-3.04e-002	-1.97e-003	7.93e-002	7.24	1.34	24.40
	474	-3.32e-002	-4.60e-002	6.37e-002	19.40	-1.34	20.21
	475	-2.02e-003	-4.40e-002	-1.15e-002	9.82	-2.17	16.69
	222	8.39e-004	5.45e-005	4.08e-003	2.67	-1.29	20.88

178	193	2.77e-002	1.80e-003	5.87e-002	71.41	17.05	22.21
	423	2.21e-002	-8.45e-002	-0.17	40.74	41.81	2.91
	474	-3.60e-002	-8.83e-002	2.91e-002	32.61	-15.24	15.71
	444	-3.04e-002	-1.97e-003	0.25	10.21	-7.47	35.02
229	432	-1.28e-002	6.66e-003	-1.28e-002	22.67	-5.29	7.65
	442	-1.48e-002	-2.38e-002	-9.90e-003	11.57	20.15	19.32
	443	2.01e-002	-2.15e-002	-1.42e-002	32.54	5.38	16.70
	433	2.20e-002	8.93e-003	-1.71e-002	46.74	35.67	5.02
230	431	4.76e-003	5.56e-003	9.60e-003	7.74	-1.22	-0.88
	441	4.29e-003	-1.56e-003	-1.09e-003	1.47	-0.13	1.93
	442	-1.34e-002	-2.71e-003	-6.46e-003	3.46	10.02	8.43
	432	-1.30e-002	4.41e-003	4.23e-003	17.22	4.47	5.62
231	430	-4.94e-004	-4.81e-003	4.90e-003	2.37	-0.19	-4.93
	440	-5.46e-004	-5.61e-003	3.26e-004	0.14	-1.26	-3.92
	441	4.05e-003	-5.32e-003	-5.88e-004	-0.13	4.10	-0.86
	431	4.10e-003	-4.51e-003	3.98e-003	6.72	-0.12	-1.87
232	429	2.68e-004	-8.80e-003	4.71e-003	0.62	-9.16e-003	-5.87
	439	-5.76e-005	-1.38e-002	2.03e-003	-2.23e-002	-0.53	-5.61
	440	-1.08e-003	-1.39e-002	3.02e-003	-0.27	1.14	-4.65
	430	-7.57e-004	-8.86e-003	5.70e-003	1.92	-0.37	-4.91
233	428	4.72e-004	-1.52e-002	5.74e-003	0.15	-8.20e-003	-6.07
	438	-3.79e-006	-2.25e-002	1.80e-003	-1.57e-002	-0.18	-6.01
	439	-6.27e-004	-2.26e-002	1.04e-003	-0.10	0.26	-5.76
	429	-1.51e-004	-1.53e-002	4.98e-003	0.48	-0.18	-5.82
234	427	7.48e-004	-2.06e-002	4.94e-003	3.60e-002	-3.71e-002	-6.10
	437	5.12e-005	-3.14e-002	1.00e-003	-5.98e-003	-8.75e-002	-6.09
	438	-5.80e-004	-3.14e-002	1.80e-003	-2.68e-002	3.32e-002	-6.03
	428	1.17e-004	-2.07e-002	5.74e-003	0.11	-7.42e-002	-6.05
235	426	1.23e-003	-2.71e-002	5.80e-003	4.58e-002	-0.11	-6.10
	436	3.85e-004	-4.01e-002	3.15e-003	1.13e-003	-0.12	-6.10
	437	-5.17e-004	-4.01e-002	2.00e-003	1.32e-003	-4.12e-002	-6.09
	427	3.27e-004	-2.71e-002	4.66e-003	3.45e-002	-6.37e-002	-6.09
236	425	-4.30e-003	-3.13e-002	4.10e-003	0.17	-0.27	-6.08
	435	-5.43e-003	-4.87e-002	-9.83e-004	5.42e-002	-0.34	-6.11
	436	-1.56e-004	-4.84e-002	2.38e-004	4.20e-002	-0.12	-6.12
	426	9.76e-004	-3.10e-002	5.32e-003	7.32e-002	-0.16	-6.09
237	424	1.40e-002	-3.93e-002	6.96e-003	0.40	-0.52	-5.85
	434	1.32e-002	-5.27e-002	-5.57e-003	0.25	-1.29	-5.93
	435	-5.77e-003	-5.39e-002	-1.73e-003	0.21	-8.55e-002	-6.17
	425	-4.90e-003	-4.06e-002	1.08e-002	0.23	-0.55	-6.10
238	403	-3.02e-003	-4.24e-002	-2.22e-002	4.12	-0.11	-4.40
	413	-2.46e-003	-3.38e-002	-1.91e-002	-3.68	-4.69	-4.30
	434	1.45e-002	-3.27e-002	-1.05e-002	0.65	1.21	-5.56
	424	1.39e-002	-4.13e-002	-1.35e-002	0.44	-1.35	-5.65
239	422	-3.57e-002	5.19e-002	-2.06e-002	26.59	-16.30	-4.29
	432	-3.87e-002	4.98e-003	1.45e-002	25.60	-7.89	5.31
	433	2.16e-002	8.90e-003	-5.03e-002	37.90	38.87	8.89
	423	2.47e-002	5.58e-002	-8.54e-002	56.91	44.20	-0.71
240	421	-1.60e-003	1.80e-002	-1.41e-002	9.74	-2.32	-7.85
	431	-2.44e-003	5.09e-003	2.23e-003	9.73	-2.57	-1.59
	432	-3.89e-002	2.73e-003	3.16e-002	19.93	3.70	1.22
	422	-3.80e-002	1.57e-002	1.52e-002	23.36	0.24	-5.05
241	420	-1.39e-006	-1.92e-003	1.35e-002	2.56	-0.33	-6.74
	430	-1.88e-004	-4.79e-003	9.05e-003	2.73	-0.31	-5.10
	431	-3.10e-003	-4.98e-003	-3.39e-003	4.97	-1.07	-4.37
	421	-2.91e-003	-2.11e-003	1.03e-003	6.28	-1.87	-6.01
242	419	5.86e-004	-4.46e-003	5.70e-003	0.62	-0.10	-6.32

	429	3.04e-004	-8.80e-003	5.40e-003	0.70	-7.89e-003	-5.91
	430	-4.52e-004	-8.84e-003	9.85e-003	1.19	-0.68	-5.79
	420	-1.70e-004	-4.51e-003	1.02e-002	1.58	-0.72	-6.20
243	418	3.80e-004	-7.59e-003	8.34e-003	0.14	-4.05e-002	-6.17
	428	-1.17e-004	-1.52e-002	7.66e-003	0.17	-1.14e-003	-6.08
	429	-1.15e-004	-1.52e-002	5.67e-003	0.27	-0.26	-6.07
	419	3.82e-004	-7.59e-003	6.35e-003	0.36	-0.22	-6.17
244	417	1.96e-004	-1.03e-002	6.31e-003	2.51e-002	-3.92e-002	-6.12
	427	-4.78e-004	-2.07e-002	5.61e-003	4.78e-002	-3.14e-002	-6.10
	428	-4.72e-004	-2.07e-002	7.66e-003	5.73e-002	-9.11e-002	-6.11
	418	2.02e-004	-1.03e-002	8.36e-003	8.03e-002	-6.58e-002	-6.13
245	416	8.02e-004	-1.34e-002	1.03e-002	2.38e-002	-0.10	-6.07
	426	-9.15e-005	-2.71e-002	1.00e-002	7.09e-002	-0.10	-6.08
	427	-9.00e-004	-2.72e-002	5.33e-003	2.57e-002	-6.45e-002	-6.10
	417	-6.15e-006	-1.35e-002	5.61e-003	3.65e-002	-3.61e-002	-6.09
246	415	3.64e-003	-1.57e-002	3.52e-004	0.16	-0.27	-5.96
	425	2.65e-003	-3.09e-002	-3.70e-003	0.29	-0.24	-6.03
	426	-3.45e-004	-3.10e-002	9.56e-003	8.54e-002	-0.16	-6.08
	416	6.42e-004	-1.59e-002	1.36e-002	0.12	-7.65e-002	-6.01
247	414	4.02e-002	-3.26e-002	1.51e-002	0.82	-0.40	-5.65
	424	3.99e-002	-3.77e-002	3.46e-002	1.06	-0.29	-5.93
	425	2.05e-003	-4.01e-002	3.00e-003	0.33	-0.60	-6.07
	415	2.38e-003	-3.50e-002	-1.65e-002	0.48	-0.33	-5.78
248	393	-7.52e-003	-7.41e-002	-9.11e-002	5.01	1.97	-4.86
	403	-5.47e-003	-4.26e-002	-5.57e-002	-1.41	0.39	-5.18
	424	3.98e-002	-3.96e-002	1.41e-002	0.79	-1.20	-5.63
	414	3.77e-002	-7.12e-002	-2.13e-002	1.28	-1.76	-5.32
249	383	3.88e-002	2.52e-003	0.23	9.96	-6.52	-25.55
	422	4.23e-002	5.69e-002	1.27e-002	28.12	-17.96	-7.36
	423	3.13e-002	5.62e-002	-0.17	42.06	40.68	4.48
	193	2.77e-002	1.80e-003	4.06e-002	68.76	15.32	-13.70
250	221	6.73e-004	4.38e-005	-2.08e-003	2.07	-0.85	-11.29
	421	1.86e-003	1.82e-002	-1.84e-002	7.91	-1.45	-8.32
	422	4.00e-002	2.07e-002	4.86e-002	15.81	-1.49	-11.50
	383	3.88e-002	2.52e-003	6.49e-002	5.28	0.74	-14.47
251	380	-5.48e-004	-3.56e-005	1.72e-002	0.62	-0.20	-7.63
	420	-6.73e-004	-1.96e-003	1.60e-002	2.12	-0.16	-6.78
	421	5.48e-004	-1.88e-003	-3.28e-003	5.73	-1.92	-8.58
	221	6.73e-004	4.38e-005	-2.16e-003	4.80e-002	-0.15	-9.43
252	220	2.39e-004	1.55e-005	5.96e-003	0.17	-4.50e-002	-6.52
	419	-5.45e-005	-4.50e-003	6.02e-003	0.51	-5.45e-002	-6.31
	420	-8.42e-004	-4.55e-003	1.27e-002	1.66	-0.66	-6.91
	380	-5.48e-004	-3.56e-005	1.27e-002	-0.25	-9.35e-002	-7.12
253	379	2.98e-004	1.93e-005	1.02e-002	3.85e-002	-1.25e-002	-6.22
	418	-2.00e-004	-7.63e-003	9.63e-003	0.12	-2.94e-002	-6.17
	419	-2.58e-004	-7.63e-003	6.67e-003	0.44	-0.19	-6.34
	220	2.39e-004	1.55e-005	7.26e-003	-0.10	-3.13e-002	-6.39
254	219	3.39e-004	2.20e-005	7.20e-003	-4.51e-003	-7.62e-003	-6.12
	417	-3.37e-004	-1.04e-002	6.62e-003	4.59e-002	-2.97e-002	-6.11
	418	-3.78e-004	-1.04e-002	9.64e-003	0.11	-5.20e-002	-6.17
	379	2.98e-004	1.93e-005	1.02e-002	-3.13e-002	-1.00e-002	-6.18
255	376	1.12e-003	7.26e-005	1.28e-002	-3.98e-002	-1.57e-002	-6.02
	416	2.39e-004	-1.34e-002	1.29e-002	0.10	-7.56e-002	-6.03
	417	-5.39e-004	-1.35e-002	5.92e-003	3.87e-002	-2.55e-002	-6.10
	219	3.39e-004	2.20e-005	5.85e-003	-1.39e-004	-6.50e-003	-6.09
256	218	-6.53e-004	-4.24e-005	-2.82e-003	-7.65e-002	-3.70e-002	-5.77
	415	-1.69e-003	-1.60e-002	-4.03e-003	0.33	-0.21	-5.81

	416	7.92e-005	-1.59e-002	1.62e-002	8.55e-002	-5.00e-002	-6.01
	376	1.12e-003	7.26e-005	1.74e-002	3.55e-002	-1.77e-002	-5.97
257	375	-4.21e-002	-2.74e-003	6.64e-002	8.26e-002	-3.07e-002	-5.14
	414	-4.44e-002	-3.81e-002	4.80e-002	0.98	-0.34	-5.30
	415	-2.95e-003	-3.54e-002	-2.08e-002	0.35	-0.24	-5.74
	218	-6.53e-004	-4.24e-005	-2.48e-003	0.13	-7.14e-002	-5.59
258	190	-4.89e-003	-3.18e-004	4.82e-002	6.39	1.00e+000	-4.24
	393	-9.69e-003	-7.42e-002	-0.18	0.23	1.83	-5.38
	414	-4.69e-002	-7.67e-002	1.16e-002	1.35	-1.51	-5.13
	375	-4.21e-002	-2.74e-003	0.24	0.74	-0.61	-4.00
259	402	-1.23e-002	2.89e-002	-1.21e-002	1.91	6.58	-9.57
	412	-1.32e-002	1.59e-002	-9.31e-003	-0.52	4.37	-9.37
	413	8.24e-004	1.68e-002	-1.80e-002	4.77	20.45	-5.13
	403	1.67e-003	2.98e-002	-2.08e-002	-1.32	12.25	-5.32
260	401	3.86e-003	2.89e-002	1.08e-002	0.90	2.13	-12.95
	411	4.15e-003	3.35e-002	-5.74e-004	-8.43e-002	1.71	-12.77
	412	-1.21e-002	3.24e-002	-5.43e-003	-0.29	7.57	-10.78
	402	-1.24e-002	2.79e-002	5.97e-003	2.25	4.68	-10.96
261	400	-1.25e-003	1.63e-002	6.82e-003	0.39	0.70	-14.02
	410	-5.95e-004	2.64e-002	1.77e-003	-5.15e-003	0.57	-13.92
	411	3.71e-003	2.67e-002	8.85e-004	-0.15	2.65	-13.17
	401	3.06e-003	1.66e-002	5.93e-003	1.05	1.60	-13.27
262	399	1.74e-004	1.07e-002	7.34e-003	0.14	0.20	-14.38
	409	4.83e-004	1.55e-002	2.88e-003	4.60e-003	0.13	-14.34
	410	-1.31e-003	1.54e-002	3.70e-003	-4.95e-002	0.91	-14.07
	400	-1.62e-003	1.06e-002	8.17e-003	0.42	0.52	-14.11
263	398	2.64e-004	2.22e-003	8.20e-003	2.90e-002	-3.87e-002	-14.48
	408	3.61e-004	3.71e-003	2.55e-003	3.73e-003	-0.10	-14.46
	409	-2.86e-004	3.67e-003	1.94e-003	-1.66e-002	0.28	-14.39
	399	-3.83e-004	2.18e-003	7.59e-003	0.15	0.13	-14.41
264	397	3.93e-004	-5.11e-003	7.71e-003	4.33e-004	-0.32	-14.45
	407	2.02e-004	-8.03e-003	2.07e-003	1.43e-003	-0.40	-14.45
	408	-4.04e-004	-8.07e-003	2.54e-003	1.08e-003	-3.64e-002	-14.47
	398	-2.14e-004	-5.14e-003	8.18e-003	4.37e-002	-8.67e-002	-14.47
265	396	1.47e-003	-1.35e-002	7.95e-003	0.15	-0.94	-14.31
	406	1.06e-003	-1.98e-002	3.31e-003	2.51e-002	-1.05	-14.36
	407	-5.68e-004	-1.99e-002	2.96e-003	3.90e-002	-0.40	-14.44
	397	-1.59e-004	-1.36e-002	7.61e-003	4.54e-002	-0.41	-14.39
266	395	-2.86e-003	-1.94e-002	7.52e-003	0.75	-2.42	-14.03
	405	-3.66e-003	-3.17e-002	2.26e-003	0.33	-2.79	-14.26
	406	3.03e-004	-3.14e-002	1.49e-003	0.20	-1.13	-14.41
	396	1.10e-003	-1.91e-002	6.76e-003	0.29	-1.27	-14.18
267	394	8.14e-003	-2.98e-002	5.34e-003	1.29	-5.61	-12.75
	404	7.51e-003	-3.94e-002	-6.66e-003	1.85	-8.84	-13.26
	405	-4.21e-003	-4.02e-002	1.27e-003	0.81	-2.19	-14.50
	395	-3.59e-003	-3.05e-002	1.33e-002	1.16	-3.77	-13.98
268	353	2.57e-002	-3.69e-002	-1.16e-002	17.09	-9.84	-4.60
	363	2.69e-002	-1.70e-002	-3.02e-002	-10.64	-30.54	-5.43
	404	8.89e-003	-1.82e-002	-2.94e-002	2.88	0.82	-11.93
	394	7.60e-003	-3.80e-002	-1.07e-002	2.87	-9.28	-11.10
269	392	-3.93e-002	6.85e-002	-1.76e-002	1.23	3.22	-10.10
	402	-4.20e-002	2.70e-002	1.60e-002	2.12	5.47	-9.87
	403	-7.81e-004	2.97e-002	-5.43e-002	3.19	10.52	-5.83
	393	1.92e-003	7.12e-002	-8.79e-002	1.49	7.12	-6.05
270	391	-6.58e-004	3.22e-002	-1.00e-002	0.65	1.02	-13.36
	401	-8.91e-004	2.86e-002	3.56e-003	1.08	1.91	-13.03
	402	-4.21e-002	2.59e-002	3.40e-002	0.29	3.69	-11.40

	392	-4.19e-002	2.95e-002	2.05e-002	2.75	2.50	-11.73
271	390	-6.42e-004	8.78e-003	1.75e-002	0.29	0.30	-14.21
	400	-1.46e-004	1.64e-002	1.22e-002	0.47	0.63	-14.05
	401	-1.69e-003	1.63e-002	-1.34e-003	0.30	1.25	-13.51
	391	-2.19e-003	8.68e-003	4.04e-003	1.08	0.89	-13.67
272	389	3.41e-004	5.43e-003	9.09e-003	0.11	6.63e-002	-14.47
	399	6.89e-004	1.08e-002	8.55e-003	0.19	0.18	-14.40
	400	-5.18e-004	1.07e-002	1.35e-002	0.16	0.40	-14.22
	390	-8.65e-004	5.36e-003	1.40e-002	0.42	0.29	-14.30
273	388	1.39e-004	1.08e-003	1.21e-002	1.11e-002	-4.79e-002	-14.52
	398	2.13e-004	2.21e-003	1.10e-002	7.39e-002	-3.21e-002	-14.49
	399	1.32e-004	2.21e-003	8.80e-003	5.89e-002	8.99e-002	-14.46
	389	5.85e-005	1.08e-003	9.89e-003	0.16	7.01e-002	-14.49
274	387	2.98e-006	-2.53e-003	1.00e-002	-3.34e-002	-0.22	-14.42
	397	-1.67e-004	-5.14e-003	8.98e-003	7.80e-002	-0.28	-14.42
	398	-2.66e-004	-5.15e-003	1.09e-002	6.89e-003	-8.90e-002	-14.49
	388	-9.58e-005	-2.53e-003	1.20e-002	6.11e-002	-5.03e-002	-14.49
275	386	7.39e-004	-6.76e-003	1.35e-002	8.12e-002	-0.70	-14.08
	396	2.97e-004	-1.36e-002	1.30e-002	0.33	-0.84	-14.18
	397	-7.18e-004	-1.36e-002	8.89e-003	3.91e-002	-0.39	-14.40
	387	-2.76e-004	-6.82e-003	9.36e-003	0.11	-0.24	-14.31
276	385	1.77e-003	-9.53e-003	5.40e-003	0.91	-1.98	-13.19
	395	1.15e-003	-1.91e-002	8.13e-004	1.50	-2.14	-13.66
	396	-6.80e-005	-1.92e-002	1.18e-002	0.37	-1.25	-14.18
	386	5.53e-004	-9.61e-003	1.64e-002	0.58	-0.74	-13.70
277	384	4.28e-002	-2.72e-002	1.63e-002	3.94	-4.06	-10.80
	394	4.28e-002	-2.75e-002	3.12e-002	6.13	-4.12	-12.56
	395	4.21e-004	-3.03e-002	6.57e-003	1.71	-4.06	-13.86
	385	4.44e-004	-2.99e-002	-8.36e-003	2.56	-2.45	-12.10
278	343	2.25e-002	-6.71e-002	-7.03e-002	22.25	4.23	-3.72
	353	2.44e-002	-3.69e-002	-4.22e-002	-1.44	-6.28	-5.92
	394	4.23e-002	-3.58e-002	1.52e-002	4.81	-8.03	-10.83
	384	4.03e-002	-6.60e-002	-1.29e-002	7.61	-10.16	-8.64
279	372	3.20e-002	2.08e-003	0.25	0.11	0.11	-11.43
	392	3.66e-002	7.35e-002	2.17e-002	2.14	1.67	-10.14
	393	-2.51e-004	7.11e-002	-0.18	3.43	5.81	-6.02
	190	-4.89e-003	-3.18e-004	4.70e-002	3.50	1.65	-7.31
280	217	-8.94e-004	-5.81e-005	-7.12e-004	-5.61e-002	0.10	-13.48
	391	1.21e-003	3.23e-002	-1.51e-002	0.75	0.78	-13.34
	392	3.41e-002	3.45e-002	5.98e-002	7.36e-002	1.58	-11.98
	372	3.20e-002	2.08e-003	7.42e-002	1.16	0.44	-12.12
281	371	-8.86e-004	-5.76e-005	2.30e-002	-5.89e-003	3.02e-002	-14.27
	390	-3.10e-004	8.80e-003	2.11e-002	0.32	0.22	-14.21
	391	-3.18e-004	8.80e-003	-1.09e-003	0.18	0.57	-13.76
	217	-8.94e-004	-5.81e-005	7.91e-004	0.37	0.16	-13.82
282	216	5.41e-006	3.52e-007	9.87e-003	-3.99e-003	3.40e-003	-14.50
	389	3.59e-004	5.44e-003	9.69e-003	0.13	5.13e-002	-14.47
	390	-5.32e-004	5.38e-003	1.76e-002	0.11	0.18	-14.35
	371	-8.86e-004	-5.76e-005	1.78e-002	0.13	5.35e-002	-14.38
283	368	1.44e-005	9.38e-007	1.46e-002	-2.69e-002	-1.09e-002	-14.53
	388	8.46e-005	1.08e-003	1.39e-002	7.31e-002	-3.17e-002	-14.51
	389	7.56e-005	1.08e-003	1.05e-002	4.79e-002	3.95e-002	-14.51
	216	5.41e-006	3.52e-007	1.12e-002	4.92e-002	1.49e-002	-14.53
284	215	5.12e-005	3.33e-006	1.14e-002	-8.99e-002	-3.64e-002	-14.37
	387	-1.14e-004	-2.54e-003	1.07e-002	0.14	-0.16	-14.38
	388	-1.51e-004	-2.54e-003	1.38e-002	1.24e-002	-4.29e-002	-14.51
	368	1.44e-005	9.38e-007	1.46e-002	3.27e-002	-5.89e-003	-14.50

285	367	8.22e-004	5.34e-005	1.71e-002	-0.24	-0.10	-13.81
	386	3.78e-004	-6.78e-003	1.69e-002	0.54	-0.53	-13.87
	387	-3.93e-004	-6.83e-003	9.97e-003	4.51e-002	-0.18	-14.32
	215	5.12e-005	3.33e-006	1.01e-002	7.67e-002	-4.01e-002	-14.26
286	214	-1.98e-005	-1.29e-006	1.75e-003	-0.45	-0.26	-12.06
	385	-6.50e-004	-9.69e-003	3.00e-005	1.97	-1.56	-12.35
	386	1.92e-004	-9.64e-003	1.99e-002	0.36	-0.54	-13.72
	367	8.22e-004	5.34e-005	2.16e-002	0.27	-0.15	-13.43
287	364	-2.81e-002	-1.83e-003	6.71e-002	0.36	-0.31	-7.40
	384	-3.01e-002	-3.19e-002	5.20e-002	6.37	-3.17	-8.59
	385	-1.97e-003	-3.01e-002	-1.37e-002	1.86	-1.85	-11.98
	214	-1.98e-005	-1.29e-006	1.30e-003	0.95	-0.57	-10.79
288	187	3.52e-002	2.29e-003	5.64e-002	29.49	4.57	0.86
	343	3.07e-002	-6.66e-002	-0.15	5.07	5.51	-5.44
	384	-3.26e-002	-7.07e-002	2.28e-002	7.88	-8.54	-7.30
	364	-2.81e-002	-1.83e-003	0.23	4.12	-3.74	-9.99e-001
329	352	-1.17e-002	2.63e-002	-1.29e-002	4.19	-0.35	-1.27
	362	-1.31e-002	5.64e-003	-1.21e-002	1.44	3.80	-0.21
	363	2.86e-002	8.35e-003	-1.21e-002	-0.63	1.23	0.38
	353	2.99e-002	2.90e-002	-1.29e-002	10.64	5.61	-0.69
330	351	3.94e-003	2.62e-002	7.02e-003	1.51	-0.43	-3.21
	361	4.23e-003	3.07e-002	-1.18e-003	0.24	-0.33	-2.68
	362	-1.15e-002	2.97e-002	-7.04e-003	0.44	1.62	-1.36
	352	-1.18e-002	2.52e-002	1.16e-003	3.58	0.48	-1.90
331	350	-6.67e-004	1.95e-002	2.17e-003	0.44	-7.79e-002	-3.96
	360	7.17e-005	3.09e-002	-7.52e-004	1.52e-003	-0.35	-3.78
	361	4.26e-003	3.11e-002	-1.30e-003	-6.51e-002	0.64	-3.21
	351	3.52e-003	1.98e-002	1.63e-003	1.27	-0.19	-3.39
332	349	-3.41e-004	1.83e-002	1.80e-003	0.10	-1.01e-002	-4.11
	359	2.24e-004	2.70e-002	1.13e-003	-1.24e-002	-0.13	-4.07
	360	-1.78e-004	2.70e-002	1.99e-003	-5.60e-002	0.16	-3.90
	350	-7.43e-004	1.83e-002	2.66e-003	0.32	-0.12	-3.95
333	348	-1.45e-004	1.51e-002	2.70e-003	8.47e-003	-8.86e-003	-4.13
	358	3.67e-004	2.30e-002	9.21e-004	-2.40e-003	-6.04e-002	-4.12
	359	-3.95e-005	2.30e-002	2.49e-004	-1.65e-002	3.04e-002	-4.09
	349	-5.51e-004	1.51e-002	2.03e-003	6.44e-002	-5.09e-002	-4.10
334	347	1.08e-004	1.27e-002	1.97e-003	-4.16e-002	-3.17e-002	-4.10
	357	5.05e-004	1.88e-002	2.06e-004	7.83e-003	-9.01e-002	-4.09
	358	9.36e-005	1.88e-002	9.34e-004	1.02e-003	4.09e-003	-4.12
	348	-3.03e-004	1.27e-002	2.70e-003	-2.26e-003	-3.05e-002	-4.12
335	346	1.75e-004	9.49e-003	2.81e-003	-0.15	-0.12	-4.00
	356	5.19e-004	1.48e-002	2.17e-003	2.69e-002	-0.27	-3.98
	357	2.42e-004	1.48e-002	1.08e-003	1.55e-002	-2.01e-003	-4.08
	347	-1.03e-004	9.47e-003	1.73e-003	-4.53e-002	-5.48e-002	-4.09
336	345	-4.93e-003	8.04e-003	1.54e-003	-0.47	-0.44	-3.67
	355	-4.76e-003	1.07e-002	-1.94e-003	6.19e-002	-0.87	-3.61
	356	2.72e-004	1.10e-002	-7.95e-004	4.35e-002	-3.72e-002	-3.91
	346	1.02e-004	8.36e-003	2.68e-003	-0.15	-0.16	-3.97
337	344	1.17e-002	3.65e-003	4.60e-003	-1.19	-1.68	-2.77
	354	1.21e-002	1.09e-002	-6.01e-003	3.26e-002	-2.64	-2.61
	355	-4.81e-003	9.76e-003	-2.48e-003	0.10	-0.30	-3.40
	345	-5.28e-003	2.55e-003	8.12e-003	-0.41	-0.46	-3.56
338	323	-3.26e-003	1.38e-003	-2.09e-002	-1.24	-5.57	-0.78
	333	-1.18e-003	3.33e-002	-1.92e-002	-0.82	-7.08	-0.56
	354	1.37e-002	3.43e-002	-1.22e-002	0.22	-1.76	-2.02
	344	1.16e-002	2.35e-003	-1.39e-002	-0.85	-1.67	-2.23
339	342	-3.19e-002	5.43e-002	-2.24e-002	5.97	-4.90	-4.09

	352	-3.38e-002	2.48e-002	1.11e-002	5.43	-1.03	-1.71
	353	2.87e-002	2.89e-002	-4.36e-002	4.14	6.27	-0.94
	343	3.06e-002	5.84e-002	-7.71e-002	18.00	10.19	-3.33
340	341	-2.48e-003	2.57e-002	-1.62e-002	2.06	-0.44	-4.64
	351	-2.48e-003	2.58e-002	-4.82e-005	1.91	-0.64	-3.38
	352	-3.38e-002	2.38e-002	2.52e-002	3.62	0.27	-2.78
	342	-3.38e-002	2.37e-002	9.05e-003	5.33	-0.51	-4.04
341	340	-3.39e-004	1.01e-002	8.41e-003	0.49	-2.59e-002	-4.29
	350	2.75e-004	1.96e-002	5.03e-003	0.49	-7.85e-002	-4.01
	351	-2.90e-003	1.93e-002	-5.44e-003	0.89	-0.38	-3.89
	341	-3.51e-003	9.90e-003	-2.06e-003	1.16	-0.55	-4.17
342	339	1.98e-005	9.06e-003	1.92e-003	0.10	-4.16e-003	-4.19
	349	6.27e-004	1.84e-002	1.83e-003	0.11	-2.77e-003	-4.12
	350	1.98e-004	1.84e-002	5.52e-003	0.19	-0.18	-4.11
	340	-4.09e-004	9.03e-003	5.61e-003	0.25	-0.19	-4.18
343	338	-1.90e-004	7.57e-003	4.08e-003	6.46e-003	-5.45e-003	-4.15
	348	3.03e-004	1.52e-002	3.69e-003	2.01e-002	-2.21e-003	-4.14
	349	4.17e-004	1.52e-002	2.05e-003	3.12e-002	-6.42e-002	-4.15
	339	-7.66e-005	7.58e-003	2.44e-003	4.33e-002	-5.30e-002	-4.16
344	337	-3.87e-004	6.32e-003	2.40e-003	-4.14e-002	-1.35e-002	-4.13
	347	2.83e-005	1.27e-002	1.99e-003	-5.76e-003	-1.73e-002	-4.12
	348	1.44e-004	1.27e-002	3.69e-003	-1.01e-002	-3.23e-002	-4.14
	338	-2.71e-004	6.33e-003	4.10e-003	-3.90e-003	-1.87e-002	-4.14
345	336	3.40e-005	4.88e-003	5.80e-003	-0.15	-4.64e-002	-4.07
	346	3.34e-004	9.50e-003	5.72e-003	-3.52e-002	-7.29e-002	-4.05
	347	-1.83e-004	9.47e-003	1.74e-003	-5.17e-002	-5.24e-002	-4.10
	337	-4.83e-004	4.85e-003	1.82e-003	-3.73e-002	-2.44e-002	-4.12
346	335	3.41e-003	4.16e-003	-2.79e-003	-0.50	-0.18	-3.88
	345	3.70e-003	8.60e-003	-5.75e-003	-0.12	-0.31	-3.80
	346	2.61e-004	8.38e-003	5.59e-003	-0.17	-0.14	-3.98
	336	-2.75e-005	3.93e-003	8.55e-003	-0.13	-7.53e-002	-4.06
347	334	3.51e-002	-9.14e-003	8.75e-003	-1.65	-0.80	-3.19
	344	3.60e-002	5.23e-003	2.83e-002	-0.35	-1.32	-2.93
	345	3.34e-003	3.11e-003	8.31e-004	-0.49	-0.39	-3.58
	335	2.41e-003	-1.13e-002	-1.87e-002	-0.41	-0.23	-3.84
348	313	-1.22e-002	-4.69e-002	-8.32e-002	-2.70	-4.03	-0.89
	323	-9.05e-003	1.01e-003	-5.01e-002	-1.10	-5.00	-0.56
	344	3.59e-002	3.93e-003	9.75e-003	-1.11	-1.30	-2.28
	334	3.28e-002	-4.40e-002	-2.34e-002	-0.93	-0.36	-2.61
349	302	3.69e-002	2.40e-003	0.19	3.27	-2.18	-10.48
	342	4.06e-002	5.90e-002	4.85e-003	6.99	-5.22	-4.73
	343	3.89e-002	5.89e-002	-0.15	9.21	9.65	-2.24
	187	3.52e-002	2.29e-003	3.36e-002	24.87	4.50	-8.00
350	213	9.70e-004	6.30e-005	-4.20e-003	0.44	-0.16	-5.34
	341	2.66e-003	2.61e-002	-2.00e-002	1.66	-0.23	-4.74
	342	3.86e-002	2.84e-002	3.63e-002	3.66	-0.80	-5.74
	302	3.69e-002	2.40e-003	5.21e-002	0.73	2.77e-002	-6.33
351	301	-8.87e-004	-5.77e-005	1.07e-002	0.12	-3.26e-002	-4.46
	340	-2.26e-004	1.01e-002	1.01e-002	0.41	7.87e-003	-4.31
	341	1.63e-003	1.02e-002	-5.92e-003	1.21	-0.52	-4.75
	213	9.70e-004	6.30e-005	-5.32e-003	-0.11	-6.71e-002	-4.91
352	212	-2.69e-004	-1.75e-005	1.48e-003	2.76e-002	-6.21e-003	-4.22
	339	3.22e-004	9.08e-003	1.86e-003	8.42e-002	3.27e-003	-4.19
	340	-2.96e-004	9.04e-003	7.32e-003	0.31	-0.16	-4.32
	301	-8.87e-004	-5.77e-005	6.94e-003	-8.47e-002	-2.83e-002	-4.36
353	298	-2.23e-004	-1.45e-005	5.03e-003	3.66e-003	-2.03e-003	-4.16
	338	2.72e-004	7.60e-003	4.77e-003	1.16e-002	-2.38e-003	-4.15

	339	2.25e-004	7.59e-003	2.38e-003	7.13e-002	-4.29e-002	-4.19
	212	-2.69e-004	-1.75e-005	2.64e-003	-2.96e-002	-8.37e-003	-4.20
354	211	-1.87e-004	-1.22e-005	2.57e-003	-9.03e-003	-3.01e-003	-4.14
	337	2.27e-004	6.36e-003	2.32e-003	-1.18e-002	-6.54e-003	-4.14
	338	1.92e-004	6.36e-003	4.79e-003	5.37e-003	-1.44e-002	-4.15
	298	-2.23e-004	-1.45e-005	5.04e-003	-9.64e-003	-2.39e-003	-4.15
355	297	3.84e-004	2.49e-005	7.15e-003	-3.98e-002	-1.00e-002	-4.11
	336	7.02e-004	4.92e-003	7.53e-003	-4.25e-002	-2.13e-002	-4.10
	337	1.31e-004	4.89e-003	1.75e-003	-3.40e-002	-1.97e-002	-4.12
	211	-1.87e-004	-1.22e-005	1.36e-003	-6.00e-003	-1.37e-003	-4.14
356	210	-1.99e-003	-1.30e-004	-5.96e-003	-0.16	-3.91e-002	-4.01
	335	-1.74e-003	3.82e-003	-6.76e-003	-0.11	-8.69e-002	-3.97
	336	6.41e-004	3.98e-003	1.03e-002	-0.12	-6.32e-002	-4.06
	297	3.84e-004	2.49e-005	1.11e-002	-1.12e-002	-2.76e-003	-4.10
357	294	-4.16e-002	-2.70e-003	5.42e-002	-0.66	-0.16	-3.54
	334	-4.23e-002	-1.42e-002	3.61e-002	-0.16	-0.43	-3.44
	335	-2.74e-003	-1.16e-002	-2.27e-002	-0.40	-0.20	-3.84
	210	-1.99e-003	-1.30e-004	-4.52e-003	-1.69e-002	-1.11e-002	-3.94
358	181	-1.77e-002	-1.15e-003	4.35e-002	-4.04	-1.08	-1.62
	313	-2.07e-002	-4.74e-002	-0.16	-1.87	-3.34	-0.63
	334	-4.46e-002	-4.90e-002	4.00e-003	-1.40	0.12	-2.67
	294	-4.16e-002	-2.70e-003	0.21	-0.33	0.17	-3.66
359	322	-1.29e-002	6.12e-002	2.70e-003	-9.96e-001	-2.04	1.47
	332	-1.20e-002	7.50e-002	9.11e-004	-2.10e-002	-2.34	1.39
	333	1.58e-003	7.59e-002	-1.38e-002	-0.20	-6.35	0.16
	323	6.88e-004	6.21e-002	-1.20e-002	-1.54	-5.15	0.24
360	321	4.10e-003	5.11e-002	2.21e-002	-0.50	-0.59	2.65
	331	5.32e-003	6.98e-002	2.46e-003	-3.29e-002	-0.60	2.53
	332	-1.24e-002	6.86e-002	1.09e-003	-4.66e-002	-2.57	1.80
	322	-1.36e-002	4.99e-002	2.07e-002	-1.11	-1.70	1.92
361	320	-6.77e-004	2.78e-002	1.90e-002	-0.20	-0.19	3.12
	330	3.56e-004	4.37e-002	5.34e-003	-1.07e-002	-0.14	3.05
	331	3.64e-003	4.39e-002	3.62e-003	2.81e-002	-0.93	2.73
	321	2.60e-003	2.80e-002	1.73e-002	-0.54	-0.51	2.80
362	319	6.10e-004	1.06e-002	1.86e-002	-7.41e-002	-3.54e-002	3.26
	329	9.13e-004	1.53e-002	6.11e-003	-1.24e-003	-7.72e-003	3.24
	330	-1.50e-003	1.52e-002	7.29e-003	1.94e-002	-0.31	3.12
	320	-1.80e-003	1.05e-002	1.98e-002	-0.20	-0.14	3.15
363	318	9.26e-004	-9.33e-003	1.97e-002	-5.74e-002	7.21e-002	3.31
	328	6.42e-004	-1.37e-002	6.06e-003	6.77e-003	7.10e-002	3.31
	329	-9.78e-004	-1.38e-002	5.27e-003	5.50e-003	-6.28e-002	3.26
	319	-6.95e-004	-9.44e-003	1.89e-002	-7.92e-002	-1.27e-002	3.27
364	317	1.31e-003	-2.82e-002	1.90e-002	-0.19	0.26	3.36
	327	3.64e-004	-4.27e-002	5.32e-003	2.55e-002	0.17	3.39
	328	-1.25e-003	-4.28e-002	6.06e-003	-1.01e-002	0.10	3.32
	318	-3.06e-004	-2.83e-002	1.97e-002	-7.55e-002	8.59e-002	3.29
365	316	2.77e-003	-4.80e-002	1.96e-002	-0.78	0.68	3.57
	326	1.24e-003	-7.17e-002	7.11e-003	3.86e-002	0.32	3.70
	327	-1.53e-003	-7.18e-002	6.17e-003	-5.98e-002	0.38	3.44
	317	7.98e-006	-4.82e-002	1.87e-002	-0.25	0.29	3.31
366	315	-4.42e-004	-6.61e-002	1.63e-002	-2.54	1.44	4.29
	325	-2.62e-003	-0.10	3.78e-003	-0.28	0.59	4.76
	326	-5.76e-004	-0.10	5.41e-003	-0.28	0.92	3.97
	316	1.61e-003	-6.60e-002	1.79e-002	-0.95	0.93	3.50
367	314	1.45e-002	-9.03e-002	1.43e-002	-5.08	2.02	5.53
	324	1.26e-002	-0.12	-1.47e-003	-2.16	3.03	6.49
	325	-4.01e-003	-0.12	2.84e-003	-1.11	0.94	5.63

	315	-2.09e-003	-9.14e-002	1.86e-002	-2.93	2.79	4.67
368	277	-4.22e-002	-0.11	-4.73e-003	-25.48	-1.59	1.86
	283	-4.35e-002	-0.13	-1.63e-004	14.64	17.42	2.51
	324	1.24e-002	-0.12	6.27e-003	-3.23	-7.69	5.71
	314	1.38e-002	-0.10	1.70e-003	-6.66	4.24	5.06
369	312	-3.52e-002	7.88e-002	2.94e-003	-1.17	-0.54	1.82
	322	-3.64e-002	5.97e-002	3.23e-002	-1.30	-1.72	1.60
	323	-5.11e-003	6.17e-002	-4.11e-002	-0.59	-4.63	8.28e-002
	313	-3.86e-003	8.09e-002	-7.05e-002	-3.05	-3.93	0.31
370	311	-8.09e-004	4.01e-002	5.56e-003	-0.52	-0.24	3.00
	321	-1.18e-004	5.08e-002	1.85e-002	-0.63	-0.47	2.70
	322	-3.71e-002	4.84e-002	5.03e-002	-0.66	-1.40	2.07
	312	-3.78e-002	3.77e-002	3.74e-002	-1.59	-0.83	2.36
371	310	-4.47e-004	1.45e-002	3.31e-002	-0.18	-6.50e-002	3.24
	320	4.24e-004	2.79e-002	2.73e-002	-0.24	-0.16	3.13
	321	-1.62e-003	2.77e-002	1.37e-002	-0.26	-0.38	2.93
	311	-2.49e-003	1.43e-002	1.96e-002	-0.57	-0.23	3.04
372	309	5.87e-004	5.30e-003	2.50e-002	-6.24e-002	2.73e-003	3.30
	319	9.36e-004	1.07e-002	2.32e-002	-9.29e-002	-2.81e-002	3.26
	320	-7.01e-004	1.06e-002	2.81e-002	-0.10	-0.10	3.21
	310	-1.05e-003	5.19e-003	2.99e-002	-0.20	-6.19e-002	3.25
373	308	6.15e-004	-4.66e-003	2.79e-002	-3.82e-002	6.33e-002	3.29
	318	3.09e-004	-9.37e-003	2.56e-002	-6.70e-002	7.04e-002	3.29
	319	-3.69e-004	-9.42e-003	2.34e-002	-4.45e-002	4.93e-004	3.29
	309	-6.28e-005	-4.71e-003	2.57e-002	-7.94e-002	3.10e-003	3.29
374	307	6.86e-004	-1.41e-002	2.58e-002	-0.14	0.21	3.20
	317	-2.37e-004	-2.83e-002	2.35e-002	-0.18	0.26	3.26
	318	-9.23e-004	-2.83e-002	2.56e-002	-7.22e-002	8.57e-002	3.30
	308	3.22e-007	-1.41e-002	2.79e-002	-8.88e-002	6.91e-002	3.25
375	306	1.76e-003	-2.41e-002	2.97e-002	-0.66	0.65	2.98
	316	1.90e-004	-4.82e-002	2.77e-002	-0.69	0.71	3.21
	317	-1.54e-003	-4.83e-002	2.32e-002	-0.29	0.29	3.31
	307	2.69e-005	-2.42e-002	2.51e-002	-0.31	0.22	3.07
376	305	3.58e-003	-3.38e-002	2.08e-002	-2.79	1.81	2.51
	315	1.48e-003	-6.60e-002	1.38e-002	-2.61	1.52	3.42
	316	-9.77e-004	-6.62e-002	2.61e-002	-1.17	9.98e-001	3.45
	306	1.11e-003	-3.40e-002	3.31e-002	-1.26	0.65	2.54
377	304	3.43e-002	-6.16e-002	3.80e-002	-10.01	2.83	1.62
	314	3.25e-002	-8.92e-002	4.38e-002	-9.47	1.18	4.72
	315	-1.59e-004	-9.13e-002	1.61e-002	-4.03	3.51	4.35
	305	1.63e-003	-6.37e-002	1.03e-002	-4.79	2.25	1.26
378	271	-4.11e-002	-0.10	-6.06e-002	-39.83	-17.36	-1.19
	277	-4.12e-002	-0.11	-3.25e-002	0.70	-4.44	2.63
	314	3.18e-002	-0.10	3.11e-002	-10.24	3.98	4.30
	304	3.19e-002	-0.10	3.06e-003	-13.40	11.84	0.48
379	292	3.23e-002	2.10e-003	0.25	-0.38	0.27	3.04
	312	3.76e-002	8.36e-002	3.81e-002	-1.61	-3.65e-002	1.96
	313	-1.24e-002	8.03e-002	-0.15	-1.43	-3.30	5.77e-002
	181	-1.77e-002	-1.15e-003	6.08e-002	-4.55	-1.20	1.14
380	209	-6.74e-004	-4.38e-005	1.87e-002	-4.95e-002	2.12e-003	3.16
	311	1.95e-003	4.03e-002	3.47e-003	-0.50	-0.20	3.00
	312	3.49e-002	4.25e-002	7.25e-002	-0.52	-0.48	2.65
	292	3.23e-002	2.10e-003	8.77e-002	-0.59	-0.18	2.81
381	291	-9.26e-004	-6.02e-005	4.09e-002	-1.81e-002	4.43e-004	3.29
	310	1.95e-005	1.45e-002	3.83e-002	-0.18	-5.28e-002	3.24
	311	2.71e-004	1.45e-002	1.75e-002	-0.24	-0.12	3.16
	209	-6.74e-004	-4.38e-005	2.01e-002	-0.14	-4.75e-002	3.21

382	208	9.97e-005	6.48e-006	2.90e-002	6.24e-004	3.72e-003	3.31
	309	4.43e-004	5.29e-003	2.77e-002	-7.51e-002	9.25e-004	3.30
	310	-5.83e-004	5.22e-003	3.51e-002	-0.10	-3.05e-002	3.29
	291	-9.26e-004	-6.02e-005	3.64e-002	-4.13e-002	-1.36e-002	3.31
383	288	3.00e-004	1.95e-005	3.35e-002	2.51e-002	1.07e-002	3.27
	308	-6.53e-006	-4.70e-003	3.17e-002	-8.55e-002	4.69e-002	3.27
	309	-2.07e-004	-4.72e-003	2.84e-002	-4.22e-002	7.88e-003	3.31
	208	9.97e-005	6.48e-006	3.02e-002	-2.01e-002	-6.17e-004	3.31
384	207	5.52e-004	3.59e-005	3.03e-002	8.15e-002	3.09e-002	3.08
	307	-3.69e-004	-1.41e-002	2.85e-002	-0.26	0.16	3.11
	308	-6.21e-004	-1.42e-002	3.17e-002	-5.73e-002	5.43e-002	3.26
	288	3.00e-004	1.95e-005	3.34e-002	-3.45e-002	1.26e-002	3.23
385	287	1.62e-003	1.06e-004	3.63e-002	0.21	8.74e-002	2.47
	306	4.47e-005	-2.42e-002	3.50e-002	-0.95	0.54	2.60
	307	-1.03e-003	-2.43e-002	2.78e-002	-0.22	0.16	3.09
	207	5.52e-004	3.59e-005	2.91e-002	-0.11	4.79e-002	2.96
386	206	2.81e-003	1.82e-004	2.17e-002	0.24	0.19	0.60
	305	5.84e-004	-3.40e-002	1.89e-002	-3.24	1.60	1.10
	306	-5.97e-004	-3.41e-002	3.84e-002	-0.96	0.45	2.56
	287	1.62e-003	1.06e-004	4.12e-002	-0.39	0.18	2.06
387	284	-2.44e-002	-1.59e-003	8.83e-002	-2.01	-0.10	-4.23
	304	-2.86e-002	-6.57e-002	7.72e-002	-9.97	2.73	-2.24
	305	-1.36e-003	-6.39e-002	8.37e-003	-3.86	1.66	1.11
	206	2.81e-003	1.82e-004	1.95e-002	-1.36	0.71	-0.87
388	176	-5.11e-002	-3.32e-003	4.18e-002	-55.98	-10.07	-10.87
	271	-5.77e-002	-0.10	-0.14	-11.95	-17.42	1.60
	304	-3.10e-002	-0.10	4.23e-002	-15.48	11.49	-1.56
	284	-2.44e-002	-1.59e-003	0.23	-7.03	6.04	-14.03
429	276	-7.20e-003	-6.46e-002	1.88e-002	-7.31	4.33	-7.03
	282	-1.11e-002	-0.12	-1.23e-002	-2.98	-7.66	-7.66
	283	-4.35e-002	-0.13	-2.73e-002	14.05	17.60	-4.67
	277	-3.96e-002	-6.67e-002	3.69e-003	-25.14	-1.35	-4.04
430	275	6.57e-003	-0.10	4.26e-002	-5.26	3.58	-5.89
	281	3.24e-003	-0.15	9.80e-003	-1.01	0.49	-6.52
	282	-1.27e-002	-0.15	6.13e-003	-2.54	3.37	-8.33
	276	-9.39e-003	-0.10	3.89e-002	-5.69	2.31	-7.71
431	274	-1.04e-003	-0.14	3.74e-002	-7.58	2.21	-2.06
	280	-5.26e-003	-0.20	7.50e-003	-0.75	-0.98	-1.46
	281	-1.64e-004	-0.20	9.02e-003	-0.95	1.68	-4.90
	275	4.05e-003	-0.14	3.89e-002	-5.20	2.52	-5.50
432	273	7.87e-003	-0.17	5.20e-002	-14.00	-0.35	3.58
	279	1.89e-003	-0.26	2.24e-002	-4.48	-2.88	5.92
	280	-9.29e-003	-0.26	1.32e-002	-2.15	0.55	1.11
	274	-3.30e-003	-0.17	4.28e-002	-8.17	3.65	-1.22
433	272	-6.92e-002	-0.13	8.30e-002	-51.93	-18.13	1.76
	278	-8.82e-002	-0.42	0.12	5.71	9.46	7.99
	279	-8.19e-003	-0.42	9.45e-002	-7.76	-16.68	9.26
	273	1.08e-002	-0.12	5.32e-002	-18.21	4.73	3.04
434	270	-4.02e-002	1.77e-002	3.35e-002	-14.45	11.65	-3.03
	276	-4.57e-002	-6.71e-002	5.50e-002	-10.97	3.87	-6.51
	277	-3.87e-002	-6.67e-002	-2.41e-002	0.47	-4.18	-4.80
	271	-3.32e-002	1.82e-002	-4.56e-002	-39.71	-17.15	-1.32
435	269	3.45e-003	-3.28e-002	3.08e-002	-7.00	3.33	-3.79
	275	-7.69e-004	-0.10	4.40e-002	-6.01	4.61	-6.44
	276	-4.79e-002	-0.10	7.51e-002	-10.78	1.43	-6.95
	270	-4.37e-002	-3.59e-002	6.19e-002	-11.16	3.33	-4.30
436	268	7.73e-004	-6.93e-002	5.40e-002	-8.38	3.22	-5.34

	274	-3.59e-003	-0.14	4.76e-002	-7.23	2.81	-4.22
	275	-3.28e-003	-0.14	4.04e-002	-5.85	2.87	-4.70
	269	1.08e-003	-6.92e-002	4.68e-002	-6.11	3.03	-5.82
437	267	-2.72e-002	-7.47e-002	6.30e-002	-22.32	2.90	-5.85
	273	-3.36e-002	-0.17	7.10e-002	-20.45	-0.83	0.52
	274	-5.86e-003	-0.17	5.30e-002	-10.37	5.38	-1.49
	268	5.34e-004	-7.29e-002	4.50e-002	-10.97	4.27	-7.86
438	266	-4.28e-002	-5.21e-002	-1.99e-002	-69.95	-33.35	-5.26
	272	-4.78e-002	-0.13	1.22e-002	-12.36	-20.01	2.64
	273	-3.06e-002	-0.13	7.22e-002	-23.82	4.43	1.07
	267	-2.57e-002	-5.10e-002	4.01e-002	-27.73	15.94	-6.83
439	205	3.13e-002	2.04e-003	0.30	-6.95	6.37	11.65
	270	3.27e-002	2.24e-002	7.80e-002	-16.90	11.34	-0.97
	271	-4.98e-002	1.71e-002	-0.13	-11.83	-17.40	-4.07
	176	-5.11e-002	-3.32e-003	0.10	-56.47	-10.40	8.55
440	204	2.51e-003	1.63e-004	4.72e-002	-1.28	0.90	-2.58
	269	3.52e-004	-3.30e-002	2.94e-002	-6.26	2.68	-4.49
	270	2.92e-002	-3.12e-002	0.11	-11.22	3.10	-0.24
	205	3.13e-002	2.04e-003	0.12	-2.65	-0.11	1.67
441	203	1.69e-004	1.10e-005	6.93e-002	-0.58	0.35	-8.73
	268	-4.35e-003	-6.96e-002	6.51e-002	-7.78	2.96	-8.16
	269	-2.01e-003	-6.94e-002	4.54e-002	-5.79	2.50	-4.27
	204	2.51e-003	1.63e-004	4.96e-002	-0.71	0.53	-4.84
442	202	-1.40e-002	-9.08e-004	5.19e-002	-5.21	-0.69	-17.04
	267	-1.87e-002	-7.42e-002	5.37e-002	-19.61	3.61	-13.14
	268	-4.59e-003	-7.33e-002	5.61e-002	-9.45	3.26	-7.68
	203	1.69e-004	1.10e-005	5.43e-002	-2.45	1.41	-11.58
443	175	-4.28e-002	-2.78e-003	-2.53e-002	-86.09	-17.09	-24.03
	266	-4.60e-002	-5.23e-002	-4.22e-002	-28.79	-31.52	-3.29
	267	-1.72e-002	-5.04e-002	3.08e-002	-30.65	16.32	-10.57
	202	-1.40e-002	-9.08e-004	4.77e-002	-11.25	9.47	-31.30
600	158	-8.74e-002	-4.09e-002	0.14	34.05	-184.14	163.59
	104	-0.12	-0.47	-1.04	-62.02	-63.56	177.72
	41	-3.00e-002	-0.46	1.06e-002	-152.66	-622.87	-2.58
	116	-2.30e-003	-3.54e-002	1.19	124.11	-76.36	-16.70
601	157	-9.10e-003	5.85e-002	0.19	2.84	41.74	205.92
	103	-2.76e-002	-0.23	0.10	-3.66	89.78	219.53
	104	-0.10	-0.23	-0.30	-5.96	-164.91	204.11
	158	-8.13e-002	5.38e-002	-0.21	8.34	-81.13	190.49
602	156	-1.40e-002	-0.13	5.33e-002	-6.97	212.62	150.93
	102	-2.01e-002	-0.22	6.89e-003	24.41	353.49	168.99
	103	-2.72e-002	-0.22	0.11	22.72	59.20	216.77
	157	-2.11e-002	-0.13	0.16	4.43	90.39	198.71
603	155	-0.23	-9.34e-003	0.15	-68.63	138.68	-215.41
	1	-0.26	-0.37	0.25	76.40	985.73	-179.84
	102	-2.92e-002	-0.36	0.12	101.83	232.62	144.63
	156	-5.51e-003	5.49e-003	2.31e-002	-57.68	336.94	109.06
604	154	-0.23	-1.83e-002	-7.66e-002	32.98	-32.44	171.47
	158	-0.23	-5.03e-002	0.45	26.10	-124.85	141.14
	116	-2.30e-003	-3.54e-002	0.56	-11.90	-27.02	100.11
	115	-2.18e-004	-3.36e-003	2.68e-002	16.02	-25.76	130.44
605	153	-5.08e-002	-4.61e-003	6.30e-002	7.57	24.71	176.43
	157	-4.69e-002	5.60e-002	0.13	-6.01	23.20	210.63
	158	-0.23	4.44e-002	0.10	46.47	-47.21	196.16
	154	-0.23	-1.62e-002	3.18e-002	17.40	-17.50	161.96
606	152	-6.47e-002	-1.10e-003	7.74e-002	-21.73	90.31	125.23
	156	-7.30e-002	-0.13	8.12e-002	-46.11	162.79	157.32

	157	-5.89e-002	-0.13	0.10	10.46	93.50	204.15
	153	-5.05e-002	-1.83e-004	0.10	-19.36	61.27	172.07
607	151	9.35e-003	-7.46e-003	9.07e-003	14.04	48.83	66.95
	155	1.03e-002	6.51e-003	2.21e-003	61.18	57.25	-3.14
	156	-6.45e-002	1.66e-003	5.11e-002	-20.51	237.49	65.31
	152	-6.54e-002	-1.23e-002	5.80e-002	-32.64	89.56	135.40
608	150	0.11	4.06e-002	0.45	9.12	-27.87	162.98
	154	0.10	3.47e-003	-5.83e-002	16.80	-25.57	150.44
	115	-2.18e-004	-3.36e-003	2.41e-002	0.59	-14.65	149.33
	114	2.19e-003	3.38e-002	0.53	1.66	-10.31	161.87
609	149	-5.66e-002	-0.12	0.15	-1.94	9.44	144.93
	153	-4.89e-002	-4.48e-003	5.95e-002	-3.35	27.34	162.88
	154	0.10	5.51e-003	5.01e-002	17.75	-17.40	167.13
	150	0.10	-0.11	0.15	9.39	-9.40	149.17
610	148	-2.37e-003	6.00e-003	4.39e-002	-20.06	52.29	125.02
	152	-2.57e-003	2.93e-003	6.42e-002	-16.72	78.48	139.53
	153	-4.86e-002	-5.63e-005	9.39e-002	-3.38	46.02	155.61
	149	-4.84e-002	3.01e-003	7.37e-002	-7.04	35.92	141.10
611	147	7.87e-002	8.14e-003	-9.56e-003	6.03	25.20	129.87
	151	7.80e-002	-3.00e-003	2.81e-002	13.64	21.46	101.31
	152	-3.30e-003	-8.28e-003	4.47e-002	-17.37	80.74	109.65
	148	-2.57e-003	2.86e-003	7.08e-003	-15.14	58.05	138.22
612	107	-7.60e-003	3.97e-002	-0.82	-24.26	-7.34	149.63
	150	-8.03e-003	3.31e-002	0.20	6.76	-39.64	157.18
	114	2.19e-003	3.38e-002	1.13	21.01	-13.84	185.67
	46	2.62e-003	4.04e-002	0.11	-28.43	-114.85	178.12
613	106	-2.01e-002	-2.89e-003	0.11	-0.82	7.77	145.62
	149	-2.78e-002	-0.12	0.20	-4.24	12.94	144.22
	150	-1.81e-002	-0.12	-0.10	5.45	-19.74	151.51
	107	-1.03e-002	-2.26e-003	-0.19	-18.06	-32.12	152.90
614	105	-1.54e-002	-2.69e-002	2.48e-002	16.83	48.53	125.36
	148	-1.33e-002	5.29e-003	4.48e-002	-10.85	52.50	126.33
	149	-1.96e-002	4.88e-003	0.12	2.01	24.47	140.52
	106	-2.17e-002	-2.73e-002	0.10	0.88	-1.44	139.55
615	3	0.14	-5.43e-002	7.22e-002	-32.62	167.17	145.59
	147	0.15	1.25e-002	-6.27e-002	-7.80	23.45	170.11
	148	-1.35e-002	2.15e-003	7.91e-003	-23.18	74.34	127.88
	105	-1.78e-002	-6.46e-002	0.14	26.84	26.35	103.36
616	146	3.85e-002	5.49e-002	0.25	-1.49	-48.46	157.83
	107	3.77e-002	4.27e-002	-0.81	-20.12	-5.22	164.15
	46	2.62e-003	4.04e-002	0.11	-40.55	-117.80	133.14
	119	3.42e-003	5.26e-002	1.17	30.76	-16.55	126.81
617	145	6.39e-003	8.99e-002	0.22	12.31	-8.93	164.46
	106	4.48e-004	-1.56e-003	0.12	11.70	7.17	151.65
	107	3.50e-002	6.90e-004	-0.18	-8.00	-36.10	156.51
	146	4.10e-002	9.22e-002	-8.58e-002	-6.63	-28.05	169.33
618	144	1.02e-002	-3.36e-002	9.33e-002	32.78	12.82	136.39
	105	1.07e-002	-2.52e-002	4.60e-002	42.90	45.92	125.07
	106	-1.14e-003	-2.60e-002	0.11	24.70	-9.79	146.23
	145	-1.68e-003	-3.44e-002	0.16	15.11	-13.56	157.55
619	143	-0.25	-1.69e-002	2.73e-002	5.99	23.72	44.96
	3	-0.25	-8.00e-002	0.13	55.60	183.00	56.27
	105	8.29e-003	-6.30e-002	0.16	53.66	7.58	124.72
	144	1.24e-002	2.12e-004	5.68e-002	28.56	46.90	113.41
620	142	-0.20	-1.14e-002	-6.17e-002	4.51	-10.26	163.03
	146	-0.20	3.97e-002	0.48	-4.36	-38.25	161.62
	119	3.42e-003	5.26e-002	0.62	-9.67	-4.93	143.47

	509	527.85	40.26	-9.35	102.97	-2503.92	-5105.94
2	255	1542.98	-72.91	-4.15	-205.38	728.92	-7618.60
	196	-1542.98	72.91	4.15	205.38	590.33	-15554.33
3	487	-14.52	13.30	-8.51	-2473.35	2262.06	3948.48
	509	14.52	-13.30	8.51	2473.35	2395.42	3334.87
4	509	12.79	-5.68	-147.13	968.22	13345.88	-722.76
	495	-12.79	5.68	147.13	-968.22	4309.54	40.99
5	195	223.51	2.51	324.05	1057.31	-37888.64	-2669.20
	509	-223.51	-2.51	-324.05	-1057.31	-10719.56	3045.19
6	403	0.33	8.84	5.90	-761.29	-217.54	157.27
	413	-0.33	-8.84	-5.90	761.29	11.13	152.24
7	393	3.36	35.52	9.04	-1059.90	-590.88	827.57
	403	-3.36	-35.52	-9.04	1059.90	274.32	415.60
8	190	6.04	105.89	13.66	-1161.43	-1156.14	5692.10
	393	-6.04	-105.89	-13.66	1161.43	678.20	-1985.86
9	353	-34.80	4.01	15.99	-204.48	-1598.85	271.10
	363	34.80	-4.01	-15.99	204.48	1039.19	-130.69
10	343	-33.29	28.41	22.56	-577.01	-3172.29	693.49
	353	33.29	-28.41	-22.56	577.01	2382.78	300.78
11	187	-43.51	88.71	44.57	-681.84	-5581.78	4831.32
	343	43.51	-88.71	-44.57	681.84	4021.74	-1726.38
12	323	4.15	8.08	-6.30	-38.23	213.70	159.40
	333	-4.15	-8.08	6.30	38.23	6.85	123.32
13	313	11.31	31.25	-8.67	-47.34	534.09	726.67
	323	-11.31	-31.25	8.67	47.34	-230.66	367.22
14	181	21.86	93.28	-12.63	-48.31	1027.87	5105.02
	313	-21.86	-93.28	12.63	48.31	-585.94	-1840.17
15	277	43.80	3.92	-46.78	-254.56	2440.10	250.55
	283	-43.80	-3.92	46.78	254.56	-802.86	-113.48
16	271	42.68	26.01	-57.97	-267.99	5968.60	755.51
	277	-42.68	-26.01	57.97	267.99	-3939.49	154.80
17	176	63.19	91.13	-100.88	-269.50	11177.88	5126.10
	271	-63.19	-91.13	100.88	269.50	-7646.98	-1936.40
18	272	75.39	-40.83	-74.50	77.76	7608.74	-1269.38
	278	-75.39	40.83	74.50	-77.76	-5001.42	-159.66
19	266	48.92	15.51	-97.18	-534.84	12094.65	-282.92
	272	-48.92	-15.51	97.18	534.84	-8693.40	825.85
20	175	52.89	33.27	-143.41	-1647.68	18283.68	1059.75
	266	-52.89	-33.27	143.41	1647.68	-13264.32	104.79
21	508	86.65	-31.78	-1.00	707.36	223.88	-5161.55
	278	-86.65	31.78	1.00	-707.36	76.93	-4373.57
22	506	-70.59	-0.88	-3.80	-429.34	825.65	-1115.58
	500	70.59	0.88	3.80	429.34	749.88	752.29
23	167	-163.60	-68.22	8.69	-555.86	-1792.17	-15072.57
	506	163.60	68.22	-8.69	555.86	-725.05	-4691.00
24	507	33.89	-3.38	9.60	1024.88	-1618.21	-712.71
	508	-33.89	3.38	-9.60	-1024.88	-1261.88	-302.20
25	506	29.54	-25.57	-7.25	-820.03	1722.06	-5400.81
	507	-29.54	25.57	7.25	820.03	1395.98	-5592.81
26	505	70.27	-14.60	16.80	2926.76	-3427.24	-2936.86
	506	-70.27	14.60	-16.80	-2926.76	-3126.34	-2756.34

27	504	83.59	-25.11	-13.71	-2638.68	2865.34	-5812.99
	505	-83.59	25.11	13.71	2638.68	3030.52	-4986.39
28	504	-116.68	7.64	10.79	-420.05	-1677.60	416.09
	498	116.68	-7.64	-10.79	420.05	-2790.68	2750.28
29	161	-365.53	-98.43	6.48	-1152.35	-341.73	-21634.37
	504	365.53	98.43	-6.48	1152.35	-1536.04	-6879.48
30	499	28.20	7.38	-14.64	-1081.73	3440.85	1780.04
	498	-28.20	-7.38	14.64	1081.73	2854.23	1394.29
31	500	38.30	-0.11	18.34	730.53	-3423.75	-220.61
	499	-38.30	0.11	-18.34	-730.53	-3727.68	176.84
32	501	49.74	13.22	-7.72	-322.62	1395.10	2864.19
	500	-49.74	-13.22	7.72	322.62	1926.31	2822.06
33	502	54.33	0.36	6.55	-24.89	-609.53	328.03
	501	-54.33	-0.36	-6.55	24.89	-1355.82	-220.24
34	503	60.82	9.62	0.75	388.03	-208.90	1216.20
	502	-60.82	-9.62	-0.75	-388.03	-15.60	1669.91
35	496	70.23	2.05	1.79	10.65	-668.18	245.25
	503	-70.23	-2.05	-1.79	-10.65	-244.14	799.31
36	160	159.64	-181.22	-79.29	145.31	12224.62	-22852.81
	504	-159.64	181.22	79.29	-145.31	-3899.40	3824.70
37	163	10.52	-30.52	13.33	-396.71	6524.08	-8769.55
	505	-10.52	30.52	-13.33	396.71	-7923.24	5565.44
38	166	82.99	-39.29	28.23	-1292.22	5134.43	-6185.57
	506	-82.99	39.29	-28.23	1292.22	-8098.96	2059.79
39	169	22.18	-16.85	-4.35	-222.23	6762.37	-3614.33
	507	-22.18	16.85	4.35	222.23	-6305.52	1844.91
40	172	-28.40	10.60	-52.76	-1038.00	11003.85	1430.84
	508	28.40	-10.60	52.76	1038.00	-5463.74	-317.52
41	159	32.08	-95.43	-38.98	461.75	10422.59	-21933.82
	498	-32.08	95.43	38.98	-461.75	102.49	-3832.01
42	162	7.49	-32.98	-10.10	-286.84	4685.06	-10715.98
	499	-7.49	32.98	10.10	286.84	-1956.88	1812.26
43	165	15.58	-38.34	-7.64	-638.60	4568.46	-8546.08
	500	-15.58	38.34	7.64	638.60	-2506.30	-1805.44
44	168	12.86	-14.28	-4.59	39.28	3882.26	-4152.08
	501	-12.86	14.28	4.59	-39.28	-2643.95	297.72
45	171	-9.26	5.80	-6.49	-625.14	3750.31	1153.84
	502	9.26	-5.80	6.49	625.14	-1997.93	412.93
46	174	7.57	-1.04	-9.41	-453.04	4556.12	96.45
	503	-7.57	1.04	9.41	453.04	-2015.51	-377.38
47	177	26.13	-6.55	-46.79	188.74	11953.87	657.63
	496	-26.13	6.55	46.79	-188.74	679.75	-2426.78
48	178	24.85	-15.27	-35.09	-693.29	10375.89	-1476.08
	497	-24.85	15.27	35.09	693.29	-902.86	-2646.16
49	278	-163.32	1.57	1.83	-135.39	-430.02	369.58
	496	163.32	-1.57	-1.83	135.39	-775.44	664.10
50	497	84.88	15.41	-11.16	-197.82	2668.51	3574.59
	496	-84.88	-15.41	11.16	197.82	1573.51	2280.58
51	478	69.61	-9.44	23.92	705.04	-3097.17	-1619.50
	497	-69.61	9.44	-23.92	-705.04	-3361.80	-928.43
52	173	-497.47	-16.55	1.04	-20.12	-349.60	-5820.16

	278	497.47	16.55	-1.04	20.12	-84.00	-1083.21
53	283	-82.01	3.61	-0.88	4.43	-229.46	613.47
	478	82.01	-3.61	0.88	-4.43	703.69	1323.28
54	173	-244.88	-10.72	1.27	309.21	-439.86	-2705.96
	283	244.88	10.72	-1.27	-309.21	34.96	-702.61
55	483	-6.64	-2.33	2.67	-16.68	-1351.73	-740.71
	484	6.64	2.33	-2.67	16.68	-778.51	-1117.14
56	482	0.16	-17.62	-17.18	-4215.63	4323.03	-4941.02
	483	-0.16	17.62	17.18	4215.63	5132.53	-4755.11
57	481	25.55	-0.44	5.30	420.85	-250.90	-700.65
	482	-25.55	0.44	-5.30	-420.85	-2980.57	433.52
58	480	29.66	-3.95	8.80	2678.00	-2902.20	-990.66
	481	-29.66	3.95	-8.80	-2678.00	-1936.23	-1182.39
59	479	40.03	-3.88	-0.33	120.71	-383.43	-973.23
	480	-40.03	3.88	0.33	-120.71	594.32	-1508.74
60	478	57.46	-11.73	-3.99	-467.66	1584.28	-3968.97
	479	-57.46	11.73	3.99	467.66	648.96	-2598.97
61	363	55.03	-3.43	-2.87	-94.57	260.81	-1014.24
	480	-55.03	3.43	2.87	94.57	1279.99	-822.23
62	186	145.48	20.10	-1.92	73.30	72.26	4601.08
	363	-145.48	-20.10	1.92	-73.30	537.01	1788.52
63	473	137.86	44.20	-0.69	64.86	96.89	17434.21
	484	-137.86	-44.20	0.69	-64.86	242.76	4480.91
64	255	1187.01	-13.06	8.89	119.61	-1991.55	-1582.78
	483	-1187.01	13.06	-8.89	-119.61	-2604.51	-5169.74
65	492	46.39	-0.16	0.83	-342.54	-103.14	-817.38
	489	-46.39	0.16	-0.83	342.54	-147.24	770.27
66	494	15.93	1.45	-24.26	-282.62	6276.03	589.95
	492	-15.93	-1.45	24.26	282.62	6947.56	200.32
67	492	134.25	-13.66	8.70	-226.17	-928.86	-1355.96
	495	-134.25	13.66	-8.70	226.17	-2530.49	-4074.21
68	491	21.09	-4.99	13.78	1554.29	-5161.81	-2022.24
	492	-21.09	4.99	-13.78	-1554.29	-5894.22	-1983.33
69	490	-48.14	-39.93	-30.38	-310.70	4589.92	-7409.24
	491	48.14	39.93	30.38	310.70	4447.30	-4469.77
70	489	-27.57	-1.11	13.63	1881.28	-5864.57	-416.97
	490	27.57	1.11	-13.63	-1881.28	-5042.89	-470.29
71	488	-23.84	-0.54	-20.99	-81.76	5121.47	-113.14
	489	23.84	0.54	20.99	81.76	6317.79	-182.74
72	494	20.42	38.65	25.82	-216.76	-3469.29	5287.22
	488	-20.42	-38.65	-25.82	216.76	-4276.08	6308.36
73	493	-0.92	28.31	13.65	-380.92	-3097.48	6430.62
	494	0.92	-28.31	-13.65	380.92	-2327.19	4823.76
74	493	-3.87	0.87	-12.94	236.84	3584.75	185.55
	495	3.87	-0.87	12.94	-236.84	3498.71	292.78
75	473	-38.82	-3.21	-34.25	-452.97	-3641.61	-307.59
	490	38.82	3.21	34.25	452.97	9292.87	-221.86
76	382	36.27	15.29	-131.48	-250.57	-14251.86	-27.74
	473	-36.27	-15.29	131.48	250.57	18853.51	562.96
77	293	3.20	49.57	-85.25	-1350.60	-10209.81	1466.19
	382	-3.20	-49.57	85.25	1350.60	13193.55	268.89

78	200	-4.02	116.90	-52.97	-2287.63	-7387.63	6313.67
	293	4.02	-116.90	52.97	2287.63	9241.50	-2222.25
79	255	-0.41	-2.90	11.77	305.98	-749.31	-221.03
	489	0.41	2.90	-11.77	-305.98	-1192.78	-257.18
80	245	-134.62	16.85	67.29	-468.93	-9572.77	-140.80
	255	134.62	-16.85	-67.29	468.93	7217.64	730.45
81	235	-111.92	43.27	112.81	-351.06	-16533.45	967.93
	245	111.92	-43.27	-112.81	351.06	12585.01	546.56
82	197	-134.78	122.77	228.58	-298.09	-28075.61	6422.10
	235	134.78	-122.77	-228.58	298.09	20075.41	-2125.13
83	443	-39.19	1.98	41.41	845.39	-13222.72	223.07
	488	39.19	-1.98	-41.41	-845.39	6390.12	103.62
84	433	-26.63	6.45	-22.55	860.85	-10519.85	231.61
	443	26.63	-6.45	22.55	-860.85	11309.20	-5.74
85	423	-26.10	32.81	37.07	867.87	-12277.97	803.83
	433	26.10	-32.81	-37.07	-867.87	10980.62	344.50
86	193	-34.26	101.66	116.54	907.28	-17243.64	5505.45
	423	34.26	-101.66	-116.54	-907.28	13164.73	-1947.52
87	201	34.94	9.73	61.73	-714.51	-22693.85	958.47
	491	-34.94	-9.73	-61.73	714.51	6027.58	1669.14
88	196	-10.28	13.83	49.69	21.35	-12125.73	1671.13
	492	10.28	-13.83	-49.69	-21.35	-1290.75	2063.58
89	192	11.79	3.76	2.92	479.55	-11183.19	260.14
	494	-11.79	-3.76	-2.92	-479.55	10393.60	754.12
90	487	29.19	-17.51	13.86	487.27	-7856.59	-1906.10
	493	-29.19	17.51	-13.86	-487.27	6193.79	-195.36
91	185	46.06	29.45	24.91	1335.90	-13938.77	633.22
	487	-46.06	-29.45	-24.91	-1335.90	10202.84	3784.61
92	486	-61.48	-3.57	2.54	-127.10	-137.66	-107.95
	487	61.48	3.57	-2.54	127.10	-1413.43	-2069.96
93	485	-37.95	-1.14	6.08	2816.63	-1848.35	-478.62
	486	37.95	1.14	-6.08	-2816.63	-1495.77	-148.49
94	186	-98.58	-6.05	-2.97	-174.91	316.45	-2095.37
	485	98.58	6.05	2.97	174.91	954.19	-488.93
95	183	39.14	-35.00	84.27	-893.51	-10310.68	-4955.19
	485	-39.14	35.00	-84.27	893.51	-2329.84	-294.55
96	184	-2.43	-23.51	3.36	-1633.43	-3447.75	-3257.40
	486	2.43	23.51	-3.36	1633.43	2943.02	-269.24
97	179	0.64	-13.03	-51.23	-844.74	11336.38	-948.80
	478	-0.64	13.03	51.23	844.74	2495.99	-2570.30
98	182	7.85	-17.43	-3.66	265.53	1576.14	-1134.21
	479	-7.85	17.43	3.66	-265.53	-588.37	-3572.20
99	188	-13.75	-13.21	44.42	-1060.93	-8618.68	-750.59
	480	13.75	13.21	-44.42	1060.93	-3374.99	-2815.58
100	191	3.51	-4.14	3.36	-2187.13	-3170.96	751.71
	481	-3.51	4.14	-3.36	2187.13	2262.50	-1870.86
101	194	-17.18	-25.93	22.48	1342.46	-10860.34	-2631.33
	482	17.18	25.93	-22.48	-1342.46	4791.48	-4370.93
102	198	-351.12	-8.81	1109.11	1274.30	-290258.55	2582.91
	483	351.12	8.81	-1109.11	-1274.30	-9201.49	-4961.73
103	199	-85.24	5.26	118.14	-571.18	-36393.10	2654.82

	484	85.24	-5.26	-118.14	571.18	4496.43	-1235.17
179	472	-10.20	6.95e-002	-3.91	-91.67	143.24	3.18
	473	10.20	-6.95e-002	3.91	91.67	65.13	0.53
180	467	-13.82	3.06e-002	1.11	-2.88	23.92	2.04
	472	13.82	-3.06e-002	-1.11	2.88	-83.32	-0.41
181	466	-12.92	1.47e-002	0.60	23.95	2.29	1.37
	467	12.92	-1.47e-002	-0.60	-23.95	-34.46	-0.59
182	471	-1.82e-012	-2.16	3.64e-012	69.68	-5.82e-011	-31.50
	200	1.82e-012	2.16	-3.64e-012	-69.68	5.82e-011	-83.50
183	470	1.82e-012	-0.14	-3.64e-012	58.94	5.82e-011	-5.25
	471	-1.82e-012	0.14	3.64e-012	-58.94	5.82e-011	-1.98
184	229	1.82e-012	-0.15	3.64e-012	44.95	1.16e-010	-1.34
	470	-1.82e-012	0.15	-3.64e-012	-44.95	5.82e-011	-6.57
185	469	1.82e-012	-7.71e-002	0.00	39.20	5.82e-011	-1.73
	229	-1.82e-012	7.71e-002	0.00	-39.20	1.16e-010	-2.38
186	468	3.64e-012	-0.10	-1.82e-012	37.20	0.00	-1.68
	469	-3.64e-012	0.10	1.82e-012	-37.20	5.82e-011	-3.39
187	228	5.46e-012	-8.95e-002	5.46e-012	36.52	-1.16e-010	-1.95
	468	-5.46e-012	8.95e-002	-5.46e-012	-36.52	-1.16e-010	-2.83
188	465	-10.83	-3.98e-003	0.20	32.65	-0.60	0.80
	466	10.83	3.98e-003	-0.20	-32.65	-9.87	-1.01
189	464	-8.55	7.04e-003	5.41e-002	35.22	-0.60	0.89
	465	8.55	-7.04e-003	-5.41e-002	-35.22	-2.28	-0.51
190	459	-6.29	4.81e-003	1.37e-002	35.93	-0.37	0.62
	464	6.29	-4.81e-003	-1.37e-002	-35.93	-0.36	-0.36
191	458	-4.04	5.37e-003	4.06e-003	36.12	-0.28	0.47
	459	4.04	-5.37e-003	-4.06e-003	-36.12	6.68e-002	-0.18
192	457	-1.79	5.18e-003	3.55e-003	36.15	-0.41	0.28
	458	1.79	-5.18e-003	-3.55e-003	-36.15	0.22	-3.87e-003
193	456	0.46	5.38e-003	6.48e-003	36.14	-0.86	0.10
	457	-0.46	-5.38e-003	-6.48e-003	-36.14	0.52	0.18
194	463	-3.64e-012	-9.15e-002	1.82e-012	36.28	0.00	-2.10
	228	3.64e-012	9.15e-002	-1.82e-012	-36.28	0.00	-2.78
195	462	1.82e-012	-9.06e-002	-3.64e-012	36.17	0.00	-2.27
	463	-1.82e-012	9.06e-002	3.64e-012	-36.17	-5.82e-011	-2.56
196	227	-3.64e-012	-9.15e-002	1.82e-012	36.02	0.00	-2.50
	462	3.64e-012	9.15e-002	-1.82e-012	-36.02	0.00	-2.39
197	461	3.64e-012	-8.95e-002	1.82e-012	35.62	5.82e-011	-2.54
	227	-3.64e-012	8.95e-002	-1.82e-012	-35.62	5.82e-011	-2.23
198	460	5.46e-012	-0.10	-1.82e-012	34.39	-5.82e-011	-3.11
	461	-5.46e-012	0.10	1.82e-012	-34.39	-5.82e-011	-1.96
199	226	1.82e-012	-7.43e-002	3.64e-012	30.63	0.00	-2.00
	460	-1.82e-012	7.43e-002	-3.64e-012	-30.63	0.00	-1.96
200	453	2.71	4.74e-003	9.98e-003	36.17	-1.83	-7.90e-002
	456	-2.71	-4.74e-003	-9.98e-003	-36.17	1.30	0.33
201	452	4.96	7.43e-003	3.05e-003	36.58	-3.43	-0.21
	453	-4.96	-7.43e-003	-3.05e-003	-36.58	3.27	0.60
202	451	7.26	-4.13e-003	-5.14e-002	38.62	-4.92	-0.73
	452	-7.26	4.13e-003	5.14e-002	-38.62	7.66	0.51
203	450	9.60	1.69e-002	-0.16	46.56	-6.39	-0.14
	451	-9.60	-1.69e-002	0.16	-46.56	14.90	1.05

204	449	12.09	4.04e-002	0.66	68.00	-48.59	-0.30
	450	-12.09	-4.04e-002	-0.66	-68.00	13.62	2.45
205	255	9.43	0.32	8.37	82.46	-352.94	5.73
	449	-9.43	-0.32	-8.37	-82.46	-93.71	11.17
206	455	1.82e-012	-0.14	1.82e-012	19.19	0.00	-6.01
	226	-1.82e-012	0.14	-1.82e-012	-19.19	0.00	-1.27
207	454	-1.82e-012	-0.11	0.00	-13.72	-5.82e-011	-1.13
	455	1.82e-012	0.11	0.00	13.72	-5.82e-011	-4.90
208	197	1.82e-012	-2.55	1.82e-012	-123.59	0.00	-93.02
	454	-1.82e-012	2.55	-1.82e-012	123.59	0.00	-43.04
209	254	-5.36	-0.57	-9.18	-78.12	76.17	-12.47
	255	5.36	0.57	9.18	78.12	423.96	-18.43
210	253	-3.50	3.74e-002	-0.97	-68.23	-23.74	0.94
	254	3.50	-3.74e-002	0.97	68.23	76.41	1.10
211	252	-2.63	1.54e-002	5.60e-002	-48.90	-18.79	0.69
	253	2.63	-1.54e-002	-5.60e-002	48.90	15.74	0.15
212	251	-0.56	-1.21e-003	1.20e-002	-41.97	-8.74	-1.18e-002
	252	0.56	1.21e-003	-1.20e-002	41.97	8.08	-5.43e-002
213	250	1.91	6.27e-003	-3.10e-002	-40.19	-2.98	7.19e-002
	251	-1.91	-6.27e-003	3.10e-002	40.19	4.66	0.27
214	249	4.39	7.33e-003	-7.51e-002	-39.22	1.44	-0.18
	250	-4.39	-7.33e-003	7.51e-002	39.22	2.66	0.57
215	248	6.88	-2.76e-003	-0.22	-36.56	10.67	-0.67
	249	-6.88	2.76e-003	0.22	36.56	1.42	0.52
216	247	9.30	1.69e-002	-0.62	-27.55	36.69	-0.12
	248	-9.30	-1.69e-002	0.62	27.55	-2.87	1.04
217	246	11.14	2.97e-002	-0.93	-1.84	81.15	-0.39
	247	-11.14	-2.97e-002	0.93	1.84	-30.63	2.01
218	443	8.54	0.19	3.68	55.16	-15.61	5.22
	246	-8.54	-0.19	-3.68	-55.16	-184.88	5.08
219	448	0.00	-1.58	0.00	126.74	-5.82e-011	-19.27
	197	0.00	1.58	0.00	-126.74	0.00	-66.70
220	225	0.00	-0.10	1.82e-012	10.82	-5.82e-011	-4.53
	448	0.00	0.10	-1.82e-012	-10.82	0.00	-0.73
221	447	0.00	-0.15	0.00	-23.29	-5.82e-011	-2.45
	225	0.00	0.15	0.00	23.29	0.00	-5.52
222	224	0.00	-8.65e-002	0.00	-34.99	0.00	-2.77
	447	0.00	8.65e-002	0.00	34.99	0.00	-1.95
223	446	-1.82e-012	-0.10	0.00	-38.92	-5.82e-011	-2.58
	224	1.82e-012	0.10	0.00	38.92	0.00	-2.67
224	223	0.00	-0.10	0.00	-40.74	0.00	-3.17
	446	0.00	0.10	0.00	40.74	0.00	-2.09
225	445	1.82e-012	-8.24e-002	1.82e-012	-43.09	-2.91e-011	-2.34
	223	-1.82e-012	8.24e-002	-1.82e-012	43.09	0.00	-2.15
226	222	-1.82e-012	-0.14	0.00	-49.13	-5.82e-011	-5.72
	445	1.82e-012	0.14	0.00	49.13	0.00	-1.66
227	444	-1.82e-012	-0.12	0.00	-65.01	-5.82e-011	-2.14
	222	1.82e-012	0.12	0.00	65.01	-2.91e-011	-4.55
228	193	-1.82e-012	-1.91	1.82e-012	-106.84	-2.91e-011	-73.29
	444	1.82e-012	1.91	-1.82e-012	106.84	-2.91e-011	-30.77
289	383	0.00	-1.40	0.00	82.12	-2.91e-011	-25.07

193	0.00	1.40	0.00	-82.12	0.00	-60.23	
290	221	0.00	-6.67e-002	0.00	37.34	0.00	-3.38
	383	0.00	6.67e-002	0.00	-37.34	0.00	-0.69
291	442	3.54	5.07e-002	-3.01	-74.73	173.64	0.38
	443	-3.54	-5.07e-002	3.01	74.73	10.27	2.71
292	441	0.28	2.21e-002	0.92	-13.95	15.14	0.87
	442	-0.28	-2.21e-002	-0.92	13.95	-71.38	0.47
293	440	0.87	1.80e-002	0.56	8.15	-3.31	0.33
	441	-0.87	-1.80e-002	-0.56	-8.15	-31.14	0.76
294	439	2.14	-4.43e-003	0.19	14.92	-2.33	-0.29
	440	-2.14	4.43e-003	-0.19	-14.92	-9.04	2.23e-002
295	380	0.00	-6.60e-002	0.00	23.59	0.00	-1.09
	221	0.00	6.60e-002	0.00	-23.59	0.00	-2.94
296	220	0.00	-2.87e-002	9.09e-013	18.90	0.00	-1.39
	380	0.00	2.87e-002	-9.09e-013	-18.90	0.00	-0.36
297	379	0.00	-3.95e-002	-9.09e-013	17.56	2.91e-011	-1.34
	220	0.00	3.95e-002	9.09e-013	-17.56	2.91e-011	-1.07
298	219	0.00	-3.96e-002	0.00	17.16	0.00	-1.74
	379	0.00	3.96e-002	0.00	-17.16	-2.91e-011	-0.68
299	438	3.50	3.81e-003	5.04e-002	16.60	-0.98	-0.13
	439	-3.50	-3.81e-003	-5.04e-002	-16.60	-2.10	0.36
300	437	4.86	3.77e-003	1.39e-002	16.97	-0.57	-0.31
	438	-4.86	-3.77e-003	-1.39e-002	-16.97	-0.27	0.54
301	436	6.22	-4.53e-003	8.81e-003	17.05	-0.90	-0.64
	437	-6.22	4.53e-003	-8.81e-003	-17.05	0.36	0.36
302	435	7.50	1.96e-002	2.53e-002	17.14	-2.58	0.16
	436	-7.50	-1.96e-002	-2.53e-002	-17.14	1.03	1.04
303	376	0.00	-2.84e-002	0.00	16.93	2.91e-011	-9.99e-001
	219	0.00	2.84e-002	0.00	-16.93	0.00	-0.73
304	218	-1.82e-012	-6.63e-002	0.00	16.42	-1.46e-011	-3.66
	376	1.82e-012	6.63e-002	0.00	-16.42	0.00	-0.38
305	375	-3.64e-012	-6.92e-002	9.09e-013	14.96	-1.46e-011	-1.42
	218	3.64e-012	6.92e-002	-9.09e-013	-14.96	-1.46e-011	-2.80
306	190	-1.82e-012	-1.51	9.09e-013	9.52	-2.91e-011	-64.66
	375	1.82e-012	1.51	-9.09e-013	-9.52	-1.46e-011	-27.21
307	434	8.30	2.59e-002	0.14	17.36	-10.07	-8.59e-002
	435	-8.30	-2.59e-002	-0.14	-17.36	1.50	1.66
308	413	5.21	6.66e-002	0.61	15.07	-33.68	1.90
	434	-5.21	-6.66e-002	-0.61	-15.07	-3.29	2.16
309	412	-2.60	6.92e-002	1.73	22.30	53.85	1.92
	413	2.60	-6.92e-002	-1.73	-22.30	-149.11	1.89
310	411	-5.15	3.01e-002	0.66	34.00	20.19	1.44
	412	5.15	-3.01e-002	-0.66	-34.00	-56.51	0.21
311	372	-1.82e-012	-1.81	-4.55e-013	27.88	-1.46e-011	-28.89
	190	1.82e-012	1.81	4.55e-013	-27.88	1.46e-011	-70.87
312	217	1.82e-012	-9.34e-002	0.00	36.15	-2.91e-011	-4.16
	372	-1.82e-012	9.34e-002	0.00	-36.15	-1.46e-011	-0.97
313	371	1.82e-012	-0.11	0.00	39.37	-4.37e-011	-1.39
	217	-1.82e-012	0.11	0.00	-39.37	-2.91e-011	-4.57
314	216	-5.46e-012	-5.62e-002	0.00	40.38	-1.46e-011	-1.80
	371	5.46e-012	5.62e-002	0.00	-40.38	-4.37e-011	-1.30

315	410	-4.10	1.54e-002	0.23	38.20	6.89	0.62
	411	4.10	-1.54e-002	-0.23	-38.20	-19.75	0.23
316	409	-2.40	-3.99e-003	8.76e-002	39.80	1.96	0.12
	410	2.40	3.99e-003	-8.76e-002	-39.80	-6.78	-0.34
317	408	-0.57	5.42e-003	4.19e-002	40.34	-0.38	0.21
	409	0.57	-5.42e-003	-4.19e-002	-40.34	-1.92	8.38e-002
318	407	1.25	5.49e-003	3.99e-002	40.41	-2.81	3.95e-002
	408	-1.25	-5.49e-003	-3.99e-002	-40.41	0.62	0.26
319	368	5.46e-012	-6.96e-002	-4.55e-013	40.58	0.00	-1.69
	216	-5.46e-012	6.96e-002	4.55e-013	-40.58	-1.46e-011	-2.14
320	215	-3.64e-012	-6.92e-002	-1.14e-012	40.35	7.28e-012	-2.17
	368	3.64e-012	6.92e-002	1.14e-012	-40.35	-1.46e-011	-1.63
321	367	3.64e-012	-5.66e-002	2.27e-013	39.30	-3.64e-011	-1.40
	215	-3.64e-012	5.66e-002	-2.27e-013	-39.30	-2.91e-011	-1.71
322	214	0.00	-0.10	0.00	35.88	0.00	-4.31
	367	0.00	0.10	0.00	-35.88	-7.28e-012	-1.29
323	406	3.08	-3.54e-003	7.35e-002	40.28	-7.77	-0.40
	407	-3.08	3.54e-003	-7.35e-002	-40.28	3.73	0.20
324	405	4.87	1.47e-002	0.20	40.35	-21.02	0.19
	406	-4.87	-1.47e-002	-0.20	-40.35	10.18	0.62
325	404	6.19	2.46e-002	0.82	40.68	-67.53	-0.17
	405	-6.19	-2.46e-002	-0.82	-40.68	22.71	1.53
326	363	2.91	0.25	3.52	30.31	-222.53	7.99
	404	-2.91	-0.25	-3.52	-30.31	29.18	5.95
327	364	1.82e-012	-0.10	-2.27e-013	25.55	0.00	-1.40
	214	-1.82e-012	0.10	2.27e-013	-25.55	0.00	-3.95
328	187	0.00	-1.69	-1.14e-013	-8.74	-3.64e-012	-64.59
	364	0.00	1.69	1.14e-013	8.74	-9.09e-012	-28.40
389	362	-1.01	5.36e-002	-0.36	-2.68	30.23	0.52
	363	1.01	-5.36e-002	0.36	2.68	-6.93	2.91
390	361	-4.72	1.50e-002	0.18	5.83	0.33	1.09
	362	4.72	-1.50e-002	-0.18	-5.83	-11.72	-0.13
391	302	3.64e-012	-1.10	-5.68e-014	34.39	-2.73e-012	-20.38
	187	-3.64e-012	1.10	5.68e-014	-34.39	2.73e-012	-50.13
392	213	0.00	-4.50e-002	2.84e-014	16.42	-4.55e-013	-1.99
	302	0.00	4.50e-002	-2.84e-014	-16.42	-9.09e-012	-0.89
393	301	-1.82e-012	-3.65e-002	3.41e-013	12.99	-3.64e-012	6.88e-003
	213	1.82e-012	3.65e-002	-3.41e-013	-12.99	-3.64e-012	-2.34
394	212	1.82e-012	-7.80e-003	1.14e-013	11.93	-3.64e-012	-0.19
	301	-1.82e-012	7.80e-003	-1.14e-013	-11.93	-3.64e-012	-0.31
395	360	-4.78	1.59e-002	0.10	10.07	-1.63	0.75
	361	4.78	-1.59e-002	-0.10	-10.07	-4.99	0.27
396	359	-4.19	-4.89e-003	3.27e-002	11.26	-0.77	0.18
	360	4.19	4.89e-003	-3.27e-002	-11.26	-1.33	-0.49
397	358	-3.56	1.82e-003	1.03e-002	11.50	-0.41	0.37
	359	3.56	-1.82e-003	-1.03e-002	-11.50	-0.25	-0.25
398	357	-2.91	1.72e-003	1.01e-002	11.50	-0.68	0.25
	358	2.91	-1.72e-003	-1.01e-002	-11.50	3.49e-002	-0.14
399	298	1.82e-012	-1.66e-002	2.27e-013	11.66	-7.28e-012	-0.14
	212	-1.82e-012	1.66e-002	-2.27e-013	-11.66	0.00	-0.92
400	211	1.82e-012	-1.67e-002	-2.27e-013	11.58	1.46e-011	-0.41

	298	-1.82e-012	1.67e-002	2.27e-013	-11.58	0.00	-0.65
401	297	1.82e-012	-7.49e-003	2.27e-013	11.52	0.00	0.23
	211	-1.82e-012	7.49e-003	-2.27e-013	-11.52	7.28e-012	-0.71
402	210	1.82e-012	-3.74e-002	2.27e-013	11.35	-1.46e-011	-1.91
	297	-1.82e-012	3.74e-002	-2.27e-013	-11.35	-7.28e-012	-0.48
403	356	-2.29	-4.92e-003	2.81e-002	11.32	-2.07	3.23e-002
	357	2.29	4.92e-003	-2.81e-002	-11.32	0.27	-0.35
404	355	-1.70	1.76e-002	8.53e-002	10.71	-6.56	0.84
	356	1.70	-1.76e-002	-8.53e-002	-10.71	1.10	0.28
405	354	-1.56	2.17e-002	0.23	8.85	-19.74	0.64
	355	1.56	-2.17e-002	-0.23	-8.85	4.74	0.75
406	333	-5.18	6.88e-002	0.51	4.26	-52.15	3.06
	354	5.18	-6.88e-002	-0.51	-4.26	19.38	1.34
407	294	-1.82e-012	-4.83e-002	-4.55e-013	10.62	-1.46e-011	-0.47
	210	1.82e-012	4.83e-002	4.55e-013	-10.62	0.00	-2.62
408	181	1.82e-012	-1.22	-4.55e-013	9.04	-1.46e-011	-54.16
	294	-1.82e-012	1.22	4.55e-013	-9.04	-1.46e-011	-23.96
409	332	-11.76	3.52e-002	-0.43	-2.58	-23.06	2.41
	333	11.76	-3.52e-002	0.43	2.58	46.94	-0.44
410	331	-10.76	3.35e-002	-0.21	-6.33	-7.12	1.93
	332	10.76	-3.35e-002	0.21	6.33	19.01	-4.87e-002
411	292	0.00	-1.73	0.00	-7.50	0.00	-29.00
	181	0.00	1.73	0.00	7.50	-1.46e-011	-68.11
412	209	1.82e-012	-0.18	9.09e-013	-8.52	-1.46e-011	-5.98
	292	-1.82e-012	0.18	-9.09e-013	8.52	-1.46e-011	-4.07
413	291	0.00	-0.19	0.00	-9.12	-2.91e-011	-3.73
	209	0.00	0.19	0.00	9.12	-2.91e-011	-7.11
414	208	-1.82e-012	-0.15	-9.09e-013	-9.26	0.00	-4.40
	291	1.82e-012	0.15	9.09e-013	9.26	0.00	-3.96
415	330	-6.77	2.23e-002	-8.68e-002	-8.22	-2.08	1.07
	331	6.77	-2.23e-002	8.68e-002	8.22	6.94	0.18
416	329	-2.37	3.25e-003	-3.32e-002	-8.94	-0.42	0.29
	330	2.37	-3.25e-003	3.32e-002	8.94	2.28	-0.11
417	328	2.13	1.15e-002	-1.46e-002	-9.19	0.39	0.18
	329	-2.13	-1.15e-002	1.46e-002	9.19	0.42	0.46
418	327	6.63	1.15e-002	-7.02e-003	-9.35	1.19	-0.23
	328	-6.63	-1.15e-002	7.02e-003	9.35	-0.80	0.88
419	288	-1.82e-012	-0.16	0.00	-9.19	0.00	-4.51
	208	1.82e-012	0.16	0.00	9.19	0.00	-4.51
420	207	0.00	-0.16	0.00	-8.85	0.00	-5.20
	288	0.00	0.16	0.00	8.85	0.00	-3.82
421	287	0.00	-0.15	0.00	-7.70	-2.91e-011	-4.70
	207	0.00	0.15	0.00	7.70	-2.91e-011	-3.71
422	206	-1.82e-012	-0.20	0.00	-3.96	2.91e-011	-7.89
	287	1.82e-012	0.20	0.00	3.96	2.91e-011	-3.21
423	326	11.13	3.19e-003	7.40e-003	-9.87	2.25	-0.82
	327	-11.13	-3.19e-003	-7.40e-003	9.87	-2.67	1.00
424	325	15.43	1.98e-002	2.26e-002	-12.11	4.64	-0.60
	326	-15.43	-1.98e-002	-2.26e-002	12.11	-5.91	1.71
425	324	18.72	2.90e-002	-0.32	-18.30	24.73	-0.76
	325	-18.72	-2.90e-002	0.32	18.30	-6.57	2.38

426	283	19.19	-4.64e-002	-2.74	-16.39	121.54	-2.08
	324	-19.19	4.64e-002	2.74	16.39	32.03	-0.52
427	284	-1.82e-012	-0.18	-9.09e-013	7.42	0.00	-4.62
	206	1.82e-012	0.18	9.09e-013	-7.42	0.00	-5.28
428	176	0.00	-1.52	9.09e-013	52.43	0.00	-63.23
	284	0.00	1.52	-9.09e-013	-52.43	0.00	-22.02
444	282	19.22	0.23	2.81	21.77	-30.18	5.03
	283	-19.22	-0.23	-2.81	-21.77	-121.68	7.59
445	281	23.06	4.19e-002	0.43	22.40	2.85	-0.38
	282	-23.06	-4.19e-002	-0.43	-22.40	-25.87	2.64
446	280	31.15	5.00e-002	0.29	9.44	-7.98	-1.12
	281	-31.15	-5.00e-002	-0.29	-9.44	-7.64	3.82
447	279	40.73	-9.60e-003	0.19	-11.02	-17.11	-3.44
	280	-40.73	9.60e-003	-0.19	11.02	6.78	2.92
448	278	64.68	-0.76	-3.51	-35.40	78.18	-31.71
	279	-64.68	0.76	3.51	35.40	111.25	-9.34
449	205	-3.64e-012	-2.19	-1.82e-012	-45.97	2.91e-011	-39.98
	176	3.64e-012	2.19	1.82e-012	45.97	0.00	-78.03
450	204	0.00	-0.35	-1.82e-012	0.76	0.00	-13.62
	205	0.00	0.35	1.82e-012	-0.76	0.00	-5.16
451	203	0.00	-0.37	0.00	18.93	0.00	-11.41
	204	0.00	0.37	0.00	-18.93	0.00	-8.68
452	202	-3.64e-012	-0.22	3.64e-012	41.08	2.91e-011	-8.71
	203	3.64e-012	0.22	-3.64e-012	-41.08	2.91e-011	-2.94
453	175	1.82e-012	-0.17	1.82e-012	105.26	5.82e-011	-11.29
	202	-1.82e-012	0.17	-1.82e-012	-105.26	5.82e-011	2.01
454	101	457.55	46.39	-541.68	-3324.90	93153.90	8832.19
	201	-457.55	-46.39	541.68	3324.90	101850.05	7867.72
455	100	-141.93	-40.33	-664.08	-3324.90	116749.66	-6438.18
	200	141.93	40.33	664.08	3324.90	122320.16	-8082.21
456	99	-249.63	-169.18	-490.00	-3324.90	80305.61	-29776.98
	199	249.63	169.18	490.00	3324.90	96094.92	-31128.10
457	98	-446.09	-357.98	-1168.92	-10639.67	89035.85	-62721.10
	198	446.09	357.98	1168.92	10639.67	331775.48	-66152.53
458	97	-262.05	-49.62	-509.35	-3324.90	86220.02	-8578.10
	197	262.05	49.62	509.35	3324.90	97147.36	-9285.41
459	96	306.70	48.81	-487.40	-3324.90	78771.96	9097.72
	196	-306.70	-48.81	487.40	3324.90	96693.05	8475.03
460	95	377.37	155.91	-405.04	-3324.90	61974.31	28046.51
	195	-377.37	-155.91	405.04	3324.90	83840.40	28081.03
461	85	97.46	166.23	-39.65	-3324.90	-8569.88	29707.92
	185	-97.46	-166.23	39.65	3324.90	22842.93	30136.04
462	92	19.92	41.49	-32.39	-3324.90	-10659.33	7704.63
	192	-19.92	-41.49	32.39	3324.90	22320.00	7232.05
463	93	-50.15	-46.91	-29.94	-3324.90	-10253.75	-7910.81
	193	50.15	46.91	29.94	3324.90	21033.55	-8975.49
464	94	-87.03	-220.82	-5.26	-3324.90	-14139.75	-39254.46
	194	87.03	220.82	5.26	3324.90	16033.20	-40242.17
465	91	24.66	-211.35	67.72	-3324.90	-27476.09	-38102.73
	191	-24.66	211.35	-67.72	3324.90	3097.45	-37982.72
466	90	5.08	-50.92	92.25	-3324.90	-34642.61	-9046.67

	190	-5.08	50.92	-92.25	3324.90	1433.13	-9283.23
467	89	-6.52	42.23	92.34	-3324.90	-34663.05	8076.45
	189	6.52	-42.23	-92.34	3324.90	1421.26	7127.52
468	84	-26.80	167.62	62.83	-3324.90	-27012.42	30802.95
	184	26.80	-167.62	-62.83	3324.90	4394.23	29540.99
469	83	126.25	113.20	-34.79	-3324.90	1120.31	18191.56
	183	-126.25	-113.20	34.79	3324.90	11403.68	22559.08
470	86	49.78	34.04	-58.22	-3324.90	5368.31	6040.15
	186	-49.78	-34.04	58.22	3324.90	15589.69	6215.00
471	87	-88.17	-40.80	-66.05	-3324.90	6511.31	-6501.49
	187	88.17	40.80	66.05	3324.90	17268.41	-8186.89
472	88	-52.70	-177.67	-46.93	-3324.90	4373.09	-29445.54
	188	52.70	177.67	46.93	3324.90	12520.97	-34515.39
473	80	-14.18	38.23	20.99	-3324.90	-4349.12	7018.58
	180	14.18	-38.23	-20.99	3324.90	-3207.39	6743.17
474	81	33.20	-42.68	12.73	-3324.90	-3319.01	-6875.04
	181	-33.20	42.68	-12.73	3324.90	-1262.86	-8491.30
475	82	26.32	-182.31	14.13	-3324.90	-2371.63	-30610.95
	182	-26.32	182.31	-14.13	3324.90	-2716.49	-35020.57
476	73	-81.89	27.99	180.23	-3324.90	-30131.10	5044.01
	173	81.89	-27.99	-180.23	3324.90	-34751.89	5033.07
477	76	118.97	-46.84	157.28	-3324.90	-25920.11	-8029.12
	176	-118.97	46.84	-157.28	3324.90	-30701.56	-8833.85
478	72	44.90	31.18	202.92	-3324.90	-33403.37	5602.14
	172	-44.90	-31.18	-202.92	3324.90	-39646.18	5622.74
479	79	93.65	-194.82	85.49	-3324.90	-11018.23	-33553.92
	179	-93.65	194.82	-85.49	3324.90	-19757.54	-36579.81
480	75	102.05	-51.85	63.70	-3324.90	-789.93	-9090.17
	175	-102.05	51.85	-63.70	3324.90	-22140.50	-9574.47
481	78	36.18	-208.23	19.28	-3324.90	8066.54	-36588.90
	178	-36.18	208.23	-19.28	3324.90	-15007.62	-38373.63
482	70	-106.58	11.48	178.44	-3324.90	-29022.55	-1363.51
	170	106.58	-11.48	-178.44	3324.90	-35217.64	5497.58
483	69	-33.33	19.25	258.01	-3324.90	-45973.28	868.59
	169	33.33	-19.25	-258.01	3324.90	-46911.72	6062.94
484	66	128.94	190.79	240.83	-3324.90	-41708.89	30786.42
	166	-128.94	-190.79	-240.83	3324.90	-44990.75	37897.70
485	67	-199.39	121.20	173.20	-3324.90	-27788.60	15826.74
	167	199.39	-121.20	-173.20	3324.90	-34562.54	27806.78
486	64	-48.07	-19.76	179.72	-3324.90	-29325.04	-17739.34
	164	48.07	19.76	-179.72	3324.90	-35375.91	10627.47
487	63	13.45	12.26	252.80	-3324.90	-45092.00	-9470.98
	163	-13.45	-12.26	-252.80	3324.90	-45916.97	13884.64
488	61	-529.38	252.24	99.63	-3324.90	-12795.82	37254.88
	161	529.38	-252.24	-99.63	3324.90	-23070.59	53552.98
489	60	140.54	402.19	168.57	-3324.90	-25880.48	69432.23
	160	-140.54	-402.19	-168.57	3324.90	-34805.83	75354.69
490	59	28.81	225.61	199.06	-3324.90	-26427.34	29828.11
	159	-28.81	-225.61	-199.06	3324.90	-45234.97	51390.14
491	62	20.49	-8.28	316.70	-3324.90	-52439.97	-17585.61
	162	-20.49	8.28	-316.70	3324.90	-61573.30	14604.95

492	65	128.03	105.98	303.65	-3324.90	-49313.66	11821.40
	165	-128.03	-105.98	-303.65	3324.90	-60001.21	26330.97
493	68	-58.34	15.77	317.85	-3324.90	-52370.75	-1143.17
	168	58.34	-15.77	-317.85	3324.90	-62055.02	6819.87
494	71	33.50	36.88	337.84	-3324.90	-56935.70	6691.79
	171	-33.50	-36.88	-337.84	3324.90	-64688.06	6585.98
495	74	71.69	-34.89	313.02	-3324.90	-51290.82	-4899.26
	174	-71.69	34.89	-313.02	3324.90	-61396.97	-7661.96
496	77	-3.27	-151.75	168.48	-3324.90	-19318.31	-24022.44
	177	3.27	151.75	-168.48	3324.90	-41334.67	-30606.91
497	166	0.00	144.96	0.00	2972.82	0.00	17131.96
	167	0.00	-144.96	0.00	-2972.82	-5.82e-011	22008.17
498	165	0.00	105.66	-2.27e-013	436.28	0.00	21509.38
	166	0.00	-105.66	2.27e-013	-436.28	0.00	18641.28
499	163	0.00	98.41	5.68e-014	-1651.08	0.00	20445.47
	160	0.00	-98.41	-5.68e-014	1651.08	0.00	21871.82
500	166	-1.46e-011	95.48	-5.68e-014	3464.00	2.91e-011	18288.15
	163	1.46e-011	-95.48	5.68e-014	-3464.00	2.91e-011	18947.42
501	169	0.00	88.83	-2.84e-014	-597.10	7.28e-012	19164.44
	166	0.00	-88.83	2.84e-014	597.10	7.28e-012	19031.63
502	172	4.37e-011	144.34	-2.84e-014	1851.51	-7.28e-012	22317.42
	169	-4.37e-011	-144.34	2.84e-014	-1851.51	-7.28e-012	20984.92
503	160	2.91e-011	225.92	-4.55e-013	1300.94	5.82e-011	27770.19
	161	-2.91e-011	-225.92	4.55e-013	-1300.94	5.82e-011	33226.95
504	159	-2.91e-011	146.61	0.00	591.55	2.91e-011	29328.44
	160	2.91e-011	-146.61	0.00	-591.55	2.91e-011	26382.78
505	162	2.91e-011	149.87	2.27e-013	127.88	0.00	30224.35
	159	-2.91e-011	-149.87	-2.27e-013	-127.88	0.00	34220.84
506	165	-2.91e-011	136.88	-2.27e-013	4016.84	2.91e-011	26719.18
	162	2.91e-011	-136.88	2.27e-013	-4016.84	2.91e-011	26663.88
507	168	2.91e-011	130.09	0.00	292.36	0.00	27660.73
	165	-2.91e-011	-130.09	0.00	-292.36	0.00	28277.28
508	171	0.00	201.29	0.00	2960.16	-2.91e-011	29875.55
	168	0.00	-201.29	0.00	-2960.16	-1.46e-011	30512.03
509	174	0.00	215.52	2.84e-014	607.91	1.09e-011	32749.57
	171	0.00	-215.52	-2.84e-014	-607.91	1.46e-011	31907.15
510	177	-2.91e-011	108.79	2.84e-014	911.15	0.00	29802.86
	174	2.91e-011	-108.79	-2.84e-014	-911.15	-7.28e-012	25679.21
511	164	0.00	79.25	2.27e-013	-1308.35	0.00	10654.07
	161	0.00	-79.25	-2.27e-013	1308.35	0.00	23421.39
512	167	0.00	127.32	-2.27e-013	9319.12	5.82e-011	24931.89
	164	0.00	-127.32	2.27e-013	-9319.12	8.73e-011	24721.84
513	170	2.91e-011	58.86	0.00	45.16	0.00	12576.35
	167	-2.91e-011	-58.86	0.00	-45.16	1.46e-011	12734.97
514	173	2.91e-011	165.45	1.14e-013	5542.73	-1.46e-011	26992.92
	170	-2.91e-011	-165.45	-1.14e-013	-5542.73	-2.91e-011	22641.30
515	176	0.00	49.42	-2.84e-014	775.15	-1.09e-011	8216.82
	173	0.00	-49.42	2.84e-014	-775.15	-7.28e-012	6608.82
516	179	0.00	35.93	2.84e-014	261.95	0.00	10031.54
	176	0.00	-35.93	-2.84e-014	-261.95	0.00	8291.79
517	186	1.82e-012	-29.27	-5.68e-014	664.63	1.46e-011	-5215.24

	183	-1.82e-012	29.27	5.68e-014	-664.63	3.64e-012	-6492.36
518	187	0.00	-43.41	0.00	504.47	5.46e-012	-6059.12
	186	0.00	43.41	0.00	-504.47	0.00	-6962.70
519	188	-1.82e-012	-19.48	-2.84e-014	293.49	-7.28e-012	-5844.78
	187	1.82e-012	19.48	2.84e-014	-293.49	-1.46e-011	-4088.25
520	196	0.00	-238.74	5.68e-014	1021.60	-2.18e-011	-44647.88
	195	0.00	238.74	-5.68e-014	-1021.60	-1.46e-011	-50253.00
521	197	0.00	-196.36	2.84e-014	214.28	-1.82e-012	-30736.40
	196	0.00	196.36	-2.84e-014	-214.28	-7.28e-012	-28170.50
522	198	0.00	-145.35	-5.68e-014	720.74	0.00	-40032.57
	197	0.00	145.35	5.68e-014	-720.74	0.00	-31194.08
523	200	0.00	-444.09	1.28e-013	432.70	-1.64e-011	-62394.09
	201	0.00	444.09	-1.28e-013	-432.70	-1.46e-011	-69728.13
524	199	0.00	-233.48	-5.68e-014	787.66	7.28e-012	-56773.06
	200	0.00	233.48	5.68e-014	-787.66	1.46e-011	-52378.55
525	185	-7.28e-012	84.87	0.00	-4306.67	0.00	21761.14
	195	7.28e-012	-84.87	0.00	4306.67	0.00	24706.29
526	184	1.46e-011	33.47	-5.68e-014	4597.49	-2.91e-011	11409.02
	185	-1.46e-011	-33.47	5.68e-014	-4597.49	-1.46e-011	9008.12
527	183	0.00	57.84	-1.42e-013	5476.30	2.18e-011	16914.54
	184	0.00	-57.84	1.42e-013	-5476.30	2.55e-011	14899.61
528	196	0.00	21.48	5.68e-014	9398.87	-2.91e-011	8227.73
	201	0.00	-21.48	-5.68e-014	-9398.87	-1.46e-011	9008.76
529	192	-9.09e-013	16.63	0.00	-6422.05	-2.91e-011	5202.18
	196	9.09e-013	-16.63	0.00	6422.05	0.00	3863.46
530	189	0.00	8.50	-5.68e-014	4714.76	2.91e-011	2898.00
	192	0.00	-8.50	5.68e-014	-4714.76	1.46e-011	2290.01
531	186	0.00	15.03	2.84e-014	6136.02	-1.46e-011	4036.88
	189	0.00	-15.03	-2.84e-014	-6136.02	-1.46e-011	4229.51
532	180	0.00	6.15	0.00	2851.31	5.46e-012	1915.89
	186	0.00	-6.15	0.00	-2851.31	0.00	2018.08
533	173	0.00	20.32	5.68e-014	-356.07	0.00	6554.29
	180	0.00	-20.32	-5.68e-014	356.07	0.00	4827.29
534	172	-1.82e-012	-14.05	0.00	5479.97	1.16e-010	-2658.07
	173	1.82e-012	14.05	0.00	-5479.97	1.16e-010	-1135.23
535	171	0.00	56.99	0.00	-844.94	0.00	10092.06
	172	0.00	-56.99	0.00	844.94	0.00	11563.16
536	174	0.00	-42.62	0.00	-1587.92	-1.75e-010	-7868.74
	175	0.00	42.62	0.00	1587.92	-1.75e-010	-8325.02
537	198	-7.28e-012	-69.08	5.68e-014	2134.83	-2.91e-011	-27050.85
	199	7.28e-012	69.08	-5.68e-014	-2134.83	-1.46e-011	-28060.59
538	194	0.00	-119.46	0.00	1698.87	-2.91e-011	-29505.61
	198	0.00	119.46	0.00	-1698.87	0.00	-36229.44
539	191	0.00	-49.61	5.68e-014	5932.53	0.00	-16935.56
	194	0.00	49.61	-5.68e-014	-5932.53	1.46e-011	-13328.78
540	188	1.46e-011	-70.76	-2.84e-014	5766.71	2.18e-011	-18597.04
	191	-1.46e-011	70.76	2.84e-014	-5766.71	1.82e-011	-20321.87
541	182	0.00	-51.29	-1.42e-014	3739.63	-1.82e-012	-16478.75
	188	0.00	51.29	1.42e-014	-3739.63	0.00	-16349.42
542	179	0.00	-69.77	-1.14e-013	2599.28	0.00	-19392.87
	182	0.00	69.77	1.14e-013	-2599.28	0.00	-19676.02

543	178	0.00	-126.85	0.00	4209.66	0.00	-16375.92
	179	0.00	126.85	0.00	-4209.66	0.00	-17873.79
544	177	1.46e-011	-138.19	0.00	-422.07	-5.82e-011	-29038.14
	178	-1.46e-011	138.19	0.00	422.07	-1.16e-010	-23473.79
545	66	0.00	502.58	0.00	-13.36	-2.91e-011	61265.38
	67	0.00	-502.58	0.00	13.36	0.00	74431.84
546	65	0.00	306.07	-5.68e-014	2520.95	0.00	64362.18
	66	0.00	-306.07	5.68e-014	-2520.95	-1.46e-011	51944.14
547	63	2.91e-011	403.60	-1.14e-013	-17230.42	2.91e-011	73686.08
	60	-2.91e-011	-403.60	1.14e-013	17230.42	8.73e-011	99860.69
548	66	-1.46e-011	312.51	2.27e-013	22436.37	0.00	64008.00
	63	1.46e-011	-312.51	-2.27e-013	-22436.37	0.00	57872.76
549	69	0.00	277.17	0.00	-190.71	0.00	56433.42
	66	0.00	-277.17	0.00	190.71	0.00	62748.98
550	72	0.00	592.11	-5.68e-014	10407.14	7.28e-012	101093.00
	69	0.00	-592.11	5.68e-014	-10407.14	7.28e-012	76540.24
551	60	2.91e-011	1054.78	0.00	824.21	0.00	123557.07
	61	-2.91e-011	-1054.78	0.00	-824.21	5.82e-011	161234.71
552	59	1.46e-011	664.26	-2.27e-013	6932.10	0.00	143554.96
	60	-1.46e-011	-664.26	2.27e-013	-6932.10	0.00	108863.37
553	62	-1.46e-011	457.87	0.00	-5603.70	8.73e-011	88533.54
	59	1.46e-011	-457.87	0.00	5603.70	5.82e-011	108349.19
554	65	-1.46e-011	402.64	0.00	14529.45	1.46e-011	79942.95
	62	1.46e-011	-402.64	0.00	-14529.45	0.00	77085.59
555	68	0.00	352.18	0.00	3822.67	0.00	74590.51
	65	0.00	-352.18	0.00	-3822.67	7.28e-012	76847.59
556	71	0.00	586.44	5.68e-014	9196.92	-1.46e-011	85384.42
	68	0.00	-586.44	-5.68e-014	-9196.92	-7.28e-012	90548.81
557	74	2.91e-011	607.82	7.11e-014	2661.54	1.36e-011	94352.54
	71	-2.91e-011	-607.82	-7.11e-014	-2661.54	1.46e-011	87993.45
558	77	-1.46e-011	362.43	0.00	2648.80	-3.64e-012	102691.74
	74	1.46e-011	-362.43	0.00	-2648.80	-7.28e-012	82147.76
559	64	0.00	216.41	0.00	-7264.11	0.00	40749.02
	61	0.00	-216.41	0.00	7264.11	1.46e-011	52308.64
560	67	0.00	216.13	0.00	15127.30	-1.46e-011	42835.10
	64	0.00	-216.13	0.00	-15127.30	-1.46e-011	41454.95
561	70	0.00	166.42	5.68e-014	2786.55	-7.28e-012	35278.11
	67	0.00	-166.42	-5.68e-014	-2786.55	-7.28e-012	36282.43
562	73	0.00	301.78	5.68e-014	8514.05	-7.28e-012	44215.73
	70	0.00	-301.78	-5.68e-014	-8514.05	-7.28e-012	46319.63
563	76	0.00	307.79	4.26e-014	1795.18	-1.00e-011	47926.80
	73	0.00	-307.79	-4.26e-014	-1795.18	-7.28e-012	44409.61
564	79	7.28e-012	236.55	3.55e-015	373.92	0.00	66393.72
	76	-7.28e-012	-236.55	-3.55e-015	-373.92	9.09e-013	54245.26
565	86	-3.18e-012	-317.61	0.00	3443.66	7.28e-012	-62220.69
	83	3.18e-012	317.61	0.00	-3443.66	0.00	-64824.03
566	87	1.14e-013	-37.09	-2.13e-014	289.54	2.27e-013	-5546.69
	86	-1.14e-013	37.09	2.13e-014	-289.54	1.82e-012	-5579.28
567	88	1.48e-012	-250.87	3.55e-015	527.02	0.00	-63857.56
	87	-1.48e-012	250.87	-3.55e-015	-527.02	-9.09e-013	-64086.02
568	96	1.46e-011	-750.48	0.00	1419.44	-7.28e-012	-142873.53

	95	-1.46e-011	750.48	0.00	-1419.44	-7.28e-012	-155449.21
569	97	0.00	-770.85	-1.42e-014	199.45	4.55e-013	-111359.49
	96	0.00	770.85	1.42e-014	-199.45	0.00	-119894.54
570	98	1.46e-011	-848.44	0.00	443.01	9.09e-013	-238821.17
	97	-1.46e-011	848.44	0.00	-443.01	9.09e-013	-176937.51
571	100	0.00	-1187.81	5.68e-014	1209.71	-4.55e-012	-165843.91
	101	0.00	1187.81	-5.68e-014	-1209.71	-7.28e-012	-187541.49
572	99	0.00	-652.63	-2.84e-014	1082.53	3.64e-012	-164532.55
	100	0.00	652.63	2.84e-014	-1082.53	2.18e-011	-140578.41
573	85	-3.64e-012	88.39	0.00	-11304.99	0.00	23418.56
	95	3.64e-012	-88.39	0.00	11304.99	-1.46e-011	24976.68
574	84	-3.64e-012	19.29	-2.84e-014	4601.55	0.00	4410.35
	85	3.64e-012	-19.29	2.84e-014	-4601.55	-7.28e-012	7355.02
575	83	-3.64e-012	121.11	-2.84e-014	20908.89	1.46e-011	44018.54
	84	3.64e-012	-121.11	2.84e-014	-20908.89	1.46e-011	22592.87
576	96	-4.55e-013	7.33	5.68e-014	4785.83	0.00	2997.28
	101	4.55e-013	-7.33	-5.68e-014	-4785.83	0.00	2887.49
577	92	0.00	-9.09	0.00	-17511.27	0.00	-1542.81
	96	0.00	9.09	0.00	17511.27	0.00	-3412.94
578	89	4.55e-013	-13.23	-2.84e-014	2671.84	0.00	-4485.98
	92	-4.55e-013	13.23	2.84e-014	-2671.84	0.00	-3587.29
579	86	0.00	1.81	2.84e-014	25008.91	-3.64e-012	2372.59
	89	0.00	-1.81	-2.84e-014	-25008.91	0.00	-1376.94
580	80	4.55e-013	4.04	7.11e-015	8545.25	-1.82e-012	562.16
	86	-4.55e-013	-4.04	-7.11e-015	-8545.25	0.00	2021.70
581	73	0.00	14.10	0.00	3773.91	0.00	5266.41
	80	0.00	-14.10	0.00	-3773.91	-2.91e-011	2628.27
582	72	0.00	3.57	-4.55e-013	7891.08	5.82e-011	-166.14
	73	0.00	-3.57	4.55e-013	-7891.08	1.16e-010	1131.29
583	71	-9.09e-013	53.25	0.00	749.42	0.00	9061.79
	72	9.09e-013	-53.25	0.00	-749.42	0.00	11174.70
584	97	0.00	-39.38	0.00	2624.37	0.00	-14495.61
	100	0.00	39.38	0.00	-2624.37	1.46e-011	-17011.34
585	93	0.00	-61.39	0.00	-20575.47	0.00	-17341.72
	97	0.00	61.39	0.00	20575.47	-1.46e-011	-16114.36
586	90	1.82e-012	-42.39	-2.84e-014	2221.31	0.00	-11881.33
	93	-1.82e-012	42.39	2.84e-014	-2221.31	0.00	-13975.98
587	87	0.00	-64.84	5.68e-014	25160.28	1.82e-011	-20200.30
	90	0.00	64.84	-5.68e-014	-25160.28	1.46e-011	-15462.83
588	81	0.00	-62.33	0.00	8442.99	-5.46e-012	-19718.66
	87	0.00	62.33	0.00	-8442.99	-7.28e-012	-20174.27
589	76	0.00	-71.26	0.00	4810.58	0.00	-18810.86
	81	0.00	71.26	0.00	-4810.58	0.00	-21095.35
590	75	-3.64e-012	-158.43	0.00	29697.75	-5.82e-011	-19708.60
	76	3.64e-012	158.43	0.00	-29697.75	-5.82e-011	-23066.95
591	74	3.64e-012	-163.95	0.00	-13464.11	0.00	-36706.79
	75	-3.64e-012	163.95	0.00	13464.11	-5.82e-011	-25594.91
592	98	-3.64e-012	-107.86	-5.68e-014	-5178.19	0.00	-43458.73
	99	3.64e-012	107.86	5.68e-014	5178.19	0.00	-42594.58
593	94	0.00	-201.96	5.68e-014	1805.56	-1.46e-011	-50920.75
	98	0.00	201.96	-5.68e-014	-1805.56	-1.46e-011	-60214.69

594	91	0.00	-61.20	0.00	5668.96	0.00	-18718.19
	94	0.00	61.20	0.00	-5668.96	7.28e-012	-18615.05
595	88	-7.28e-012	-166.32	-2.84e-014	22148.20	7.28e-012	-53799.01
	91	7.28e-012	166.32	2.84e-014	-22148.20	7.28e-012	-37676.00
596	82	0.00	-180.37	-7.11e-015	9065.52	-3.64e-012	-56788.70
	88	0.00	180.37	7.11e-015	-9065.52	-1.09e-011	-58649.75
597	79	-7.28e-012	-200.59	0.00	8615.55	-1.46e-011	-53641.28
	82	7.28e-012	200.59	0.00	-8615.55	0.00	-58691.79
598	78	2.91e-011	-460.50	0.00	25518.17	0.00	-56983.74
	79	-2.91e-011	460.50	0.00	-25518.17	0.00	-67350.76
599	77	-7.28e-012	-448.93	0.00	-1539.31	5.82e-011	-100263.45
	78	7.28e-012	448.93	0.00	1539.31	0.00	-70329.35
648	122	0.00	-9.48	-5.68e-014	520.28	-3.64e-012	-360.11
	47	0.00	9.48	5.68e-014	-520.28	-7.28e-012	-842.76
649	121	7.28e-012	-1.31	2.27e-013	402.83	0.00	-129.94
	122	-7.28e-012	1.31	-2.27e-013	-402.83	0.00	-36.21
650	120	7.28e-012	-1.33	-4.55e-013	318.79	1.46e-011	-43.42
	121	-7.28e-012	1.33	4.55e-013	-318.79	0.00	-124.71
651	48	7.28e-012	-9.74	0.00	-304.19	-1.46e-011	-921.09
	120	-7.28e-012	9.74	0.00	304.19	-1.46e-011	-314.59
652	119	0.00	-25.97	0.00	288.65	1.46e-011	-491.50
	46	0.00	25.97	0.00	-288.65	1.46e-011	-1456.33
653	118	1.46e-011	-6.27	0.00	365.30	0.00	-371.49
	119	-1.46e-011	6.27	0.00	-365.30	0.00	-98.73
654	117	-7.28e-012	-6.45	0.00	353.37	-7.28e-012	-113.74
	118	7.28e-012	6.45	0.00	-353.37	-3.64e-012	-370.18
655	47	0.00	-24.17	-2.31e-013	223.91	1.46e-011	-1335.64
	117	0.00	24.17	2.31e-013	-223.91	3.64e-012	-477.12
656	116	7.28e-012	-16.14	0.00	-211.70	-2.91e-011	-354.99
	41	-7.28e-012	16.14	0.00	211.70	-2.91e-011	-1248.75
657	115	0.00	-2.74	4.55e-013	292.22	0.00	-224.20
	116	0.00	2.74	-4.55e-013	-292.22	0.00	-48.23
658	114	0.00	-2.68	-4.55e-013	401.90	1.46e-011	-35.47
	115	0.00	2.68	4.55e-013	-401.90	2.91e-011	-231.23
659	46	-7.28e-012	-15.44	0.00	506.30	0.00	-1124.41
	114	7.28e-012	15.44	0.00	-506.30	0.00	-409.77
660	113	-810.99	-254.90	289.94	-4840.40	-803.08	14262.35
	48	810.99	254.90	-289.94	4840.40	-26740.88	-38477.50
661	112	-382.06	-136.88	14.87	-10731.83	-2593.93	-5166.91
	113	382.06	136.88	-14.87	10731.83	1180.97	-7836.30
662	111	-371.67	-163.88	2.51	-9298.92	960.99	-25758.05
	112	371.67	163.88	-2.51	9298.92	-1199.06	10189.76
663	5	-588.82	-397.44	-60.51	270.06	3043.41	-71917.55
	111	588.82	397.44	60.51	-270.06	2704.66	34160.31
664	110	111.03	-94.45	346.99	-10289.54	-1397.69	2242.93
	47	-111.03	94.45	-346.99	10289.54	-31566.60	-11215.51
665	109	-16.73	-34.21	-6.28	-10082.58	-1858.26	-2975.45
	110	16.73	34.21	6.28	10082.58	2455.18	-274.23
666	108	-74.23	-56.02	1.25	-9497.03	657.20	-10538.87
	109	74.23	56.02	-1.25	9497.03	-775.97	5217.44
667	4	-150.80	-233.69	-84.98	-7626.79	4972.74	-35481.87

108	150.80	233.69	84.98	7626.79	3099.98	13280.89	
668	107	-77.94	61.06	411.45	-10735.69	-2999.56	-2223.89
	46	77.94	-61.06	-411.45	10735.69	-36088.09	8024.33
669	106	3.07	16.00	-10.38	-10405.41	-1438.02	-275.19
	107	-3.07	-16.00	10.38	10405.41	2424.01	1795.02
670	105	50.23	22.77	-0.65	-9183.67	809.24	2632.79
	106	-50.23	-22.77	0.65	9183.67	-747.16	-469.89
671	3	123.09	97.32	-79.64	-7171.17	4616.52	12718.55
	105	-123.09	-97.32	79.64	7171.17	2949.43	-3473.54
672	104	722.21	210.16	355.67	-4812.00	-2557.15	-9161.30
	41	-722.21	-210.16	-355.67	4812.00	-31231.13	29126.24
673	103	351.22	95.14	5.18	-9510.12	-1962.56	2473.32
	104	-351.22	-95.14	-5.18	9510.12	1470.84	6564.75
674	102	342.38	111.49	0.65	-8753.85	969.95	16057.71
	103	-342.38	-111.49	-0.65	8753.85	-1032.06	-5466.08
675	1	561.25	307.07	-50.95	-1525.13	2604.06	48503.15
	102	-561.25	-307.07	50.95	1525.13	2235.96	-19331.37
676	54	0.00	-10.67	0.00	1172.29	-3.64e-012	-3860.36
	57	0.00	10.67	0.00	-1172.29	1.82e-012	-4674.39
677	50	-6.82e-013	-100.70	-4.44e-015	-13156.45	-1.36e-012	-22256.80
	54	6.82e-013	100.70	4.44e-015	13156.45	-1.82e-012	-32624.39
678	47	-9.09e-013	-105.05	-1.42e-014	19598.96	0.00	-39425.00
	50	9.09e-013	105.05	1.42e-014	-19598.96	0.00	-24656.26
679	53	0.00	0.88	-3.55e-015	2012.88	-2.73e-012	869.40
	58	0.00	-0.88	3.55e-015	-2012.88	-1.82e-012	-164.81
680	49	0.00	-6.84	-1.78e-015	-12364.18	-5.91e-012	-2400.34
	53	0.00	6.84	1.78e-015	12364.18	-1.82e-012	-1324.92
681	46	0.00	3.06	-1.42e-014	19360.39	-3.64e-012	2990.26
	49	0.00	-3.06	1.42e-014	-19360.39	0.00	-1123.22
682	42	0.00	105.21	8.88e-015	-6337.87	-2.27e-012	23749.09
	52	0.00	-105.21	-8.88e-015	6337.87	-1.82e-012	33852.97
683	41	0.00	124.13	0.00	16991.66	-3.64e-012	48895.00
	42	0.00	-124.13	0.00	-16991.66	0.00	26824.58
684	53	3.64e-012	-795.85	2.84e-014	3104.89	0.00	-149681.36
	52	-3.64e-012	795.85	-2.84e-014	-3104.89	-7.28e-012	-166676.74
685	54	-5.46e-012	-1102.89	0.00	4030.87	-1.46e-011	-163269.97
	53	5.46e-012	1102.89	0.00	-4030.87	-3.64e-012	-167598.18
686	55	3.64e-012	-833.00	1.42e-014	2251.22	0.00	-238506.10
	54	-3.64e-012	833.00	-1.42e-014	-2251.22	7.28e-012	-169687.52
687	57	-2.91e-011	-1611.97	8.53e-014	6737.34	0.00	-232539.18
	58	2.91e-011	1611.97	-8.53e-014	-6737.34	-1.82e-012	-247039.83
688	56	-7.28e-012	-873.89	-5.68e-014	3740.72	3.64e-012	-216078.39
	57	7.28e-012	873.89	5.68e-014	-3740.72	-3.64e-012	-192473.16
689	55	-1.82e-012	-95.59	0.00	-2101.14	2.73e-012	-35046.85
	56	1.82e-012	95.59	0.00	2101.14	2.73e-012	-41219.08
690	51	0.00	-227.82	3.73e-014	7622.35	-1.68e-011	-52754.08
	55	0.00	227.82	-3.73e-014	-7622.35	-1.46e-011	-72611.30
691	48	0.00	-240.54	0.00	18538.22	0.00	-92847.83
	51	0.00	240.54	0.00	-18538.22	0.00	-53883.31
692	34	-89.77	-477.58	556.44	-5869.71	-112918.71	-88261.55
	77	89.77	477.58	-556.44	5869.71	-81834.12	-78889.81

693	31	153.13	-191.49	683.57	-5869.71	-127502.97	-35199.83
	74	-153.13	191.49	-683.57	5869.71	-111745.36	-31820.27
694	28	65.37	-23.34	706.71	-5869.71	-130158.47	-4003.17
	71	-65.37	23.34	-706.71	5869.71	-117191.60	-4165.38
695	25	-292.60	72.67	687.92	-5869.71	-128001.87	18918.15
	68	292.60	-72.67	-687.92	5869.71	-112768.57	6517.41
696	22	484.56	295.31	676.14	-5869.71	-126650.90	61525.97
	65	-484.56	-295.31	-676.14	5869.71	-109997.82	41834.00
697	19	75.72	343.61	689.66	-5869.71	-128202.07	82545.76
	62	-75.72	-343.61	-689.66	5869.71	-113179.16	37718.76
698	16	235.21	715.39	586.27	-5869.71	-116341.47	142261.86
	59	-235.21	-715.39	-586.27	5869.71	-88853.94	108123.15
699	35	24.61	-527.87	293.80	-5869.71	-67707.68	-94031.81
	78	-24.61	527.87	-293.80	5869.71	-35124.02	-90724.19
700	32	107.58	-210.16	324.61	-5869.71	-71241.66	-37341.81
	75	-107.58	210.16	-324.61	5869.71	-42371.94	-36213.33
701	29	587.34	-26.89	462.57	-5869.71	-87068.34	-4410.47
	72	-587.34	26.89	-462.57	5869.71	-74831.29	-5000.72
702	26	-348.27	86.32	514.29	-5869.71	-93001.80	20484.20
	69	348.27	-86.32	-514.29	5869.71	-87000.37	9729.26
703	23	360.80	371.66	495.22	-5869.71	-90814.20	70283.98
	66	-360.80	-371.66	-495.22	5869.71	-82513.78	59796.02
704	20	104.54	392.15	512.02	-5869.71	-92741.65	88113.50
	63	-104.54	-392.15	-512.02	5869.71	-86466.83	49137.77
705	17	127.47	875.34	432.99	-5869.71	-83675.25	160611.92
	60	-127.47	-875.34	-432.99	5869.71	-67872.33	145757.78
706	36	590.11	-515.50	262.49	-5869.71	-53399.23	-92611.90
	79	-590.11	515.50	-262.49	5869.71	-38472.87	-87812.04
707	33	277.37	-206.15	317.29	-5869.71	-59685.13	-36881.84
	76	-277.37	206.15	-317.29	5869.71	-51364.77	-35269.95
708	30	-77.37	-28.44	330.09	-5869.71	-61153.87	-4588.17
	73	77.37	28.44	-330.09	5869.71	-54377.06	-5365.17
709	27	-241.95	75.11	322.43	-5869.71	-60275.30	19197.83
	70	241.95	-75.11	-322.43	5869.71	-52575.18	7091.01
710	24	-652.26	314.14	317.19	-5869.71	-59674.16	63686.14
	67	652.26	-314.14	-317.19	5869.71	-51342.29	46264.35
711	21	-47.79	353.86	323.72	-5869.71	-60423.40	83721.81
	64	47.79	-353.86	-323.72	5869.71	-52878.93	40130.75
712	18	-1800.58	751.91	263.41	-5869.71	-53504.43	146451.46
	61	1800.58	-751.91	-263.41	5869.71	-38688.62	116715.72
713	39	46.54	-502.99	-3.66	-5869.71	-640.04	-91177.17
	82	-46.54	502.99	3.66	5869.71	1921.66	-84869.53
714	38	42.13	-200.49	5.84	-5869.71	-1729.83	-36232.87
	81	-42.13	200.49	-5.84	5869.71	-313.40	-33938.97
715	37	-24.24	-21.91	6.30	-5869.71	-1782.88	-3838.74
	80	24.24	21.91	-6.30	5869.71	-422.22	-3828.15
716	45	-289.51	-497.72	-301.72	-5869.71	58953.91	-90572.97
	88	289.51	497.72	301.72	5869.71	46646.56	-83630.36
717	44	123.11	-199.20	-300.69	-5869.71	58835.70	-36084.95
	87	-123.11	199.20	300.69	5869.71	46404.11	-33635.60
718	43	-232.97	-26.04	-298.83	-5869.71	58623.05	-4312.59

	86	232.97	26.04	298.83	5869.71	45967.99	-4799.98
719	40	564.97	186.65	-286.20	-5869.71	57173.53	35962.72
	83	-564.97	-186.65	286.20	5869.71	42995.13	29365.23
720	48	129.77	-67.93	-364.51	-1701.02	83451.75	-5586.37
	91	-129.77	67.93	364.51	1701.02	44126.35	-18190.40
721	47	27.53	-82.05	-533.40	-2724.70	129108.04	-10421.69
	90	-27.53	82.05	533.40	2724.70	57581.58	-18297.49
722	46	-21.57	-86.00	-528.45	-2724.70	127957.14	-16162.08
	89	21.57	86.00	528.45	2724.70	57000.12	-13939.37
723	41	-128.63	-44.48	-359.39	-1701.02	82365.07	-11674.43
	84	128.63	44.48	359.39	1701.02	43422.24	-3894.99
724	51	-227.79	-173.31	-167.01	-1701.02	38830.40	-30346.62
	94	227.79	173.31	167.01	1701.02	19623.45	-30313.01
725	50	-69.15	-136.35	-268.89	-2724.70	61061.69	-24315.32
	93	69.15	136.35	268.89	2724.70	33050.53	-23406.90
726	49	24.06	-72.23	-259.58	-2724.70	60009.74	-12446.58
	92	-24.06	72.23	259.58	2724.70	30842.44	-12834.73
727	42	166.57	7.11	-195.79	-1701.02	44049.87	1421.08
	85	-166.57	-7.11	195.79	1701.02	24476.42	1065.67
728	55	-1200.44	-205.17	-1163.07	-5443.25	247174.45	-33101.72
	98	1200.44	205.17	1163.07	5443.25	159898.75	-38707.29
729	54	-162.45	-101.37	-1054.68	-2724.70	190276.27	-15495.08
	97	162.45	101.37	1054.68	2724.70	178863.41	-19982.93
730	53	343.49	-69.19	-974.41	-2724.70	179348.50	-12599.71
	96	-343.49	69.19	974.41	2724.70	161696.62	-11617.00
731	52	1039.46	-21.13	-505.59	-1701.02	94779.73	-4766.96
	95	-1039.46	21.13	505.59	1701.02	82175.76	-2628.05
732	56	-794.41	-50.16	-491.03	-1701.02	91605.13	-4405.95
	99	794.41	50.16	491.03	1701.02	80255.49	-13149.36
733	57	-637.72	-40.75	-1118.51	-2724.70	199206.43	-2921.27
	100	637.72	40.75	1118.51	2724.70	192273.23	-11342.16
734	58	1638.03	-35.35	-595.57	-1701.02	109263.64	-6046.60
	101	-1638.03	35.35	595.57	1701.02	99185.93	-6325.89
735	15	3249.12	50.72	-842.32	-6150.27	180245.13	8736.75
	58	-3249.12	-50.72	842.32	6150.27	139836.44	10536.74
736	14	-1365.13	-75.52	-1334.30	-9373.99	280144.40	-23022.57
	57	1365.13	75.52	1334.30	9373.99	226890.62	-5674.35
737	13	-1572.71	-259.45	-778.61	-6150.27	172320.02	-59149.51
	56	1572.71	259.45	778.61	6150.27	123552.33	-39441.18
738	9	1730.10	228.58	-431.90	-6150.27	98547.71	46183.35
	52	-1730.10	-228.58	431.90	6150.27	65575.38	40676.51
739	10	658.25	62.39	-748.44	-9373.99	160872.06	11573.80
	53	-658.25	-62.39	748.44	9373.99	123534.21	12135.13
740	11	-342.31	-135.50	-767.12	-9373.99	163186.73	-30452.24
	54	342.31	135.50	767.12	9373.99	128320.68	-21038.02
741	12	-1901.21	-425.88	-877.85	-12286.67	329223.76	-87812.74
	55	1901.21	425.88	877.85	12286.67	4358.58	-74021.60
742	2	147.65	261.74	-12.24	-6150.27	25371.96	50308.47
	42	-147.65	-261.74	12.24	6150.27	-20720.34	49152.59
743	6	14.16	44.78	17.35	-6150.27	21690.33	8093.76
	49	-14.16	-44.78	-17.35	6150.27	-28285.16	8923.03

744	7	-64.80	-123.49	17.44	-6150.27	21680.05	-24330.28
	50	64.80	123.49	-17.44	6150.27	-28306.28	-22597.74
745	8	-215.07	-410.45	9.33	-6150.27	22689.08	-79466.19
	51	215.07	410.45	-9.33	6150.27	-26232.98	-76506.48

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-1.18e-002	5.54e-002	-1.69e-002	23.73	-7.31	1.08
	472	-1.21e-002	5.02e-002	-6.98e-003	11.86	9.36	18.03
	473	-1.94e-002	4.97e-002	-2.00e-002	64.11	4.10	13.71
	382	-1.91e-002	5.50e-002	-2.99e-002	28.27	25.26	-3.24
105	378	1.70e-003	5.53e-002	6.94e-003	7.60	-0.52	-5.49
	467	2.61e-003	6.93e-002	-4.37e-004	1.95	5.05e-002	-2.25
	472	-1.09e-002	6.84e-002	-4.15e-003	5.09	9.43	4.05
	381	-1.19e-002	5.44e-002	3.23e-003	15.78	2.26	0.81
106	377	-1.70e-003	4.21e-002	6.59e-003	2.42	-0.25	-8.81
	466	-2.39e-004	6.46e-002	2.29e-003	0.51	-0.65	-7.74
	467	2.31e-003	6.47e-002	7.21e-004	0.16	3.62	-4.85
	378	8.51e-004	4.23e-002	5.02e-003	6.50	-0.29	-5.92
107	374	-2.17e-004	3.64e-002	7.32e-003	0.73	-0.13	-9.74
	465	9.40e-004	5.42e-002	2.79e-003	0.14	-0.32	-9.41
	466	-9.22e-004	5.41e-002	3.64e-003	-0.14	1.01	-8.45
	377	-2.08e-003	3.63e-002	8.17e-003	2.16	-0.33	-8.78
108	373	-1.85e-004	2.83e-002	8.03e-003	0.21	-6.59e-002	-9.98
	464	7.56e-004	4.28e-002	2.46e-003	4.15e-002	-0.13	-9.88
	465	1.96e-004	4.27e-002	1.99e-003	-6.49e-002	0.23	-9.60
	374	-7.45e-004	2.83e-002	7.56e-003	0.66	-0.17	-9.70
109	370	-2.37e-005	2.10e-002	7.78e-003	5.77e-002	-3.29e-002	-10.04
	459	6.57e-004	3.15e-002	2.40e-003	1.21e-002	-5.48e-002	-10.01
	464	2.04e-005	3.15e-002	2.62e-003	-2.12e-002	3.50e-002	-9.93
	373	-6.61e-004	2.10e-002	8.00e-003	0.19	-7.77e-002	-9.96
110	369	8.21e-005	1.35e-002	7.88e-003	1.31e-002	-2.34e-002	-10.05
	458	5.22e-004	2.02e-002	2.44e-003	3.40e-003	-3.29e-002	-10.04
	459	-7.68e-005	2.02e-002	2.36e-003	-6.21e-003	-6.23e-003	-10.02
	370	-5.17e-004	1.34e-002	7.79e-003	5.05e-002	-3.57e-002	-10.03
111	366	2.12e-004	5.98e-003	7.86e-003	3.41e-003	-3.67e-002	-10.04
	457	4.07e-004	8.98e-003	2.45e-003	1.42e-004	-4.38e-002	-10.04
	458	-2.12e-004	8.94e-003	2.46e-003	-1.30e-003	-1.95e-002	-10.04
	369	-4.07e-004	5.94e-003	7.87e-003	1.17e-002	-2.56e-002	-10.04
112	365	3.23e-004	-1.50e-003	7.80e-003	2.24e-002	-9.06e-002	-10.03
	456	2.72e-004	-2.28e-003	2.36e-003	-4.19e-003	-9.11e-002	-10.04
	457	-3.27e-004	-2.32e-003	2.44e-003	2.10e-003	-4.55e-002	-10.04
	366	-2.76e-004	-1.54e-003	7.87e-003	6.03e-003	-4.22e-002	-10.03
113	303	4.63e-004	-9.06e-003	7.99e-003	0.13	-0.24	-10.04
	453	1.72e-004	-1.35e-002	2.61e-003	-1.78e-002	-0.20	-10.07
	456	-4.62e-004	-1.36e-002	2.41e-003	1.15e-002	-0.12	-10.04
	365	-1.71e-004	-9.10e-003	7.79e-003	3.34e-002	-0.10	-10.01
114	300	4.77e-004	-1.63e-002	7.63e-003	0.59	-0.64	-10.17
	452	-7.47e-005	-2.48e-002	2.02e-003	-5.38e-002	-0.37	-10.28
	453	-5.64e-004	-2.49e-002	2.41e-003	4.79e-002	-0.34	-10.10
	303	-1.19e-005	-1.64e-002	8.03e-003	0.17	-0.28	-9.99
115	299	1.48e-003	-2.44e-002	8.31e-003	2.19	-1.55	-10.80
	451	7.07e-004	-3.62e-002	3.58e-003	-5.79e-002	-0.53	-11.19
	452	-8.23e-004	-3.63e-002	2.86e-003	0.19	-0.90	-10.44
	300	-5.23e-005	-2.45e-002	7.59e-003	0.70	-0.75	-10.05
116	296	-3.74e-003	-2.96e-002	7.60e-003	6.65	-3.13	-12.92
	450	-4.95e-003	-4.83e-002	1.90e-003	0.74	-0.56	-14.17
	451	-5.65e-005	-4.80e-002	2.05e-003	0.75	-2.02	-11.91
	299	1.16e-003	-2.93e-002	7.74e-003	2.54	-2.10	-10.66

117	295	9.52e-003	-3.67e-002	1.20e-002	12.74	-3.96	-16.77
	449	8.01e-003	-6.00e-002	-2.21e-003	6.08	-4.29	-19.43
	450	-5.77e-003	-6.08e-002	1.94e-004	2.60	-2.03	-16.45
	296	-4.26e-003	-3.76e-002	1.44e-002	7.63	-5.76	-13.79
118	245	8.17e-002	-3.80e-002	-2.98e-002	53.54	7.20	-6.65
	255	8.14e-002	-4.19e-002	-3.95e-002	-8.42	-36.04	-12.83
	449	8.88e-003	-4.66e-002	-2.23e-002	8.91	15.77	-21.43
	295	9.13e-003	-4.27e-002	-1.27e-002	18.35	-10.81	-15.25
119	290	-3.52e-002	9.03e-002	-4.51e-003	21.90	-5.32	-8.77
	381	-3.76e-002	5.38e-002	8.98e-003	23.12	-8.72	-1.77
	382	1.66e-003	5.63e-002	-6.33e-002	55.32	27.58	-1.50
	293	4.04e-003	9.29e-002	-7.68e-002	16.51	21.21	-8.50
120	289	-1.09e-003	4.57e-002	-6.29e-003	8.43	-2.68	-11.80
	378	-4.81e-004	5.52e-002	1.11e-003	9.20	-1.85	-5.94
	381	-3.76e-002	5.27e-002	2.91e-002	18.95	1.66	-4.60
	290	-3.83e-002	4.33e-002	2.17e-002	18.11	0.51	-10.46
121	286	-1.15e-003	2.18e-002	1.70e-002	2.62	-0.92	-10.79
	377	1.74e-004	4.22e-002	1.15e-002	2.92	-0.54	-8.87
	378	-1.33e-003	4.21e-002	-8.18e-004	5.60	-0.94	-8.41
	289	-2.65e-003	2.17e-002	4.66e-003	6.12	-1.19	-10.33
122	285	-9.93e-005	1.84e-002	9.28e-003	0.78	-0.33	-10.34
	374	1.08e-003	3.65e-002	8.68e-003	0.88	-0.20	-9.74
	377	-2.05e-004	3.64e-002	1.31e-002	1.66	-0.57	-9.65
	286	-1.38e-003	1.83e-002	1.37e-002	1.89	-0.55	-10.24
123	265	-3.54e-004	1.41e-002	1.17e-002	0.23	-0.12	-10.16
	373	5.72e-004	2.83e-002	1.05e-002	0.26	-8.10e-002	-9.98
	374	5.49e-004	2.83e-002	8.92e-003	0.49	-0.24	-9.97
	285	-3.76e-004	1.41e-002	1.01e-002	0.55	-0.21	-10.15
124	264	-1.36e-004	1.05e-002	1.08e-002	6.43e-002	-4.30e-002	-10.09
	370	5.49e-004	2.11e-002	9.92e-003	7.14e-002	-3.56e-002	-10.04
	373	9.67e-005	2.10e-002	1.05e-002	0.14	-9.34e-002	-10.04
	265	-5.88e-004	1.05e-002	1.14e-002	0.16	-7.74e-002	-10.09
125	263	-4.58e-005	6.72e-003	1.11e-002	1.49e-002	-2.08e-002	-10.06
	369	3.94e-004	1.35e-002	1.01e-002	1.92e-002	-2.24e-002	-10.04
	370	5.55e-005	1.35e-002	9.94e-003	3.97e-002	-3.84e-002	-10.05
	264	-3.84e-004	6.70e-003	1.09e-002	4.12e-002	-3.01e-002	-10.07
126	262	9.54e-005	2.99e-003	1.10e-002	1.30e-003	-2.56e-002	-10.04
	366	2.90e-004	5.99e-003	1.01e-002	9.66e-003	-3.31e-002	-10.04
	369	-9.51e-005	5.96e-003	1.01e-002	9.40e-003	-2.48e-002	-10.05
	263	-2.90e-004	2.96e-003	1.10e-002	1.07e-002	-1.79e-002	-10.05
127	261	1.88e-004	-7.42e-004	1.09e-002	1.15e-002	-6.33e-002	-10.00
	365	1.38e-004	-1.51e-003	9.93e-003	3.08e-002	-8.34e-002	-10.01
	366	-1.98e-004	-1.53e-003	1.01e-002	6.66e-003	-3.95e-002	-10.04
	262	-1.49e-004	-7.64e-004	1.11e-002	1.07e-002	-2.86e-002	-10.03
128	260	3.99e-004	-4.53e-003	1.14e-002	9.38e-002	-0.18	-9.92
	303	1.04e-004	-9.08e-003	1.05e-002	0.13	-0.23	-9.96
	365	-3.55e-004	-9.11e-003	9.92e-003	4.10e-002	-0.10	-10.02
	261	-5.97e-005	-4.56e-003	1.08e-002	4.93e-002	-7.83e-002	-9.97
129	259	1.40e-004	-8.13e-003	1.01e-002	0.47	-0.52	-9.69
	300	-3.96e-004	-1.64e-002	8.92e-003	0.53	-0.64	-9.88
	303	-3.71e-004	-1.64e-002	1.05e-002	0.21	-0.27	-10.00
	260	1.66e-004	-8.12e-003	1.17e-002	0.22	-0.23	-9.81
130	258	8.83e-004	-1.21e-002	1.37e-002	1.97	-1.48	-9.16
	299	8.02e-005	-2.45e-002	1.34e-002	1.93	-1.63	-9.87
	300	-9.26e-004	-2.45e-002	8.88e-003	0.86	-0.77	-10.05
	259	-1.23e-004	-1.22e-002	9.14e-003	0.87	-0.66	-9.35
131	257	9.03e-004	-1.39e-002	4.00e-003	7.45	-3.90	-8.14

	296	-1.03e-004	-2.94e-002	4.38e-004	6.77	-3.35	-10.60
	299	-2.40e-004	-2.94e-002	1.28e-002	3.16	-2.38	-10.56
	258	7.66e-004	-1.39e-002	1.64e-002	3.27	-1.83	-8.10
132	256	4.54e-002	-2.94e-002	1.66e-002	23.48	-5.67	-6.36
	295	4.51e-002	-3.44e-002	3.52e-002	23.63	-2.11	-14.04
	296	-6.24e-004	-3.74e-002	7.29e-003	10.27	-7.71	-13.07
	257	-2.95e-004	-3.23e-002	-1.13e-002	11.57	-5.42	-5.39
133	235	6.54e-002	-6.97e-002	-7.76e-002	76.57	36.66	-0.65
	245	6.74e-002	-3.89e-002	-5.56e-002	12.49	13.46	-8.97
	295	4.47e-002	-4.04e-002	1.05e-002	25.15	-9.73	-13.00
	256	4.27e-002	-7.11e-002	-1.15e-002	31.55	-22.72	-4.68
134	471	1.89e-002	1.23e-003	0.22	4.21	-1.31	-18.72
	290	2.49e-002	9.42e-002	3.35e-002	19.36	-7.66	-11.69
	293	8.57e-003	9.32e-002	-0.14	42.26	20.33	-7.78
	200	2.53e-003	1.64e-004	4.30e-002	6.38	5.21	-14.81
135	470	-1.75e-003	-1.14e-004	1.07e-003	1.82	-0.87	-14.70
	289	1.24e-003	4.59e-002	-1.10e-002	6.76	-1.81	-12.11
	290	2.19e-002	4.72e-002	5.97e-002	12.47	-0.91	-14.62
	471	1.89e-002	1.23e-003	7.19e-002	4.68	0.84	-17.21
136	229	-1.30e-003	-8.47e-005	2.26e-002	0.68	-0.29	-11.72
	286	1.27e-004	2.19e-002	2.05e-002	2.12	-0.69	-10.76
	289	-3.18e-004	2.19e-002	-9.65e-005	5.46	-1.33	-12.32
	470	-1.75e-003	-1.14e-004	1.98e-003	0.44	2.49e-002	-13.28
137	469	-4.10e-004	-2.67e-005	1.02e-002	0.22	-8.97e-002	-10.61
	285	7.88e-004	1.84e-002	9.97e-003	0.63	-0.26	-10.31
	286	-1.05e-004	1.84e-002	1.72e-002	1.85	-0.54	-10.90
	229	-1.30e-003	-8.47e-005	1.74e-002	-3.06e-002	-3.06e-002	-11.21
138	468	-4.59e-004	-2.99e-005	1.40e-002	7.05e-002	-2.89e-002	-10.24
	265	4.62e-004	1.41e-002	1.33e-002	0.18	-9.32e-002	-10.15
	285	5.11e-004	1.42e-002	1.08e-002	0.58	-0.19	-10.35
	469	-4.10e-004	-2.67e-005	1.15e-002	-3.47e-002	-1.67e-002	-10.44
139	228	-2.60e-004	-1.69e-005	1.27e-002	2.09e-002	-9.67e-003	-10.11
	264	4.27e-004	1.05e-002	1.21e-002	5.20e-002	-3.36e-002	-10.09
	265	2.27e-004	1.05e-002	1.30e-002	0.18	-6.67e-002	-10.16
	468	-4.59e-004	-2.99e-005	1.36e-002	-1.61e-002	-7.36e-003	-10.18
140	463	-1.66e-004	-1.08e-005	1.31e-002	3.97e-003	-4.08e-003	-10.07
	263	2.73e-004	6.74e-003	1.25e-002	1.60e-002	-1.57e-002	-10.06
	264	1.79e-004	6.73e-003	1.22e-002	5.14e-002	-2.48e-002	-10.09
	228	-2.60e-004	-1.69e-005	1.29e-002	-6.31e-003	-3.32e-003	-10.09
141	462	-2.82e-005	-1.83e-006	1.31e-002	-5.45e-003	-4.11e-003	-10.04
	262	1.67e-004	2.99e-003	1.24e-002	1.50e-002	-1.86e-002	-10.04
	263	2.87e-005	2.99e-003	1.24e-002	1.40e-002	-1.41e-002	-10.06
	463	-1.66e-004	-1.08e-005	1.31e-002	-8.45e-004	-2.41e-003	-10.06
142	227	6.40e-005	4.16e-006	1.29e-002	-1.99e-002	-9.12e-003	-9.98
	261	1.48e-005	-7.54e-004	1.22e-002	5.10e-002	-4.68e-002	-9.99
	262	-7.74e-005	-7.60e-004	1.25e-002	7.69e-003	-2.21e-002	-10.03
	462	-2.82e-005	-1.83e-006	1.31e-002	6.15e-003	-4.67e-003	-10.02
143	461	2.68e-004	1.74e-005	1.36e-002	-5.54e-002	-2.43e-002	-9.82
	260	-2.90e-005	-4.56e-003	1.30e-002	0.20	-0.14	-9.85
	261	-2.33e-004	-4.57e-003	1.21e-002	3.21e-002	-6.05e-002	-9.97
	227	6.40e-005	4.16e-006	1.27e-002	2.60e-002	-1.41e-002	-9.95
144	460	1.66e-004	1.08e-005	1.14e-002	-0.15	-6.54e-002	-9.33
	259	-3.65e-004	-8.16e-003	1.07e-002	0.71	-0.41	-9.43
	260	-2.63e-004	-8.15e-003	1.33e-002	0.15	-0.18	-9.82
	461	2.68e-004	1.74e-005	1.40e-002	9.22e-002	-4.53e-002	-9.72
145	226	7.70e-004	5.01e-005	1.73e-002	-0.33	-0.17	-7.84
	258	-2.43e-005	-1.22e-002	1.72e-002	2.46	-1.25	-8.22

	259	-6.29e-004	-1.22e-002	9.78e-003	0.65	-0.50	-9.39
	460	1.66e-004	1.08e-005	9.89e-003	0.31	-0.15	-9.01
146	455	-2.88e-004	-1.87e-005	-4.41e-004	-8.51e-002	-0.32	-3.50
	257	-1.20e-003	-1.40e-002	-2.36e-003	7.89	-3.54	-4.86
	258	-1.41e-004	-1.40e-002	1.99e-002	2.52	-1.32	-8.20
	226	7.70e-004	5.01e-005	2.18e-002	1.01	-0.49	-6.84
147	454	-2.92e-002	-1.90e-003	6.81e-002	5.73	0.61	7.08
	256	-3.13e-002	-3.43e-002	5.26e-002	23.10	-5.65	2.13
	257	-2.40e-003	-3.25e-002	-1.76e-002	9.42	-4.14	-5.11
	455	-2.88e-004	-1.87e-005	-2.15e-003	3.28	-1.81	-0.15
148	197	8.46e-002	5.50e-003	6.60e-002	105.22	20.54	18.57
	235	7.98e-002	-6.87e-002	-0.16	30.77	37.02	-6.37
	256	-3.40e-002	-7.61e-002	2.44e-002	35.07	-22.49	0.53
	454	-2.92e-002	-1.90e-003	0.25	13.97	-12.19	25.47
149	244	-1.78e-002	8.86e-003	-4.51e-003	17.66	-13.45	14.57
	254	-1.67e-002	2.57e-002	4.68e-002	9.43	14.82	20.47
	255	8.62e-002	3.24e-002	2.65e-002	-11.39	-43.56	10.34
	245	8.51e-002	1.56e-002	-2.48e-002	55.34	3.44	4.45
150	243	2.26e-003	2.42e-002	3.04e-003	7.16	-6.57	14.18
	253	1.84e-003	1.76e-002	-3.28e-003	2.61	-2.68	16.74
	254	-1.73e-002	1.64e-002	1.05e-003	5.93	-7.19	18.94
	244	-1.69e-002	2.29e-002	7.37e-003	12.10	-5.62	16.38
151	242	-1.04e-003	9.76e-003	7.78e-003	2.31	-2.30	11.52
	252	-8.27e-004	1.31e-002	2.94e-003	0.70	-2.26	12.68
	253	1.55e-003	1.33e-002	-1.61e-003	0.72	-1.55	14.61
	243	1.34e-003	9.92e-003	3.23e-003	6.10	-3.69	13.45
152	241	2.35e-004	2.34e-003	7.42e-003	0.65	-0.81	11.08
	251	2.66e-004	2.81e-003	2.55e-003	0.16	-0.95	11.41
	252	-1.50e-003	2.70e-003	4.20e-003	-6.56e-002	-0.87	12.04
	242	-1.53e-003	2.22e-003	9.06e-003	1.92	-1.71	11.71
153	240	4.35e-004	-6.54e-003	8.82e-003	0.32	-0.34	11.01
	250	2.42e-004	-9.51e-003	2.88e-003	1.34e-002	-0.29	11.06
	251	-5.38e-004	-9.56e-003	1.98e-003	-4.50e-002	-0.52	11.27
	241	-3.45e-004	-6.59e-003	7.93e-003	0.53	-0.69	11.22
154	239	5.63e-004	-1.44e-002	8.19e-003	0.68	-0.25	10.77
	249	7.25e-005	-2.19e-002	2.20e-003	-6.50e-002	0.16	10.69
	250	-5.69e-004	-2.20e-002	2.80e-003	1.78e-002	-0.35	11.00
	240	-7.87e-005	-1.44e-002	8.78e-003	0.30	-0.29	11.08
155	238	1.57e-003	-2.32e-002	8.60e-003	2.22	-0.29	9.84
	248	8.43e-004	-3.44e-002	3.49e-003	-0.15	1.10	9.51
	249	-7.41e-004	-3.45e-002	2.97e-003	0.13	-0.42	10.50
	239	-1.28e-005	-2.33e-002	8.08e-003	0.76	-0.19	10.83
156	237	-2.04e-003	-2.98e-002	7.51e-003	6.54	0.15	6.93
	247	-3.14e-003	-4.67e-002	1.98e-003	0.26	3.87	5.88
	248	5.45e-005	-4.65e-002	2.00e-003	0.50	-0.61	8.76
	238	1.15e-003	-2.96e-002	7.53e-003	2.47	-0.30	9.82
157	236	8.67e-003	-4.05e-002	6.58e-003	14.14	4.16	0.42
	246	7.72e-003	-5.52e-002	-4.24e-003	4.60	9.11	-2.19
	247	-3.74e-003	-5.60e-002	1.00e-003	1.90	1.01	3.39
	237	-2.79e-003	-4.13e-002	1.18e-002	7.32	-0.70	6.01
158	433	1.36e-002	-4.63e-002	-1.20e-002	35.95	28.25	2.52
	443	1.39e-002	-4.18e-002	-2.06e-002	26.48	3.78	-7.35
	246	8.57e-003	-4.21e-002	-1.63e-002	9.02	17.18	-10.27
	236	8.28e-003	-4.66e-002	-7.67e-003	19.58	-2.00	-0.40
159	234	-1.65e-002	4.80e-002	-1.33e-002	30.77	-24.87	3.95
	244	-1.90e-002	8.78e-003	1.72e-002	24.30	-12.30	12.49
	245	7.09e-002	1.46e-002	-5.06e-002	10.95	10.43	7.14

	235	7.34e-002	5.38e-002	-8.12e-002	77.81	35.09	-1.40
160	233	-1.01e-003	2.94e-002	-2.21e-003	11.13	-5.65	6.11
	243	-1.36e-003	2.39e-002	-7.74e-004	9.66	-8.31	13.50
	244	-1.81e-002	2.28e-002	2.91e-002	23.21	-3.49	13.80
	234	-1.77e-002	2.83e-002	2.77e-002	22.34	-6.52	6.41
161	232	-6.48e-004	6.78e-003	1.81e-002	3.03	-1.79	9.18
	242	-4.51e-004	9.80e-003	1.25e-002	2.85	-2.50	11.43
	243	-2.29e-003	9.68e-003	-5.91e-004	6.42	-3.80	11.25
	233	-2.48e-003	6.66e-003	4.98e-003	6.69	-4.23	9.00
162	231	3.67e-004	1.34e-003	1.01e-002	0.80	-0.65	10.50
	241	4.33e-004	2.35e-003	9.05e-003	0.76	-0.81	11.10
	242	-9.42e-004	2.26e-003	1.38e-002	1.75	-1.76	10.85
	232	-1.01e-003	1.25e-003	1.48e-002	1.67	-1.58	10.25
163	230	3.15e-004	-3.24e-003	1.27e-002	0.33	-0.28	10.99
	240	9.92e-005	-6.56e-003	1.16e-002	0.29	-0.35	11.10
	241	-1.47e-004	-6.58e-003	9.56e-003	0.51	-0.69	10.96
	231	6.85e-005	-3.26e-003	1.07e-002	0.41	-0.57	10.86
164	477	2.05e-004	-7.18e-003	1.09e-002	0.60	-0.28	11.20
	239	-2.67e-004	-1.45e-002	9.75e-003	0.50	-0.32	11.06
	240	-4.14e-004	-1.45e-002	1.16e-002	0.36	-0.29	11.02
	230	5.84e-005	-7.19e-003	1.27e-002	0.28	-0.28	11.15
165	476	9.37e-004	-1.16e-002	1.41e-002	1.99	-0.59	11.29
	238	1.80e-004	-2.32e-002	1.34e-002	1.63	-0.55	10.71
	239	-8.43e-004	-2.33e-002	9.64e-003	0.92	-0.25	10.83
	477	-8.63e-005	-1.17e-002	1.03e-002	0.80	-0.35	11.41
166	475	1.78e-003	-1.50e-002	6.58e-003	6.69	-1.32	11.14
	237	8.27e-004	-2.96e-002	2.27e-003	5.50	-0.56	9.18
	238	-2.40e-004	-2.97e-002	1.24e-002	3.00	-0.59	9.93
	476	7.14e-004	-1.50e-002	1.67e-002	2.75	-0.79	11.88
167	474	3.55e-002	-3.17e-002	1.79e-002	20.41	0.52	10.07
	236	3.50e-002	-3.88e-002	2.92e-002	18.65	3.85	4.05
	237	8.45e-005	-4.11e-002	6.58e-003	9.31	-2.31	6.62
	475	5.47e-004	-3.40e-002	-4.75e-003	9.17	-2.39	12.65
168	423	1.20e-002	-6.59e-002	-6.16e-002	44.18	34.75	6.12
	433	1.33e-002	-4.63e-002	-3.77e-002	29.10	30.50	-0.45
	236	3.46e-002	-4.49e-002	1.50e-002	22.47	-3.12	2.08
	474	3.33e-002	-6.45e-002	-8.94e-003	23.94	-9.76	8.65
169	448	2.38e-002	1.55e-003	0.18	14.11	-12.11	-25.63
	234	2.70e-002	5.08e-002	1.71e-002	33.83	-23.95	-0.98
	235	8.78e-002	5.48e-002	-0.16	29.85	35.63	4.51
	197	8.46e-002	5.50e-003	-2.19e-004	105.78	19.94	-20.14
170	225	-3.18e-003	-2.07e-004	1.84e-003	3.19	-1.74	1.12
	233	-1.26e-003	2.94e-002	-3.42e-003	8.93	-4.24	5.77
	234	2.57e-002	3.11e-002	5.81e-002	22.59	-6.19	-1.93
	448	2.38e-002	1.55e-003	6.34e-002	4.96	0.33	-6.58
171	447	-7.65e-004	-4.97e-005	2.28e-002	0.96	-0.46	8.01
	232	-3.20e-004	6.80e-003	2.10e-002	2.31	-1.28	9.26
	233	-2.74e-003	6.65e-003	3.77e-003	7.63	-3.73	5.79
	225	-3.18e-003	-2.07e-004	5.60e-003	-0.37	-0.41	4.54
172	224	9.55e-005	6.21e-006	1.16e-002	0.28	-0.13	10.23
	231	1.81e-004	1.33e-003	1.11e-002	0.60	-0.49	10.56
	232	-6.79e-004	1.27e-003	1.77e-002	2.32	-1.30	9.35
	447	-7.65e-004	-4.97e-005	1.83e-002	-0.43	-0.20	9.03
173	446	1.64e-004	1.07e-005	1.53e-002	6.23e-002	-4.70e-002	11.01
	230	-4.89e-005	-3.27e-003	1.46e-002	0.29	-0.22	11.07
	231	-1.18e-004	-3.27e-003	1.17e-002	0.69	-0.44	10.62
	224	9.55e-005	6.21e-006	1.24e-002	-0.16	-8.11e-002	10.56

174	223	2.15e-004	1.40e-005	1.25e-002	-2.32e-002	-3.01e-002	11.48
	477	-2.54e-004	-7.21e-003	1.17e-002	0.60	-0.24	11.41
	230	-3.05e-004	-7.21e-003	1.45e-002	0.35	-0.21	11.09
	446	1.64e-004	1.07e-005	1.53e-002	4.22e-003	-5.19e-002	11.16
175	445	9.23e-004	6.00e-005	1.76e-002	-5.59e-002	-4.24e-002	12.31
	476	1.62e-004	-1.16e-002	1.73e-002	1.91	-0.59	12.01
	477	-5.46e-004	-1.17e-002	1.11e-002	0.69	-0.26	11.38
	223	2.15e-004	1.40e-005	1.14e-002	0.20	-9.21e-002	11.67
176	222	6.51e-004	4.23e-005	4.12e-003	0.45	5.23e-003	14.49
	475	-3.33e-004	-1.51e-002	2.44e-003	5.80	-1.52	13.49
	476	-6.11e-005	-1.51e-002	1.99e-002	2.26	-0.56	11.84
	445	9.23e-004	6.00e-005	2.16e-002	0.69	-0.28	12.85
177	444	-2.36e-002	-1.53e-003	6.15e-002	5.61	1.04	18.92
	474	-2.58e-002	-3.57e-002	4.94e-002	15.05	-1.04	15.67
	475	-1.57e-003	-3.41e-002	-8.89e-003	7.62	-1.69	12.94
	222	6.51e-004	4.23e-005	3.16e-003	2.07	-1.00	16.19
178	193	2.15e-002	1.40e-003	4.55e-002	55.37	13.22	17.23
	423	1.72e-002	-6.55e-002	-0.13	31.59	32.42	2.26
	474	-2.79e-002	-6.85e-002	2.26e-002	25.28	-11.82	12.18
	444	-2.36e-002	-1.53e-003	0.20	7.92	-5.79	27.16
229	432	-9.95e-003	5.17e-003	-9.95e-003	17.58	-4.10	5.93
	442	-1.15e-002	-1.85e-002	-7.68e-003	8.97	15.63	14.98
	443	1.56e-002	-1.67e-002	-1.10e-002	25.24	4.17	12.95
	433	1.71e-002	6.92e-003	-1.33e-002	36.24	27.66	3.89
230	431	3.69e-003	4.31e-003	7.45e-003	6.00	-0.95	-0.68
	441	3.33e-003	-1.21e-003	-8.44e-004	1.14	-0.10	1.50
	442	-1.04e-002	-2.10e-003	-5.01e-003	2.68	7.77	6.54
	432	-1.01e-002	3.42e-003	3.28e-003	13.35	3.46	4.36
231	430	-3.83e-004	-3.73e-003	3.80e-003	1.84	-0.15	-3.82
	440	-4.23e-004	-4.35e-003	2.53e-004	0.11	-0.98	-3.04
	441	3.14e-003	-4.12e-003	-4.56e-004	-0.10	3.18	-0.67
	431	3.18e-003	-3.50e-003	3.09e-003	5.21	-0.10	-1.45
232	429	2.08e-004	-6.82e-003	3.65e-003	0.48	-7.10e-003	-4.55
	439	-4.47e-005	-1.07e-002	1.57e-003	-1.73e-002	-0.41	-4.35
	440	-8.40e-004	-1.08e-002	2.34e-003	-0.21	0.89	-3.60
	430	-5.87e-004	-6.87e-003	4.42e-003	1.49	-0.29	-3.80
233	428	3.66e-004	-1.18e-002	4.45e-003	0.11	-6.36e-003	-4.71
	438	-2.94e-006	-1.75e-002	1.39e-003	-1.22e-002	-0.14	-4.66
	439	-4.86e-004	-1.75e-002	8.04e-004	-7.78e-002	0.20	-4.46
	429	-1.17e-004	-1.18e-002	3.86e-003	0.37	-0.14	-4.51
234	427	5.80e-004	-1.60e-002	3.83e-003	2.79e-002	-2.88e-002	-4.73
	437	3.97e-005	-2.43e-002	7.78e-004	-4.64e-003	-6.78e-002	-4.72
	438	-4.50e-004	-2.44e-002	1.40e-003	-2.08e-002	2.57e-002	-4.68
	428	9.06e-005	-1.60e-002	4.45e-003	8.33e-002	-5.75e-002	-4.69
235	426	9.53e-004	-2.10e-002	4.50e-003	3.55e-002	-8.39e-002	-4.73
	436	2.99e-004	-3.11e-002	2.44e-003	8.79e-004	-9.48e-002	-4.73
	437	-4.01e-004	-3.11e-002	1.55e-003	1.02e-003	-3.19e-002	-4.73
	427	2.53e-004	-2.10e-002	3.61e-003	2.68e-002	-4.94e-002	-4.72
236	425	-3.34e-003	-2.43e-002	3.18e-003	0.13	-0.21	-4.71
	435	-4.21e-003	-3.78e-002	-7.63e-004	4.21e-002	-0.26	-4.74
	436	-1.21e-004	-3.75e-002	1.84e-004	3.26e-002	-8.96e-002	-4.75
	426	7.57e-004	-2.40e-002	4.12e-003	5.68e-002	-0.13	-4.72
237	424	1.09e-002	-3.05e-002	5.40e-003	0.31	-0.41	-4.54
	434	1.02e-002	-4.08e-002	-4.32e-003	0.19	-1.00	-4.60
	435	-4.47e-003	-4.18e-002	-1.34e-003	0.16	-6.63e-002	-4.79
	425	-3.80e-003	-3.15e-002	8.37e-003	0.18	-0.42	-4.73
238	403	-2.34e-003	-3.29e-002	-1.72e-002	3.19	-8.66e-002	-3.41

	413	-1.91e-003	-2.62e-002	-1.48e-002	-2.85	-3.64	-3.34
	434	1.12e-002	-2.53e-002	-8.12e-003	0.50	0.94	-4.31
	424	1.08e-002	-3.20e-002	-1.05e-002	0.34	-1.04	-4.38
239	422	-2.77e-002	4.02e-002	-1.60e-002	20.62	-12.64	-3.33
	432	-3.00e-002	3.86e-003	1.12e-002	19.85	-6.12	4.12
	433	1.68e-002	6.90e-003	-3.90e-002	29.39	30.14	6.90
	423	1.91e-002	4.33e-002	-6.62e-002	44.13	34.28	-0.55
240	421	-1.24e-003	1.40e-002	-1.09e-002	7.55	-1.80	-6.09
	431	-1.90e-003	3.95e-003	1.73e-003	7.54	-1.99	-1.23
	432	-3.01e-002	2.11e-003	2.45e-002	15.46	2.87	0.95
	422	-2.95e-002	1.21e-002	1.18e-002	18.12	0.19	-3.91
241	420	-1.08e-006	-1.49e-003	1.04e-002	1.99	-0.26	-5.23
	430	-1.46e-004	-3.71e-003	7.02e-003	2.12	-0.24	-3.96
	431	-2.40e-003	-3.86e-003	-2.63e-003	3.85	-0.83	-3.39
	421	-2.26e-003	-1.63e-003	7.97e-004	4.87	-1.45	-4.66
242	419	4.54e-004	-3.46e-003	4.42e-003	0.48	-7.37e-002	-4.90
	429	2.36e-004	-6.82e-003	4.19e-003	0.54	-6.12e-003	-4.58
	430	-3.50e-004	-6.86e-003	7.64e-003	0.92	-0.53	-4.49
	420	-1.32e-004	-3.50e-003	7.88e-003	1.22	-0.56	-4.81
243	418	2.95e-004	-5.89e-003	6.47e-003	0.10	-3.14e-002	-4.79
	428	-9.07e-005	-1.18e-002	5.94e-003	0.13	-8.81e-004	-4.71
	429	-8.93e-005	-1.18e-002	4.40e-003	0.21	-0.20	-4.71
	419	2.96e-004	-5.89e-003	4.93e-003	0.28	-0.17	-4.78
244	417	1.52e-004	-8.02e-003	4.89e-003	1.95e-002	-3.04e-002	-4.74
	427	-3.71e-004	-1.61e-002	4.35e-003	3.71e-002	-2.44e-002	-4.73
	428	-3.66e-004	-1.61e-002	5.94e-003	4.44e-002	-7.07e-002	-4.74
	418	1.57e-004	-8.01e-003	6.48e-003	6.23e-002	-5.10e-002	-4.75
245	416	6.22e-004	-1.04e-002	8.01e-003	1.84e-002	-7.54e-002	-4.70
	426	-7.10e-005	-2.11e-002	7.79e-003	5.50e-002	-7.74e-002	-4.71
	427	-6.98e-004	-2.11e-002	4.13e-003	1.99e-002	-5.00e-002	-4.73
	417	-4.77e-006	-1.04e-002	4.35e-003	2.83e-002	-2.80e-002	-4.72
246	415	2.82e-003	-1.22e-002	2.73e-004	0.12	-0.21	-4.62
	425	2.06e-003	-2.39e-002	-2.87e-003	0.22	-0.19	-4.67
	426	-2.68e-004	-2.41e-002	7.41e-003	6.62e-002	-0.13	-4.72
	416	4.98e-004	-1.23e-002	1.06e-002	9.10e-002	-5.93e-002	-4.66
247	414	3.12e-002	-2.53e-002	1.17e-002	0.64	-0.31	-4.38
	424	3.09e-002	-2.92e-002	2.68e-002	0.82	-0.23	-4.60
	425	1.59e-003	-3.11e-002	2.32e-003	0.26	-0.47	-4.71
	415	1.85e-003	-2.72e-002	-1.28e-002	0.37	-0.26	-4.48
248	393	-5.83e-003	-5.75e-002	-7.07e-002	3.89	1.52	-3.77
	403	-4.24e-003	-3.30e-002	-4.32e-002	-1.10	0.31	-4.01
	424	3.08e-002	-3.07e-002	1.09e-002	0.62	-0.93	-4.37
	414	2.93e-002	-5.52e-002	-1.65e-002	0.99	-1.37	-4.12
249	383	3.01e-002	1.95e-003	0.17	7.73	-5.05	-19.81
	422	3.28e-002	4.41e-002	9.87e-003	21.81	-13.92	-5.71
	423	2.42e-002	4.36e-002	-0.13	32.62	31.55	3.47
	193	2.15e-002	1.40e-003	3.15e-002	53.32	11.88	-10.63
250	221	5.22e-004	3.39e-005	-1.61e-003	1.60	-0.66	-8.75
	421	1.44e-003	1.41e-002	-1.43e-002	6.14	-1.12	-6.45
	422	3.10e-002	1.61e-002	3.77e-002	12.26	-1.15	-8.92
	383	3.01e-002	1.95e-003	5.03e-002	4.09	0.57	-11.22
251	380	-4.25e-004	-2.76e-005	1.33e-002	0.48	-0.15	-5.92
	420	-5.22e-004	-1.52e-003	1.24e-002	1.64	-0.12	-5.26
	421	4.25e-004	-1.46e-003	-2.54e-003	4.44	-1.49	-6.65
	221	5.22e-004	3.39e-005	-1.67e-003	3.72e-002	-0.12	-7.31
252	220	1.85e-004	1.20e-005	4.63e-003	0.13	-3.49e-002	-5.06
	419	-4.23e-005	-3.49e-003	4.67e-003	0.40	-4.22e-002	-4.90

	420	-6.53e-004	-3.53e-003	9.87e-003	1.29	-0.51	-5.36
	380	-4.25e-004	-2.76e-005	9.82e-003	-0.20	-7.25e-002	-5.52
253	379	2.31e-004	1.50e-005	7.92e-003	2.98e-002	-9.71e-003	-4.82
	418	-1.55e-004	-5.92e-003	7.47e-003	9.28e-002	-2.28e-002	-4.78
	419	-2.00e-004	-5.92e-003	5.17e-003	0.34	-0.14	-4.92
	220	1.85e-004	1.20e-005	5.63e-003	-8.12e-002	-2.43e-002	-4.96
254	219	2.63e-004	1.71e-005	5.58e-003	-3.50e-003	-5.91e-003	-4.74
	417	-2.61e-004	-8.04e-003	5.13e-003	3.56e-002	-2.30e-002	-4.74
	418	-2.93e-004	-8.04e-003	7.48e-003	8.49e-002	-4.03e-002	-4.78
	379	2.31e-004	1.50e-005	7.93e-003	-2.43e-002	-7.77e-003	-4.79
255	376	8.66e-004	5.63e-005	9.96e-003	-3.09e-002	-1.21e-002	-4.67
	416	1.86e-004	-1.04e-002	1.00e-002	7.38e-002	-5.86e-002	-4.67
	417	-4.18e-004	-1.05e-002	4.59e-003	3.00e-002	-1.98e-002	-4.73
	219	2.63e-004	1.71e-005	4.54e-003	-1.08e-004	-5.04e-003	-4.73
256	218	-5.06e-004	-3.29e-005	-2.19e-003	-5.93e-002	-2.87e-002	-4.47
	415	-1.31e-003	-1.24e-002	-3.13e-003	0.26	-0.17	-4.51
	416	6.14e-005	-1.23e-002	1.26e-002	6.63e-002	-3.88e-002	-4.66
	376	8.66e-004	5.63e-005	1.35e-002	2.75e-002	-1.37e-002	-4.63
257	375	-3.26e-002	-2.12e-003	5.15e-002	6.40e-002	-2.38e-002	-3.99
	414	-3.44e-002	-2.95e-002	3.73e-002	0.76	-0.26	-4.11
	415	-2.29e-003	-2.74e-002	-1.62e-002	0.27	-0.18	-4.45
	218	-5.06e-004	-3.29e-005	-1.92e-003	0.10	-5.53e-002	-4.33
258	190	-3.79e-003	-2.46e-004	3.74e-002	4.95	0.78	-3.29
	393	-7.52e-003	-5.76e-002	-0.14	0.18	1.42	-4.17
	414	-3.64e-002	-5.94e-002	8.99e-003	1.05	-1.17	-3.98
	375	-3.26e-002	-2.12e-003	0.19	0.57	-0.48	-3.10
259	402	-9.54e-003	2.24e-002	-9.38e-003	1.48	5.10	-7.42
	412	-1.02e-002	1.23e-002	-7.22e-003	-0.40	3.39	-7.27
	413	6.39e-004	1.30e-002	-1.40e-002	3.70	15.86	-3.98
	403	1.29e-003	2.31e-002	-1.61e-002	-1.02	9.50	-4.13
260	401	2.99e-003	2.24e-002	8.40e-003	0.70	1.65	-10.04
	411	3.22e-003	2.60e-002	-4.45e-004	-6.54e-002	1.33	-9.90
	412	-9.37e-003	2.51e-002	-4.21e-003	-0.23	5.87	-8.36
	402	-9.60e-003	2.16e-002	4.63e-003	1.75	3.63	-8.50
261	400	-9.68e-004	1.27e-002	5.29e-003	0.30	0.55	-10.87
	410	-4.61e-004	2.05e-002	1.38e-003	-3.99e-003	0.44	-10.79
	411	2.88e-003	2.07e-002	6.86e-004	-0.11	2.05	-10.21
	401	2.37e-003	1.29e-002	4.60e-003	0.82	1.24	-10.29
262	399	1.35e-004	8.33e-003	5.69e-003	0.11	0.16	-11.15
	409	3.74e-004	1.20e-002	2.23e-003	3.57e-003	0.10	-11.12
	410	-1.02e-003	1.19e-002	2.87e-003	-3.84e-002	0.71	-10.91
	400	-1.26e-003	8.24e-003	6.33e-003	0.33	0.40	-10.94
263	398	2.05e-004	1.72e-003	6.36e-003	2.25e-002	-3.00e-002	-11.23
	408	2.80e-004	2.88e-003	1.98e-003	2.89e-003	-7.65e-002	-11.21
	409	-2.22e-004	2.84e-003	1.51e-003	-1.29e-002	0.21	-11.16
	399	-2.97e-004	1.69e-003	5.89e-003	0.12	0.10	-11.17
264	397	3.04e-004	-3.96e-003	5.98e-003	3.36e-004	-0.24	-11.20
	407	1.57e-004	-6.23e-003	1.60e-003	1.11e-003	-0.31	-11.20
	408	-3.14e-004	-6.26e-003	1.97e-003	8.39e-004	-2.82e-002	-11.22
	398	-1.66e-004	-3.99e-003	6.35e-003	3.39e-002	-6.72e-002	-11.22
265	396	1.14e-003	-1.05e-002	6.17e-003	0.12	-0.73	-11.10
	406	8.20e-004	-1.53e-002	2.57e-003	1.94e-002	-0.82	-11.14
	407	-4.41e-004	-1.54e-002	2.30e-003	3.02e-002	-0.31	-11.19
	397	-1.23e-004	-1.05e-002	5.90e-003	3.52e-002	-0.32	-11.16
266	395	-2.22e-003	-1.50e-002	5.83e-003	0.58	-1.88	-10.88
	405	-2.84e-003	-2.45e-002	1.75e-003	0.26	-2.16	-11.06
	406	2.35e-004	-2.43e-002	1.16e-003	0.15	-0.88	-11.17

	396	8.54e-004	-1.48e-002	5.24e-003	0.23	-0.98	-11.00
267	394	6.31e-003	-2.31e-002	4.14e-003	9.98e-001	-4.35	-9.89
	404	5.82e-003	-3.06e-002	-5.17e-003	1.44	-6.86	-10.28
	405	-3.27e-003	-3.12e-002	9.86e-004	0.63	-1.70	-11.24
	395	-2.78e-003	-2.37e-002	1.03e-002	0.90	-2.92	-10.84
268	353	1.99e-002	-2.86e-002	-8.96e-003	13.26	-7.63	-3.57
	363	2.09e-002	-1.32e-002	-2.34e-002	-8.25	-23.68	-4.21
	404	6.90e-003	-1.41e-002	-2.28e-002	2.23	0.63	-9.25
	394	5.90e-003	-2.95e-002	-8.32e-003	2.22	-7.19	-8.61
269	392	-3.05e-002	5.31e-002	-1.36e-002	0.96	2.50	-7.83
	402	-3.26e-002	2.09e-002	1.24e-002	1.64	4.24	-7.66
	403	-6.06e-004	2.30e-002	-4.21e-002	2.47	8.15	-4.52
	393	1.49e-003	5.52e-002	-6.81e-002	1.16	5.52	-4.69
270	391	-5.10e-004	2.50e-002	-7.75e-003	0.50	0.79	-10.36
	401	-6.91e-004	2.22e-002	2.76e-003	0.84	1.48	-10.11
	402	-3.26e-002	2.01e-002	2.64e-002	0.23	2.86	-8.84
	392	-3.25e-002	2.29e-002	1.59e-002	2.13	1.94	-9.09
271	390	-4.98e-004	6.81e-003	1.36e-002	0.23	0.23	-11.02
	400	-1.13e-004	1.27e-002	9.43e-003	0.36	0.49	-10.89
	401	-1.31e-003	1.27e-002	-1.04e-003	0.24	0.97	-10.48
	391	-1.70e-003	6.73e-003	3.13e-003	0.83	0.69	-10.60
272	389	2.65e-004	4.21e-003	7.05e-003	8.55e-002	5.14e-002	-11.22
	399	5.34e-004	8.36e-003	6.63e-003	0.14	0.14	-11.16
	400	-4.02e-004	8.30e-003	1.05e-002	0.13	0.31	-11.03
	390	-6.71e-004	4.15e-003	1.09e-002	0.33	0.23	-11.09
273	388	1.08e-004	8.41e-004	9.35e-003	8.59e-003	-3.72e-002	-11.26
	398	1.65e-004	1.72e-003	8.50e-003	5.73e-002	-2.49e-002	-11.23
	399	1.02e-004	1.71e-003	6.83e-003	4.57e-002	6.97e-002	-11.21
	389	4.53e-005	8.37e-004	7.67e-003	0.12	5.43e-002	-11.24
274	387	2.31e-006	-1.96e-003	7.79e-003	-2.59e-002	-0.17	-11.18
	397	-1.29e-004	-3.99e-003	6.97e-003	6.05e-002	-0.22	-11.18
	398	-2.06e-004	-3.99e-003	8.49e-003	5.34e-003	-6.90e-002	-11.24
	388	-7.43e-005	-1.97e-003	9.31e-003	4.74e-002	-3.90e-002	-11.24
275	386	5.73e-004	-5.24e-003	1.04e-002	6.30e-002	-0.54	-10.92
	396	2.30e-004	-1.05e-002	1.01e-002	0.26	-0.65	-10.99
	397	-5.57e-004	-1.06e-002	6.89e-003	3.03e-002	-0.30	-11.17
	387	-2.14e-004	-5.29e-003	7.26e-003	8.79e-002	-0.18	-11.09
276	385	1.37e-003	-7.39e-003	4.19e-003	0.71	-1.54	-10.22
	395	8.90e-004	-1.48e-002	6.30e-004	1.16	-1.66	-10.59
	396	-5.28e-005	-1.49e-002	9.16e-003	0.29	-0.97	-10.99
	386	4.29e-004	-7.46e-003	1.27e-002	0.45	-0.57	-10.62
277	384	3.32e-002	-2.11e-002	1.26e-002	3.05	-3.15	-8.38
	394	3.32e-002	-2.13e-002	2.42e-002	4.75	-3.20	-9.74
	395	3.27e-004	-2.35e-002	5.10e-003	1.33	-3.14	-10.75
	385	3.44e-004	-2.32e-002	-6.48e-003	1.99	-1.90	-9.38
278	343	1.74e-002	-5.21e-002	-5.45e-002	17.25	3.28	-2.89
	353	1.89e-002	-2.86e-002	-3.27e-002	-1.12	-4.87	-4.59
	394	3.28e-002	-2.77e-002	1.18e-002	3.73	-6.23	-8.40
	384	3.13e-002	-5.12e-002	-1.00e-002	5.90	-7.88	-6.70
279	372	2.48e-002	1.61e-003	0.19	8.91e-002	8.38e-002	-8.86
	392	2.84e-002	5.70e-002	1.68e-002	1.66	1.29	-7.86
	393	-1.95e-004	5.51e-002	-0.14	2.66	4.50	-4.67
	190	-3.79e-003	-2.46e-004	3.65e-002	2.71	1.28	-5.67
280	217	-6.93e-004	-4.51e-005	-5.52e-004	-4.35e-002	7.80e-002	-10.45
	391	9.38e-004	2.51e-002	-1.17e-002	0.58	0.61	-10.34
	392	2.64e-002	2.67e-002	4.63e-002	5.71e-002	1.23	-9.29
	372	2.48e-002	1.61e-003	5.75e-002	0.90	0.34	-9.40

281	371	-6.87e-004	-4.46e-005	1.78e-002	-4.57e-003	2.34e-002	-11.06
	390	-2.40e-004	6.83e-003	1.63e-002	0.25	0.17	-11.02
	391	-2.47e-004	6.83e-003	-8.48e-004	0.14	0.44	-10.67
	217	-6.93e-004	-4.51e-005	6.13e-004	0.28	0.12	-10.72
282	216	4.20e-006	2.73e-007	7.66e-003	-3.10e-003	2.63e-003	-11.25
	389	2.78e-004	4.22e-003	7.52e-003	0.10	3.98e-002	-11.22
	390	-4.13e-004	4.17e-003	1.36e-002	8.72e-002	0.14	-11.13
	371	-6.87e-004	-4.46e-005	1.38e-002	0.10	4.15e-002	-11.15
283	368	1.12e-005	7.27e-007	1.13e-002	-2.09e-002	-8.41e-003	-11.26
	388	6.56e-005	8.38e-004	1.08e-002	5.66e-002	-2.46e-002	-11.25
	389	5.86e-005	8.38e-004	8.13e-003	3.71e-002	3.06e-002	-11.25
	216	4.20e-006	2.73e-007	8.68e-003	3.81e-002	1.16e-002	-11.27
284	215	3.97e-005	2.58e-006	8.82e-003	-6.97e-002	-2.82e-002	-11.14
	387	-8.82e-005	-1.97e-003	8.26e-003	0.11	-0.12	-11.15
	388	-1.17e-004	-1.97e-003	1.07e-002	9.64e-003	-3.33e-002	-11.25
	368	1.12e-005	7.27e-007	1.13e-002	2.53e-002	-4.57e-003	-11.24
285	367	6.37e-004	4.14e-005	1.32e-002	-0.19	-8.12e-002	-10.71
	386	2.93e-004	-5.26e-003	1.31e-002	0.42	-0.41	-10.76
	387	-3.05e-004	-5.30e-003	7.73e-003	3.49e-002	-0.14	-11.10
	215	3.97e-005	2.58e-006	7.85e-003	5.95e-002	-3.11e-002	-11.06
286	214	-1.54e-005	-9.98e-007	1.35e-003	-0.35	-0.20	-9.35
	385	-5.04e-004	-7.52e-003	2.33e-005	1.53	-1.21	-9.58
	386	1.49e-004	-7.47e-003	1.54e-002	0.28	-0.42	-10.64
	367	6.37e-004	4.14e-005	1.67e-002	0.21	-0.12	-10.41
287	364	-2.18e-002	-1.42e-003	5.20e-002	0.28	-0.24	-5.74
	384	-2.33e-002	-2.47e-002	4.04e-002	4.94	-2.46	-6.66
	385	-1.53e-003	-2.33e-002	-1.07e-002	1.44	-1.44	-9.29
	214	-1.54e-005	-9.98e-007	1.01e-003	0.73	-0.45	-8.36
288	187	2.73e-002	1.77e-003	4.37e-002	22.87	3.54	0.67
	343	2.38e-002	-5.16e-002	-0.11	3.93	4.27	-4.22
	384	-2.53e-002	-5.48e-002	1.77e-002	6.11	-6.63	-5.66
	364	-2.18e-002	-1.42e-003	0.17	3.19	-2.90	-0.77
329	352	-9.08e-003	2.04e-002	-1.00e-002	3.25	-0.27	-0.99
	362	-1.01e-002	4.37e-003	-9.40e-003	1.11	2.95	-0.16
	363	2.22e-002	6.47e-003	-9.39e-003	-0.49	0.95	0.29
	353	2.32e-002	2.25e-002	-1.00e-002	8.25	4.35	-0.54
330	351	3.06e-003	2.03e-002	5.44e-003	1.17	-0.34	-2.49
	361	3.28e-003	2.38e-002	-9.15e-004	0.18	-0.25	-2.08
	362	-8.91e-003	2.30e-002	-5.46e-003	0.34	1.26	-1.06
	352	-9.14e-003	1.96e-002	8.98e-004	2.77	0.37	-1.47
331	350	-5.17e-004	1.51e-002	1.69e-003	0.34	-6.04e-002	-3.07
	360	5.56e-005	2.39e-002	-5.83e-004	1.18e-003	-0.27	-2.93
	361	3.30e-003	2.41e-002	-1.01e-003	-5.05e-002	0.50	-2.49
	351	2.73e-003	1.53e-002	1.26e-003	0.99	-0.15	-2.63
332	349	-2.64e-004	1.42e-002	1.40e-003	7.79e-002	-7.81e-003	-3.19
	359	1.74e-004	2.10e-002	8.78e-004	-9.65e-003	-0.10	-3.16
	360	-1.38e-004	2.09e-002	1.54e-003	-4.34e-002	0.13	-3.03
	350	-5.76e-004	1.42e-002	2.06e-003	0.25	-0.10	-3.06
333	348	-1.12e-004	1.17e-002	2.09e-003	6.57e-003	-6.87e-003	-3.20
	358	2.85e-004	1.78e-002	7.14e-004	-1.86e-003	-4.69e-002	-3.20
	359	-3.06e-005	1.78e-002	1.93e-004	-1.28e-002	2.36e-002	-3.17
	349	-4.27e-004	1.17e-002	1.57e-003	4.99e-002	-3.95e-002	-3.18
334	347	8.38e-005	9.86e-003	1.53e-003	-3.22e-002	-2.46e-002	-3.18
	357	3.92e-004	1.46e-002	1.60e-004	6.07e-003	-6.99e-002	-3.17
	358	7.26e-005	1.46e-002	7.24e-004	7.95e-004	3.17e-003	-3.19
	348	-2.35e-004	9.84e-003	2.09e-003	-1.75e-003	-2.36e-002	-3.20
335	346	1.36e-004	7.36e-003	2.18e-003	-0.12	-9.11e-002	-3.10

	356	4.03e-004	1.15e-002	1.68e-003	2.09e-002	-0.21	-3.08
	357	1.87e-004	1.15e-002	8.38e-004	1.20e-002	-1.56e-003	-3.16
	347	-7.98e-005	7.34e-003	1.34e-003	-3.52e-002	-4.25e-002	-3.18
336	345	-3.82e-003	6.23e-003	1.19e-003	-0.37	-0.34	-2.85
	355	-3.69e-003	8.26e-003	-1.50e-003	4.80e-002	-0.67	-2.80
	356	2.11e-004	8.51e-003	-6.17e-004	3.37e-002	-2.88e-002	-3.03
	346	7.90e-005	6.49e-003	2.08e-003	-0.11	-0.12	-3.08
337	344	9.05e-003	2.83e-003	3.56e-003	-0.92	-1.30	-2.15
	354	9.41e-003	8.42e-003	-4.66e-003	2.53e-002	-2.05	-2.03
	355	-3.73e-003	7.57e-003	-1.92e-003	7.69e-002	-0.23	-2.63
	345	-4.10e-003	1.98e-003	6.30e-003	-0.32	-0.36	-2.76
338	323	-2.53e-003	1.07e-003	-1.62e-002	-0.96	-4.32	-0.60
	333	-9.17e-004	2.58e-002	-1.49e-002	-0.64	-5.49	-0.44
	354	1.06e-002	2.66e-002	-9.47e-003	0.17	-1.36	-1.57
	344	8.98e-003	1.82e-003	-1.08e-002	-0.66	-1.29	-1.73
339	342	-2.47e-002	4.21e-002	-1.74e-002	4.63	-3.80	-3.17
	352	-2.62e-002	1.93e-002	8.60e-003	4.21	-0.80	-1.33
	353	2.23e-002	2.24e-002	-3.38e-002	3.21	4.86	-0.73
	343	2.37e-002	4.53e-002	-5.98e-002	13.96	7.90	-2.58
340	341	-1.92e-003	1.99e-002	-1.26e-002	1.59	-0.34	-3.60
	351	-1.92e-003	2.00e-002	-3.74e-005	1.48	-0.50	-2.62
	352	-2.62e-002	1.84e-002	1.95e-002	2.81	0.21	-2.15
	342	-2.62e-002	1.84e-002	7.02e-003	4.13	-0.40	-3.13
341	340	-2.63e-004	7.84e-003	6.52e-003	0.38	-2.00e-002	-3.33
	350	2.13e-004	1.52e-002	3.90e-003	0.38	-6.09e-002	-3.11
	351	-2.25e-003	1.50e-002	-4.22e-003	0.69	-0.29	-3.01
	341	-2.72e-003	7.68e-003	-1.60e-003	0.90	-0.43	-3.24
342	339	1.53e-005	7.02e-003	1.49e-003	7.80e-002	-3.22e-003	-3.25
	349	4.86e-004	1.43e-002	1.42e-003	8.69e-002	-2.15e-003	-3.20
	350	1.54e-004	1.43e-002	4.28e-003	0.15	-0.14	-3.19
	340	-3.17e-004	7.00e-003	4.35e-003	0.19	-0.15	-3.24
343	338	-1.48e-004	5.87e-003	3.16e-003	5.01e-003	-4.23e-003	-3.22
	348	2.35e-004	1.18e-002	2.86e-003	1.56e-002	-1.72e-003	-3.21
	349	3.23e-004	1.18e-002	1.59e-003	2.42e-002	-4.98e-002	-3.21
	339	-5.94e-005	5.87e-003	1.90e-003	3.35e-002	-4.11e-002	-3.23
344	337	-3.00e-004	4.90e-003	1.86e-003	-3.21e-002	-1.05e-002	-3.20
	347	2.20e-005	9.86e-003	1.54e-003	-4.46e-003	-1.34e-002	-3.19
	348	1.12e-004	9.86e-003	2.86e-003	-7.87e-003	-2.51e-002	-3.21
	338	-2.10e-004	4.91e-003	3.18e-003	-3.03e-003	-1.45e-002	-3.21
345	336	2.64e-005	3.78e-003	4.50e-003	-0.12	-3.60e-002	-3.16
	346	2.59e-004	7.37e-003	4.43e-003	-2.73e-002	-5.65e-002	-3.14
	347	-1.42e-004	7.34e-003	1.35e-003	-4.01e-002	-4.06e-002	-3.18
	337	-3.74e-004	3.76e-003	1.41e-003	-2.89e-002	-1.89e-002	-3.20
346	335	2.64e-003	3.22e-003	-2.16e-003	-0.38	-0.14	-3.01
	345	2.87e-003	6.67e-003	-4.46e-003	-9.15e-002	-0.24	-2.95
	346	2.03e-004	6.49e-003	4.33e-003	-0.13	-0.11	-3.09
	336	-2.13e-005	3.05e-003	6.63e-003	-0.10	-5.84e-002	-3.15
347	334	2.72e-002	-7.08e-003	6.78e-003	-1.28	-0.62	-2.47
	344	2.79e-002	4.06e-003	2.19e-002	-0.28	-1.02	-2.28
	345	2.59e-003	2.41e-003	6.45e-004	-0.38	-0.30	-2.78
	335	1.87e-003	-8.73e-003	-1.45e-002	-0.32	-0.18	-2.98
348	313	-9.43e-003	-3.64e-002	-6.45e-002	-2.10	-3.12	-0.69
	323	-7.02e-003	7.82e-004	-3.88e-002	-0.85	-3.88	-0.44
	344	2.79e-002	3.05e-003	7.56e-003	-0.86	-1.01	-1.77
	334	2.55e-002	-3.41e-002	-1.81e-002	-0.72	-0.28	-2.03
349	302	2.86e-002	1.86e-003	0.15	2.54	-1.69	-8.13
	342	3.15e-002	4.58e-002	3.76e-003	5.42	-4.05	-3.67

	343	3.02e-002	4.57e-002	-0.12	7.14	7.49	-1.74
	187	2.73e-002	1.77e-003	2.61e-002	19.28	3.49	-6.20
350	213	7.52e-004	4.89e-005	-3.26e-003	0.34	-0.13	-4.14
	341	2.06e-003	2.02e-002	-1.55e-002	1.29	-0.18	-3.68
	342	2.99e-002	2.20e-002	2.81e-002	2.84	-0.62	-4.45
	302	2.86e-002	1.86e-003	4.04e-002	0.56	2.14e-002	-4.91
351	301	-6.88e-004	-4.47e-005	8.31e-003	9.33e-002	-2.53e-002	-3.46
	340	-1.76e-004	7.84e-003	7.85e-003	0.31	6.10e-003	-3.34
	341	1.26e-003	7.94e-003	-4.59e-003	0.93	-0.40	-3.69
	213	7.52e-004	4.89e-005	-4.12e-003	-8.66e-002	-5.20e-002	-3.81
352	212	-2.09e-004	-1.36e-005	1.15e-003	2.14e-002	-4.82e-003	-3.27
	339	2.50e-004	7.04e-003	1.44e-003	6.53e-002	2.53e-003	-3.25
	340	-2.30e-004	7.01e-003	5.68e-003	0.24	-0.13	-3.35
	301	-6.88e-004	-4.47e-005	5.39e-003	-6.57e-002	-2.20e-002	-3.38
353	298	-1.73e-004	-1.12e-005	3.90e-003	2.84e-003	-1.57e-003	-3.23
	338	2.11e-004	5.89e-003	3.70e-003	9.00e-003	-1.85e-003	-3.22
	339	1.75e-004	5.89e-003	1.85e-003	5.53e-002	-3.33e-002	-3.25
	212	-2.09e-004	-1.36e-005	2.04e-003	-2.29e-002	-6.49e-003	-3.26
354	211	-1.45e-004	-9.44e-006	1.99e-003	-7.00e-003	-2.33e-003	-3.21
	337	1.76e-004	4.93e-003	1.80e-003	-9.16e-003	-5.07e-003	-3.21
	338	1.49e-004	4.93e-003	3.71e-003	4.17e-003	-1.12e-002	-3.22
	298	-1.73e-004	-1.12e-005	3.91e-003	-7.47e-003	-1.86e-003	-3.22
355	297	2.98e-004	1.93e-005	5.54e-003	-3.08e-002	-7.78e-003	-3.19
	336	5.44e-004	3.82e-003	5.84e-003	-3.30e-002	-1.65e-002	-3.18
	337	1.01e-004	3.79e-003	1.35e-003	-2.64e-002	-1.53e-002	-3.20
	211	-1.45e-004	-9.44e-006	1.05e-003	-4.66e-003	-1.06e-003	-3.21
356	210	-1.55e-003	-1.00e-004	-4.62e-003	-0.13	-3.03e-002	-3.11
	335	-1.35e-003	2.96e-003	-5.24e-003	-8.65e-002	-6.74e-002	-3.08
	336	4.97e-004	3.08e-003	7.97e-003	-0.10	-4.90e-002	-3.15
	297	2.98e-004	1.93e-005	8.59e-003	-8.67e-003	-2.14e-003	-3.18
357	294	-3.22e-002	-2.09e-003	4.21e-002	-0.51	-0.12	-2.74
	334	-3.28e-002	-1.10e-002	2.80e-002	-0.12	-0.33	-2.67
	335	-2.12e-003	-8.99e-003	-1.76e-002	-0.31	-0.16	-2.98
	210	-1.55e-003	-1.00e-004	-3.50e-003	-1.31e-002	-8.60e-003	-3.06
358	181	-1.37e-002	-8.92e-004	3.38e-002	-3.13	-0.84	-1.26
	313	-1.61e-002	-3.68e-002	-0.12	-1.45	-2.59	-0.49
	334	-3.46e-002	-3.80e-002	3.10e-003	-1.09	9.31e-002	-2.07
	294	-3.22e-002	-2.09e-003	0.16	-0.25	0.13	-2.84
359	322	-1.00e-002	4.75e-002	2.09e-003	-0.77	-1.58	1.14
	332	-9.31e-003	5.82e-002	7.06e-004	-1.63e-002	-1.81	1.08
	333	1.23e-003	5.89e-002	-1.07e-002	-0.16	-4.92	0.12
	323	5.33e-004	4.82e-002	-9.29e-003	-1.19	-4.00	0.18
360	321	3.18e-003	3.96e-002	1.71e-002	-0.38	-0.46	2.06
	331	4.12e-003	5.41e-002	1.91e-003	-2.55e-002	-0.46	1.96
	332	-9.64e-003	5.32e-002	8.44e-004	-3.61e-002	-1.99	1.39
	322	-1.06e-002	3.87e-002	1.61e-002	-0.86	-1.32	1.49
361	320	-5.25e-004	2.16e-002	1.48e-002	-0.15	-0.15	2.42
	330	2.76e-004	3.39e-002	4.14e-003	-8.29e-003	-0.11	2.37
	331	2.82e-003	3.40e-002	2.80e-003	2.18e-002	-0.72	2.12
	321	2.02e-003	2.17e-002	1.34e-002	-0.42	-0.40	2.17
362	319	4.73e-004	8.25e-003	1.45e-002	-5.75e-002	-2.74e-002	2.53
	329	7.08e-004	1.19e-002	4.74e-003	-9.60e-004	-5.99e-003	2.51
	330	-1.16e-003	1.18e-002	5.65e-003	1.51e-002	-0.24	2.42
	320	-1.40e-003	8.13e-003	1.54e-002	-0.16	-0.11	2.44
363	318	7.18e-004	-7.24e-003	1.53e-002	-4.45e-002	5.59e-002	2.57
	328	4.98e-004	-1.06e-002	4.70e-003	5.25e-003	5.50e-002	2.57
	329	-7.59e-004	-1.07e-002	4.08e-003	4.26e-003	-4.87e-002	2.53

	319	-5.39e-004	-7.32e-003	1.47e-002	-6.14e-002	-9.86e-003		2.53
364	317	1.02e-003	-2.19e-002	1.47e-002	-0.15	0.20		2.61
	327	2.82e-004	-3.31e-002	4.13e-003	1.97e-002	0.13		2.63
	328	-9.70e-004	-3.32e-002	4.70e-003	-7.82e-003	7.77e-002		2.58
	318	-2.37e-004	-2.19e-002	1.53e-002	-5.85e-002	6.66e-002		2.55
365	316	2.15e-003	-3.72e-002	1.52e-002	-0.60	0.52		2.77
	326	9.59e-004	-5.56e-002	5.52e-003	3.00e-002	0.24		2.87
	327	-1.18e-003	-5.57e-002	4.79e-003	-4.64e-002	0.29		2.67
	317	6.19e-006	-3.74e-002	1.45e-002	-0.19	0.23		2.57
366	315	-3.43e-004	-5.13e-002	1.27e-002	-1.97	1.12		3.33
	325	-2.03e-003	-7.73e-002	2.93e-003	-0.21	0.46		3.69
	326	-4.47e-004	-7.72e-002	4.19e-003	-0.22	0.71		3.08
	316	1.24e-003	-5.12e-002	1.39e-002	-0.74	0.72		2.71
367	314	1.13e-002	-7.00e-002	1.11e-002	-3.94	1.57		4.29
	324	9.78e-003	-9.30e-002	-1.14e-003	-1.67	2.35		5.03
	325	-3.11e-003	-9.38e-002	2.20e-003	-0.86	0.73		4.37
	315	-1.62e-003	-7.09e-002	1.45e-002	-2.27	2.16		3.62
368	277	-3.27e-002	-8.18e-002	-3.67e-003	-19.76	-1.24		1.44
	283	-3.38e-002	-0.10	-1.26e-004	11.35	13.51		1.95
	324	9.62e-003	-0.10	4.86e-003	-2.51	-5.96		4.43
	314	1.07e-002	-7.90e-002	1.32e-003	-5.16	3.29		3.93
369	312	-2.73e-002	6.11e-002	2.28e-003	-0.91	-0.42		1.42
	322	-2.82e-002	4.63e-002	2.50e-002	-1.00	-1.33		1.24
	323	-3.96e-003	4.79e-002	-3.19e-002	-0.46	-3.59	6.42e-002	
	313	-2.99e-003	6.27e-002	-5.46e-002	-2.36	-3.05		0.24
370	311	-6.28e-004	3.11e-002	4.31e-003	-0.40	-0.19		2.33
	321	-9.16e-005	3.94e-002	1.44e-002	-0.49	-0.36		2.10
	322	-2.88e-002	3.75e-002	3.90e-002	-0.51	-1.08		1.60
	312	-2.93e-002	2.93e-002	2.90e-002	-1.24	-0.64		1.83
371	310	-3.47e-004	1.12e-002	2.57e-002	-0.14	-5.04e-002		2.51
	320	3.29e-004	2.16e-002	2.12e-002	-0.19	-0.12		2.43
	321	-1.25e-003	2.15e-002	1.07e-002	-0.20	-0.29		2.27
	311	-1.93e-003	1.11e-002	1.52e-002	-0.44	-0.18		2.36
372	309	4.55e-004	4.11e-003	1.94e-002	-4.84e-002	2.12e-003		2.56
	319	7.26e-004	8.26e-003	1.80e-002	-7.20e-002	-2.18e-002		2.53
	320	-5.44e-004	8.18e-003	2.18e-002	-7.77e-002	-7.59e-002		2.49
	310	-8.14e-004	4.03e-003	2.32e-002	-0.15	-4.80e-002		2.52
373	308	4.77e-004	-3.62e-003	2.16e-002	-2.96e-002	4.91e-002		2.55
	318	2.39e-004	-7.27e-003	1.99e-002	-5.20e-002	5.46e-002		2.55
	319	-2.86e-004	-7.30e-003	1.82e-002	-3.45e-002	3.82e-004		2.55
	309	-4.87e-005	-3.65e-003	2.00e-002	-6.15e-002	2.41e-003		2.55
374	307	5.32e-004	-1.09e-002	2.00e-002	-0.11	0.16		2.49
	317	-1.84e-004	-2.19e-002	1.82e-002	-0.14	0.20		2.52
	318	-7.16e-004	-2.20e-002	1.98e-002	-5.60e-002	6.65e-002		2.56
	308	2.50e-007	-1.09e-002	2.16e-002	-6.88e-002	5.36e-002		2.52
375	306	1.36e-003	-1.87e-002	2.30e-002	-0.51	0.51		2.31
	316	1.48e-004	-3.74e-002	2.15e-002	-0.53	0.55		2.49
	317	-1.19e-003	-3.75e-002	1.80e-002	-0.23	0.23		2.56
	307	2.09e-005	-1.88e-002	1.95e-002	-0.24	0.17		2.38
376	305	2.77e-003	-2.62e-002	1.62e-002	-2.16	1.40		1.95
	315	1.15e-003	-5.12e-002	1.07e-002	-2.03	1.18		2.65
	316	-7.58e-004	-5.13e-002	2.02e-002	-0.90	0.77		2.67
	306	8.64e-004	-2.63e-002	2.57e-002	-0.98	0.50		1.97
377	304	2.66e-002	-4.78e-002	2.95e-002	-7.76	2.20		1.26
	314	2.52e-002	-6.91e-002	3.40e-002	-7.34	0.91		3.66
	315	-1.24e-004	-7.08e-002	1.25e-002	-3.13	2.72		3.38
	305	1.26e-003	-4.94e-002	8.02e-003	-3.71	1.75		0.98

378	271	-3.19e-002	-8.02e-002	-4.70e-002	-30.89	-13.46	-0.93
	277	-3.20e-002	-8.17e-002	-2.52e-002	0.54	-3.44	2.04
	314	2.47e-002	-7.81e-002	2.42e-002	-7.94	3.09	3.34
	304	2.48e-002	-7.66e-002	2.37e-003	-10.39	9.18	0.37
379	292	2.50e-002	1.63e-003	0.19	-0.29	0.21	2.36
	312	2.91e-002	6.48e-002	2.95e-002	-1.25	-2.83e-002	1.52
	313	-9.62e-003	6.23e-002	-0.12	-1.11	-2.56	4.47e-002
	181	-1.37e-002	-8.92e-004	4.71e-002	-3.53	-0.93	0.88
380	209	-5.23e-004	-3.40e-005	1.45e-002	-3.84e-002	1.65e-003	2.45
	311	1.51e-003	3.13e-002	2.69e-003	-0.39	-0.15	2.33
	312	2.71e-002	3.29e-002	5.62e-002	-0.40	-0.37	2.06
	292	2.50e-002	1.63e-003	6.80e-002	-0.46	-0.14	2.18
381	291	-7.18e-004	-4.67e-005	3.17e-002	-1.41e-002	3.43e-004	2.55
	310	1.51e-005	1.12e-002	2.97e-002	-0.14	-4.10e-002	2.51
	311	2.10e-004	1.13e-002	1.36e-002	-0.19	-9.19e-002	2.45
	209	-5.23e-004	-3.40e-005	1.56e-002	-0.11	-3.68e-002	2.49
382	208	7.73e-005	5.02e-006	2.25e-002	4.84e-004	2.89e-003	2.57
	309	3.43e-004	4.10e-003	2.14e-002	-5.82e-002	7.17e-004	2.56
	310	-4.52e-004	4.05e-003	2.72e-002	-7.40e-002	-2.36e-002	2.55
	291	-7.18e-004	-4.67e-005	2.82e-002	-3.20e-002	-1.05e-002	2.56
383	288	2.33e-004	1.51e-005	2.59e-002	1.95e-002	8.26e-003	2.53
	308	-5.06e-006	-3.65e-003	2.46e-002	-6.63e-002	3.64e-002	2.53
	309	-1.61e-004	-3.66e-003	2.20e-002	-3.27e-002	6.11e-003	2.56
	208	7.73e-005	5.02e-006	2.34e-002	-1.56e-002	-4.78e-004	2.56
384	207	4.28e-004	2.78e-005	2.35e-002	6.32e-002	2.40e-002	2.39
	307	-2.86e-004	-1.10e-002	2.21e-002	-0.20	0.13	2.41
	308	-4.81e-004	-1.10e-002	2.46e-002	-4.45e-002	4.21e-002	2.53
	288	2.33e-004	1.51e-005	2.59e-002	-2.68e-002	9.74e-003	2.51
385	287	1.26e-003	8.19e-005	2.81e-002	0.16	6.78e-002	1.92
	306	3.47e-005	-1.88e-002	2.71e-002	-0.74	0.42	2.02
	307	-7.97e-004	-1.88e-002	2.16e-002	-0.17	0.13	2.39
	207	4.28e-004	2.78e-005	2.26e-002	-8.75e-002	3.71e-002	2.30
386	206	2.18e-003	1.41e-004	1.68e-002	0.19	0.15	0.46
	305	4.53e-004	-2.64e-002	1.46e-002	-2.51	1.24	0.85
	306	-4.63e-004	-2.64e-002	2.98e-002	-0.75	0.35	1.99
	287	1.26e-003	8.19e-005	3.20e-002	-0.30	0.14	1.60
387	284	-1.90e-002	-1.23e-003	6.85e-002	-1.56	-7.63e-002	-3.28
	304	-2.22e-002	-5.10e-002	5.99e-002	-7.73	2.12	-1.74
	305	-1.05e-003	-4.96e-002	6.49e-003	-3.00	1.29	0.86
	206	2.18e-003	1.41e-004	1.51e-002	-1.06	0.55	-0.68
388	176	-3.97e-002	-2.58e-003	3.24e-002	-43.41	-7.81	-8.43
	271	-4.48e-002	-8.11e-002	-0.11	-9.27	-13.51	1.24
	304	-2.41e-002	-7.97e-002	3.28e-002	-12.00	8.91	-1.21
	284	-1.90e-002	-1.23e-003	0.18	-5.45	4.68	-10.88
429	276	-5.59e-003	-5.01e-002	1.46e-002	-5.67	3.36	-5.45
	282	-8.61e-003	-0.10	-9.52e-003	-2.31	-5.94	-5.94
	283	-3.38e-002	-0.10	-2.12e-002	10.90	13.65	-3.62
	277	-3.07e-002	-5.17e-002	2.86e-003	-19.50	-1.05	-3.13
430	275	5.09e-003	-7.54e-002	3.30e-002	-4.08	2.78	-4.57
	281	2.51e-003	-0.12	7.60e-003	-0.78	0.38	-5.05
	282	-9.86e-003	-0.12	4.75e-003	-1.97	2.62	-6.46
	276	-7.28e-003	-7.63e-002	3.02e-002	-4.41	1.79	-5.98
431	274	-8.05e-004	-0.11	2.90e-002	-5.88	1.71	-1.60
	280	-4.08e-003	-0.16	5.82e-003	-0.58	-0.76	-1.13
	281	-1.27e-004	-0.16	7.00e-003	-0.74	1.30	-3.80
	275	3.14e-003	-0.11	3.02e-002	-4.03	1.95	-4.27
432	273	6.10e-003	-0.13	4.03e-002	-10.86	-0.27	2.78

	279	1.47e-003	-0.20	1.74e-002	-3.48	-2.23	4.59
	280	-7.20e-003	-0.20	1.03e-002	-1.67	0.43	0.86
	274	-2.56e-003	-0.13	3.32e-002	-6.34	2.83	-0.95
433	272	-5.37e-002	-0.10	6.44e-002	-40.27	-14.06	1.36
	278	-6.84e-002	-0.33	0.10	4.43	7.34	6.19
	279	-6.35e-003	-0.32	7.33e-002	-6.02	-12.93	7.18
	273	8.41e-003	-0.10	4.12e-002	-14.12	3.67	2.35
434	270	-3.12e-002	1.37e-002	2.60e-002	-11.21	9.04	-2.35
	276	-3.54e-002	-5.21e-002	4.26e-002	-8.51	3.00	-5.05
	277	-3.00e-002	-5.17e-002	-1.87e-002	0.36	-3.24	-3.72
	271	-2.58e-002	1.41e-002	-3.53e-002	-30.79	-13.30	-1.02
435	269	2.68e-003	-2.55e-002	2.39e-002	-5.43	2.58	-2.94
	275	-5.96e-004	-7.58e-002	3.42e-002	-4.66	3.58	-5.00
	276	-3.71e-002	-7.82e-002	5.82e-002	-8.36	1.11	-5.39
	270	-3.39e-002	-2.78e-002	4.80e-002	-8.66	2.58	-3.33
436	268	5.99e-004	-5.37e-002	4.19e-002	-6.50	2.50	-4.14
	274	-2.79e-003	-0.11	3.69e-002	-5.61	2.18	-3.28
	275	-2.54e-003	-0.11	3.13e-002	-4.53	2.22	-3.65
	269	8.41e-004	-5.37e-002	3.63e-002	-4.74	2.35	-4.51
437	267	-2.11e-002	-5.80e-002	4.89e-002	-17.31	2.25	-4.53
	273	-2.60e-002	-0.13	5.51e-002	-15.86	-0.65	0.40
	274	-4.54e-003	-0.13	4.11e-002	-8.05	4.18	-1.16
	268	4.14e-004	-5.66e-002	3.49e-002	-8.51	3.31	-6.10
438	266	-3.32e-002	-4.04e-002	-1.54e-002	-54.25	-25.86	-4.08
	272	-3.71e-002	-0.10	9.44e-003	-9.58	-15.52	2.05
	273	-2.37e-002	-0.10	5.60e-002	-18.47	3.44	0.83
	267	-1.99e-002	-3.95e-002	3.11e-002	-21.51	12.36	-5.29
439	205	2.43e-002	1.58e-003	0.23	-5.39	4.94	9.04
	270	2.53e-002	1.74e-002	6.05e-002	-13.10	8.80	-0.75
	271	-3.86e-002	1.33e-002	-0.10	-9.17	-13.50	-3.16
	176	-3.97e-002	-2.58e-003	7.39e-002	-43.79	-8.07	6.63
440	204	1.95e-003	1.26e-004	3.66e-002	-9.96e-001	0.70	-2.00
	269	2.73e-004	-2.56e-002	2.28e-002	-4.85	2.08	-3.48
	270	2.26e-002	-2.42e-002	8.25e-002	-8.70	2.41	-0.19
	205	2.43e-002	1.58e-003	0.10	-2.06	-8.19e-002	1.29
441	203	1.31e-004	8.52e-006	5.37e-002	-0.45	0.28	-6.77
	268	-3.38e-003	-5.40e-002	5.05e-002	-6.04	2.30	-6.33
	269	-1.56e-003	-5.38e-002	3.52e-002	-4.49	1.94	-3.31
	204	1.95e-003	1.26e-004	3.84e-002	-0.55	0.41	-3.75
442	202	-1.08e-002	-7.04e-004	4.03e-002	-4.04	-0.54	-13.21
	267	-1.45e-002	-5.75e-002	4.16e-002	-15.21	2.80	-10.19
	268	-3.56e-003	-5.68e-002	4.35e-002	-7.33	2.53	-5.96
	203	1.31e-004	8.52e-006	4.21e-002	-1.90	1.09	-8.98
443	175	-3.32e-002	-2.16e-003	-1.96e-002	-66.76	-13.25	-18.64
	266	-3.57e-002	-4.05e-002	-3.27e-002	-22.33	-24.44	-2.55
	267	-1.33e-002	-3.91e-002	2.39e-002	-23.77	12.65	-8.19
	202	-1.08e-002	-7.04e-004	3.70e-002	-8.72	7.34	-24.28
600	158	-6.78e-002	-3.17e-002	0.11	26.40	-142.79	126.86
	104	-8.93e-002	-0.36	-0.80	-48.09	-49.29	137.81
	41	-2.33e-002	-0.36	8.26e-003	-118.38	-483.00	-2.00
	116	-1.78e-003	-2.74e-002	0.92	96.24	-59.21	-12.95
601	157	-7.06e-003	4.53e-002	0.15	2.20	32.36	159.68
	103	-2.14e-002	-0.17	7.80e-002	-2.84	69.62	170.24
	104	-7.73e-002	-0.18	-0.24	-4.62	-127.88	158.27
	158	-6.30e-002	4.17e-002	-0.17	6.46	-62.91	147.71
602	156	-1.09e-002	-0.10	4.13e-002	-5.40	164.87	117.04
	102	-1.56e-002	-0.17	5.35e-003	18.93	274.11	131.04

	103	-2.11e-002	-0.17	8.53e-002	17.62	45.91	168.09
	157	-1.64e-002	-0.10	0.12	3.44	70.09	154.09
603	155	-0.18	-7.24e-003	0.12	-53.22	107.54	-167.04
	1	-0.20	-0.29	0.19	59.25	764.38	-139.46
	102	-2.27e-002	-0.28	8.92e-002	78.96	180.39	112.16
	156	-4.27e-003	4.26e-003	1.79e-002	-44.73	261.28	84.57
604	154	-0.18	-1.42e-002	-5.94e-002	25.57	-25.16	132.96
	158	-0.18	-3.90e-002	0.35	20.24	-96.81	109.45
	116	-1.78e-003	-2.74e-002	0.43	-9.22	-20.95	77.63
	115	-1.69e-004	-2.60e-003	2.08e-002	12.42	-19.97	101.15
605	153	-3.94e-002	-3.57e-003	4.89e-002	5.87	19.16	136.81
	157	-3.64e-002	4.34e-002	0.10	-4.66	17.99	163.33
	158	-0.17	3.44e-002	8.05e-002	36.04	-36.61	152.11
	154	-0.18	-1.26e-002	2.47e-002	13.49	-13.57	125.59
606	152	-5.01e-002	-8.53e-004	6.00e-002	-16.85	70.03	97.11
	156	-5.66e-002	-0.10	6.30e-002	-35.75	126.24	121.99
	157	-4.57e-002	-0.10	7.85e-002	8.11	72.50	158.31
	153	-3.92e-002	-1.42e-004	7.55e-002	-15.01	47.51	133.43
607	151	7.25e-003	-5.79e-003	7.03e-003	10.89	37.87	51.92
	155	7.96e-003	5.05e-003	1.71e-003	47.44	44.39	-2.44
	156	-5.00e-002	1.29e-003	3.96e-002	-15.90	184.16	50.64
	152	-5.07e-002	-9.55e-003	4.49e-002	-25.31	69.45	105.00
608	150	8.31e-002	3.15e-002	0.35	7.07	-21.61	126.38
	154	8.12e-002	2.69e-003	-4.52e-002	13.03	-19.83	116.66
	115	-1.69e-004	-2.60e-003	1.87e-002	0.46	-11.36	115.80
	114	1.70e-003	2.62e-002	0.41	1.28	-8.00	125.52
609	149	-4.39e-002	-0.10	0.12	-1.50	7.32	112.39
	153	-3.79e-002	-3.47e-003	4.61e-002	-2.60	21.20	126.31
	154	8.13e-002	4.28e-003	3.88e-002	13.76	-13.49	129.60
	150	7.53e-002	-8.81e-002	0.11	7.28	-7.29	115.68
610	148	-1.84e-003	4.65e-003	3.41e-002	-15.56	40.55	96.95
	152	-1.99e-003	2.28e-003	4.98e-002	-12.97	60.86	108.20
	153	-3.77e-002	-4.37e-005	7.28e-002	-2.62	35.68	120.67
	149	-3.75e-002	2.33e-003	5.71e-002	-5.46	27.85	109.42
611	147	6.10e-002	6.31e-003	-7.41e-003	4.68	19.54	100.71
	151	6.05e-002	-2.33e-003	2.18e-002	10.58	16.64	78.56
	152	-2.56e-003	-6.42e-003	3.47e-002	-13.47	62.61	85.03
	148	-2.00e-003	2.21e-003	5.49e-003	-11.74	45.02	107.18
612	107	-5.89e-003	3.08e-002	-0.63	-18.81	-5.69	116.03
	150	-6.23e-003	2.57e-002	0.16	5.24	-30.74	121.89
	114	1.70e-003	2.62e-002	0.87	16.29	-10.73	143.98
	46	2.03e-003	3.13e-002	8.47e-002	-22.05	-89.06	138.12
613	106	-1.56e-002	-2.24e-003	8.61e-002	-0.63	6.03	112.92
	149	-2.16e-002	-9.44e-002	0.15	-3.29	10.03	111.84
	150	-1.40e-002	-9.39e-002	-7.67e-002	4.23	-15.31	117.49
	107	-8.01e-003	-1.75e-003	-0.14	-14.01	-24.91	118.57
614	105	-1.19e-002	-2.09e-002	1.93e-002	13.05	37.63	97.21
	148	-1.03e-002	4.10e-003	3.47e-002	-8.41	40.71	97.97
	149	-1.52e-002	3.79e-003	9.03e-002	1.56	18.98	108.97
	106	-1.68e-002	-2.12e-002	7.48e-002	0.68	-1.12	108.21
615	3	0.11	-4.21e-002	5.60e-002	-25.30	129.64	112.89
	147	0.11	9.69e-003	-4.86e-002	-6.05	18.19	131.91
	148	-1.04e-002	1.67e-003	6.13e-003	-17.97	57.65	99.16
	105	-1.38e-002	-5.01e-002	0.11	20.82	20.43	80.15
616	146	2.99e-002	4.26e-002	0.19	-1.16	-37.58	122.39
	107	2.93e-002	3.31e-002	-0.63	-15.60	-4.05	127.29
	46	2.03e-003	3.13e-002	8.36e-002	-31.44	-91.34	103.24

631	4	0.21	7.37e-002	0.11	-26.46	-377.11	-14.90
	135	0.20	1.67e-002	2.55e-002	-3.01	-65.35	-47.11
	136	-2.69e-002	1.82e-003	5.14e-002	-22.51	-163.46	82.24
	108	-2.32e-002	5.88e-002	0.14	-80.58	-74.51	114.46
632	134	-4.35e-002	-9.47e-002	9.38e-002	-18.23	9.81	113.61
	110	-4.04e-002	-4.70e-002	-0.56	29.01	-3.38	105.64
	47	-2.90e-003	-4.46e-002	0.15	25.09	123.63	138.46
	122	-5.99e-003	-9.22e-002	0.80	-18.67	11.17	146.43
633	133	-1.93e-003	0.11	0.16	1.70	-47.35	100.91
	109	-8.58e-003	6.14e-003	8.26e-002	-12.58	-51.69	104.78
	110	-3.71e-002	4.28e-003	-0.15	18.94	20.02	111.61
	134	-3.04e-002	0.11	-6.94e-002	-16.24	-5.10	107.74
634	132	-1.72e-002	-2.42e-003	4.73e-002	38.70	-84.97	104.75
	108	-1.51e-002	2.87e-002	2.28e-002	-66.47	-132.40	103.64
	109	-7.08e-003	2.92e-002	7.39e-002	-24.17	-31.33	101.80
	133	-9.10e-003	-1.89e-003	0.10	2.49	-64.95	102.91
635	131	-0.15	-1.77e-002	-5.53e-002	-18.73	-48.01	211.66
	4	-0.14	5.09e-002	5.31e-002	46.84	-338.93	171.81
	108	-1.31e-002	5.95e-002	0.12	-78.84	-102.95	73.28
	132	-1.76e-002	-9.13e-003	1.42e-002	54.74	-109.17	113.14
636	130	-5.24e-002	-4.04e-003	-8.90e-003	-5.34	-7.30	114.82
	134	-5.84e-002	-0.10	0.29	-3.58	-0.63	118.96
	122	-5.99e-003	-9.22e-002	0.33	0.37	0.52	122.53
	121	-4.15e-005	-6.39e-004	3.13e-002	-2.37	-3.27	118.40
637	129	2.55e-002	-6.65e-003	6.07e-002	8.72	-59.68	119.70
	133	3.32e-002	0.11	0.14	7.52	-40.57	101.61
	134	-4.53e-002	0.11	0.12	-4.02	-18.29	106.98
	130	-5.29e-002	-1.18e-002	4.67e-002	-4.20	-14.38	125.07
638	128	-1.61e-002	-1.02e-002	5.13e-002	19.90	-80.88	113.77
	132	-1.56e-002	-2.31e-003	4.38e-002	12.20	-82.35	105.02
	133	2.60e-002	3.88e-004	7.28e-002	5.54	-64.74	104.13
	129	2.55e-002	-7.46e-003	8.03e-002	14.94	-62.56	112.88
639	127	-5.11e-002	-1.46e-003	2.18e-002	-18.50	-3.29	92.01
	131	-5.18e-002	-1.14e-002	-7.91e-003	-17.62	-28.10	134.26
	132	-1.60e-002	-9.03e-003	1.07e-002	8.75	-69.62	129.59
	128	-1.53e-002	8.66e-004	4.04e-002	14.77	-80.83	87.35
640	126	0.13	0.10	0.30	-31.08	61.71	109.37
	130	0.12	7.34e-003	-1.44e-002	-4.92	-4.75	130.28
	121	-4.15e-005	-6.39e-004	3.22e-002	-7.91	6.16	105.27
	120	6.11e-003	9.41e-002	0.34	2.61	9.84	84.35
641	125	4.18e-002	-7.57e-002	0.13	10.27	-57.37	170.95
	129	4.64e-002	-5.30e-003	6.59e-002	6.21	-53.55	133.26
	130	0.12	-3.71e-004	4.12e-002	1.13	-16.37	120.17
	126	0.12	-7.08e-002	0.11	-37.17	22.44	157.87
642	124	6.20e-002	8.28e-002	5.63e-002	47.57	-184.69	113.17
	128	5.63e-002	-5.46e-003	4.73e-002	14.33	-92.89	87.81
	129	4.63e-002	-6.11e-003	8.56e-002	26.07	-76.61	134.12
	125	5.21e-002	8.22e-002	9.46e-002	0.91	-116.04	159.49
643	123	-5.24e-004	-2.32e-002	-2.18e-003	-82.52	-50.17	-22.57
	127	1.11e-003	1.94e-003	1.81e-002	13.92	-18.32	57.66
	128	5.70e-002	5.57e-003	3.63e-002	10.05	-88.14	101.11
	124	5.53e-002	-1.96e-002	1.60e-002	36.04	-184.47	20.88
644	113	0.14	0.41	-0.70	96.37	107.92	158.24
	126	0.12	0.10	4.39e-002	-72.36	122.56	144.03
	120	6.11e-003	9.41e-002	0.83	-92.76	67.59	-35.01
	48	2.61e-002	0.40	9.33e-002	123.58	616.54	-20.79
645	112	2.83e-002	0.19	6.59e-002	2.98	-127.45	198.75

	125	1.09e-002	-7.77e-002	0.17	4.80	-69.53	177.31
	126	0.11	-7.15e-002	-0.15	-43.05	52.02	161.26
	113	0.12	0.20	-0.25	43.28	161.08	182.71
646	111	3.42e-002	0.19	-3.32e-005	-87.82	-438.58	137.35
	124	2.74e-002	8.06e-002	4.37e-002	86.91	-227.59	112.45
	125	2.12e-002	8.02e-002	0.13	17.66	-133.39	167.51
	112	2.80e-002	0.19	8.60e-002	-29.74	-93.47	192.42
647	5	0.22	0.30	0.21	-43.74	-1079.76	-230.22
	123	0.20	-1.04e-002	0.11	43.86	-144.91	-264.92
	124	2.07e-002	-2.18e-002	3.34e-003	138.27	-312.04	78.41
	111	4.12e-002	0.29	0.10	-158.81	-378.84	113.11

SFORZI "Accidentale balconi" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	11.56	0.90	-0.12	-2.48	18.20	207.66
	509	-11.56	-0.90	0.12	2.48	31.46	172.66
2	255	-17.78	1.18	6.10e-002	7.02	-6.08	248.80
	196	17.78	-1.18	-6.10e-002	-7.02	-13.31	125.03
3	487	7.14e-002	-0.20	0.13	25.12	-33.23	-70.43
	509	-7.14e-002	0.20	-0.13	-25.12	-37.10	-40.78
4	509	-1.10	-0.14	5.87	-10.53	-431.75	-10.87
	495	1.10	0.14	-5.87	10.53	-272.59	-5.51
5	195	-5.82	-0.16	-4.50	-17.33	391.48	-3.52
	509	5.82	0.16	4.50	17.33	284.27	-20.04
6	403	-0.55	-0.10	-0.37	8.47	12.74	0.25
	413	0.55	0.10	0.37	-8.47	5.70e-002	-3.68
7	393	-1.11	-0.33	-0.52	11.96	32.79	-5.56
	403	1.11	0.33	0.52	-11.96	-14.56	-6.08
8	190	-2.28	-0.77	-0.77	13.25	63.61	-33.98
	393	2.28	0.77	0.77	-13.25	-36.69	7.09
9	353	6.22	0.17	-7.96	-8.67	-277.28	-10.28
	363	-6.22	-0.17	7.96	8.67	556.02	16.15
10	343	5.13	-0.22	-6.54	1.58	123.63	-10.44
	353	-5.13	0.22	6.54	-1.58	105.11	2.65
11	187	6.19	-1.18	-8.02	2.57	577.75	-71.41
	343	-6.19	1.18	8.02	-2.57	-297.18	30.21
12	323	0.44	-0.14	-0.14	1.74	4.92	-2.06
	333	-0.44	0.14	0.14	-1.74	8.90e-002	-2.98
13	313	0.81	-0.56	-0.20	2.50	12.46	-11.66
	323	-0.81	0.56	0.20	-2.50	-5.45	-7.80
14	181	1.66	-1.56	-0.29	2.80	24.04	-81.94
	313	-1.66	1.56	0.29	-2.80	-13.77	27.44
15	277	3.70	0.59	-6.14	2.18	-200.01	-25.05
	283	-3.70	-0.59	6.14	-2.18	414.93	45.66
16	271	2.49	-0.15	-5.16	7.84	96.32	-11.25
	277	-2.49	0.15	5.16	-7.84	84.20	5.98
17	176	2.21	-1.37	-6.30	10.32	434.12	-79.65
	271	-2.21	1.37	6.30	-10.32	-213.73	31.65
18	272	4.80	-2.81	-3.37	-7.61	-139.68	52.56
	278	-4.80	2.81	3.37	7.61	257.52	-150.96
19	266	4.17	-1.49	-2.88	5.25	-2.95	-9.65

	272	-4.17	1.49	2.88	-5.25	103.67	-42.35
20	175	4.08	-1.40	-2.99	6.33	137.15	-66.62
	266	-4.08	1.40	2.99	-6.33	-32.48	17.64
21	508	1.39	-0.38	5.05e-002	-2.38	-6.24	-14.42
	278	-1.39	0.38	-5.05e-002	2.38	-8.90	-98.35
22	506	0.23	1.18e-002	0.55	12.62	-131.47	5.05
	500	-0.23	-1.18e-002	-0.55	-12.62	-97.84	-0.15
23	167	0.50	0.19	-0.20	-5.18	15.71	43.27
	506	-0.50	-0.19	0.20	5.18	41.65	12.32
24	507	1.06	-5.43e-002	4.51e-003	-0.21	-2.84	-10.25
	508	-1.06	5.43e-002	-4.51e-003	0.21	1.48	-6.03
25	506	1.20	-0.13	-5.91e-002	-1.74	17.43	-32.45
	507	-1.20	0.13	5.91e-002	1.74	7.96	-23.40
26	505	0.48	-0.19	-0.13	-12.13	19.52	-32.67
	506	-0.48	0.19	0.13	12.13	31.51	-39.94
27	504	0.92	-0.13	1.99e-002	11.01	1.23	-34.46
	505	-0.92	0.13	-1.99e-002	-11.01	-9.79	-21.12
28	504	0.46	-5.53e-002	0.27	13.72	-75.19	-6.83
	498	-0.46	5.53e-002	-0.27	-13.72	-38.22	-16.10
29	161	1.54	0.46	-0.18	-4.76	16.67	99.74
	504	-1.54	-0.46	0.18	4.76	36.62	32.98
30	499	-1.73	0.78	-1.55e-002	4.19	-9.96	146.46
	498	1.73	-0.78	1.55e-002	-4.19	16.65	186.94
31	500	-3.95	0.81	-0.17	-2.31	46.92	164.13
	499	3.95	-0.81	0.17	2.31	20.04	151.57
32	501	-6.71	0.70	-7.93e-002	2.85	7.29	147.69
	500	6.71	-0.70	7.93e-002	-2.85	26.82	154.63
33	502	-9.24	1.23	4.07e-003	0.54	2.18	180.35
	501	9.24	-1.23	-4.07e-003	-0.54	-3.40	189.37
34	503	-12.13	1.88	-1.08e-002	11.84	6.48	355.86
	502	12.13	-1.88	1.08e-002	-11.84	-3.25	206.89
35	496	-13.05	-0.54	0.10	39.65	-33.13	-37.19
	503	13.05	0.54	-0.10	-39.65	-16.23	-239.81
36	160	-0.98	0.81	-0.46	-26.43	49.57	99.94
	504	0.98	-0.81	0.46	26.43	-0.76	-15.14
37	163	-5.69e-002	0.15	0.45	9.73	6.93	38.98
	505	5.69e-002	-0.15	-0.45	-9.73	-53.79	-23.15
38	166	-0.20	0.12	3.06e-002	-25.94	15.50	19.45
	506	0.20	-0.12	-3.06e-002	25.94	-18.71	-6.98
39	169	7.56e-002	-6.36e-002	0.13	5.13	19.56	-8.20
	507	-7.56e-002	6.36e-002	-0.13	-5.13	-33.66	1.53
40	172	-0.32	-4.60e-002	-0.33	-4.76	55.02	-2.66
	508	0.32	4.60e-002	0.33	4.76	-20.45	-2.17
41	159	-0.91	0.46	1.45	-23.88	-208.22	103.95
	498	0.91	-0.46	-1.45	23.88	-184.30	20.29
42	162	-3.41e-002	0.16	2.22	10.08	-300.76	48.67
	499	3.41e-002	-0.16	-2.22	-10.08	-298.03	-6.50
43	165	5.94e-003	0.11	2.21	-21.03	-306.58	24.20
	500	-5.94e-003	-0.11	-2.21	21.03	-291.37	5.31
44	168	-0.53	-8.34e-002	2.52	3.89	-343.85	-20.20
	501	0.53	8.34e-002	-2.52	-3.89	-337.06	-2.31

45	171	-0.64	1.48e-002	2.89	-1.08	-394.07	-7.30
	502	0.64	-1.48e-002	-2.89	1.08	-387.25	11.30
46	174	2.42	-0.11	0.92	-9.74	-133.14	-56.84
	503	-2.42	0.11	-0.92	9.74	-116.05	27.81
47	177	-2.60	0.37	-2.07	15.83	177.24	-156.06
	496	2.60	-0.37	2.07	-15.83	380.78	255.42
48	178	-0.95	7.11	0.22	60.39	-149.05	1046.75
	497	0.95	-7.11	-0.22	-60.39	89.44	872.49
49	278	14.25	1.52	6.16e-002	78.12	-30.37	554.49
	496	-14.25	-1.52	-6.16e-002	-78.12	-10.13	444.72
50	497	-7.79	-2.99	-0.27	-30.63	23.07	-517.39
	496	7.79	2.99	0.27	30.63	78.38	-619.38
51	478	-0.68	-2.04	-0.49	-120.07	94.38	-196.24
	497	0.68	2.04	0.49	120.07	37.32	-355.10
52	173	6.25	-0.43	-2.01e-003	6.91	-0.65	-55.19
	278	-6.25	0.43	2.01e-003	-6.91	1.49	-123.10
53	283	0.32	2.10	6.42e-002	74.11	-29.85	709.27
	478	-0.32	-2.10	-6.42e-002	-74.11	-4.55	416.06
54	173	-11.93	-0.62	3.75e-002	6.56	-5.86	-44.01
	283	11.93	0.62	-3.75e-002	-6.56	-6.05	-153.23
55	483	-22.70	1.88	-6.19e-002	6.37	11.50	429.64
	484	22.70	-1.88	6.19e-002	-6.37	37.86	1068.18
56	482	23.08	-18.07	4.02e-002	-24.29	-24.82	-4963.42
	483	-23.08	18.07	-4.02e-002	24.29	2.68	-4977.68
57	481	22.14	12.03	-0.16	-77.12	47.28	2574.94
	482	-22.14	-12.03	0.16	77.12	52.95	4764.69
58	480	7.15	1.68	1.37e-002	15.56	4.25	1274.46
	481	-7.15	-1.68	-1.37e-002	-15.56	-11.82	-347.74
59	479	3.09	-2.54	-0.14	-84.62	46.13	-812.33
	480	-3.09	2.54	0.14	84.62	45.80	-810.60
60	478	2.95	2.48	0.12	10.84	-39.52	486.35
	479	-2.95	-2.48	-0.12	-10.84	-29.86	903.21
61	363	-1.33	3.03	0.10	26.05	-24.85	1026.20
	480	1.33	-3.03	-0.10	-26.05	-26.60	599.22
62	186	-19.11	-1.36	5.34e-002	11.36	-13.81	-164.06
	363	19.11	1.36	-5.34e-002	-11.36	-3.15	-266.83
63	473	-1.25	2.48	0.43	-161.57	-62.69	807.12
	484	1.25	-2.48	-0.43	161.57	-148.64	420.74
64	255	6.63	6.14	0.10	-57.72	-6.02	1880.87
	483	-6.63	-6.14	-0.10	57.72	-47.73	1292.72
65	492	-5.23	1.02	0.19	7.08	-25.70	136.90
	489	5.23	-1.02	-0.19	-7.08	-31.86	168.64
66	494	-0.37	-8.31e-002	0.27	-14.89	-66.99	-24.74
	492	0.37	8.31e-002	-0.27	14.89	-81.52	-20.54
67	492	-5.77	1.13	-8.86e-003	2.52	-12.62	200.70
	495	5.77	-1.13	8.86e-003	-2.52	16.14	247.95
68	491	-0.50	6.63e-002	-0.29	-48.14	108.96	24.82
	492	0.50	-6.63e-002	0.29	48.14	123.43	28.35
69	490	-2.71	1.66	0.57	1.16	-77.62	170.74
	491	2.71	-1.66	-0.57	-1.16	-90.84	321.69
70	489	1.14	-0.12	-0.30	-19.81	123.42	-53.46

490	-1.14	0.12	0.30	19.81	117.93	-40.09	
71	488	1.11	0.31	0.25	5.76	-55.92	81.39
	489	-1.11	-0.31	-0.25	-5.76	-79.87	87.25
72	494	-0.26	-0.52	-0.31	7.73	42.21	-65.00
	488	0.26	0.52	0.31	-7.73	49.74	-91.49
73	493	-1.94e-002	-0.62	-0.12	5.07	29.76	-136.29
	494	1.94e-002	0.62	0.12	-5.07	18.45	-110.11
74	493	0.18	-2.78e-002	0.10	-24.66	-28.05	-5.64
	495	-0.18	2.78e-002	-0.10	24.66	-26.68	-9.59
75	473	1.77	-0.60	-3.02	40.32	688.20	-58.79
	490	-1.77	0.60	3.02	-40.32	-190.55	-39.82
76	382	1.26	0.75	-1.43	-42.24	-59.56	52.89
	473	-1.26	-0.75	1.43	42.24	109.59	-26.70
77	293	-3.53	6.80	-1.29	-30.28	-10.23	241.99
	382	3.53	-6.80	1.29	30.28	55.42	-4.12
78	200	-4.11	17.82	-1.29	-25.22	40.49	985.29
	293	4.11	-17.82	1.29	25.22	4.50	-361.53
79	255	-1.44	0.22	-4.68	11.68	578.44	9.42
	489	1.44	-0.22	4.68	-11.68	194.21	26.71
80	245	7.31	-0.97	-13.16	-6.81	-304.19	5.26
	255	-7.31	0.97	13.16	6.81	764.86	-39.26
81	235	4.63	-2.68	-11.53	0.14	364.21	-61.52
	245	-4.63	2.68	11.53	-0.14	39.46	-32.15
82	197	3.52	-7.77	-15.01	1.56	1162.25	-409.12
	235	-3.52	7.77	15.01	-1.56	-636.75	137.33
83	443	0.83	0.81	-0.51	-6.18	180.80	59.57
	488	-0.83	-0.81	0.51	6.18	-97.25	73.66
84	433	1.70	-0.51	0.55	-13.41	135.46	19.16
	443	-1.70	0.51	-0.55	13.41	-154.60	-36.84
85	423	2.88	-0.55	-0.18	-16.14	146.96	-8.01
	433	-2.88	0.55	0.18	16.14	-140.56	-11.25
86	193	5.63	-1.10	-1.11	-17.46	195.51	-57.17
	423	-5.63	1.10	1.11	17.46	-156.51	18.77
87	201	-1.59	-4.25e-002	2.42	18.12	-284.39	9.34
	491	1.59	4.25e-002	-2.42	-18.12	-369.89	-20.81
88	196	2.16	-0.37	2.76e-002	3.58	23.19	-56.45
	492	-2.16	0.37	-2.76e-002	-3.58	-30.65	-43.23
89	192	1.52e-002	-0.18	-3.47e-002	-6.33	169.58	-27.50
	494	-1.52e-002	0.18	3.47e-002	6.33	-160.22	-22.07
90	487	-0.65	0.30	-8.06e-002	1.71	121.30	36.94
	493	0.65	-0.30	8.06e-002	-1.71	-111.63	-0.58
91	185	-1.36	0.71	-0.19	-25.42	164.39	60.24
	487	1.36	-0.71	0.19	25.42	-135.71	45.79
92	486	-0.33	0.51	1.78e-002	10.71	-16.98	158.45
	487	0.33	-0.51	-1.78e-002	-10.71	6.10	153.16
93	485	-0.85	-0.36	-0.17	-68.83	48.41	-73.47
	486	0.85	0.36	0.17	68.83	45.26	-124.98
94	186	2.87	0.29	9.10e-002	7.68	-13.22	102.19
	485	-2.87	-0.29	-9.10e-002	-7.68	-25.65	23.54
95	183	-1.64	-0.94	-2.41	21.69	316.52	-65.90
	485	1.64	0.94	2.41	-21.69	44.96	-75.60

96	184	0.87	0.52	-0.19	28.28	108.92	44.20
	486	-0.87	-0.52	0.19	-28.28	-80.11	33.78
97	179	-1.66	3.70	-0.95	27.73	-27.34	385.90
	478	1.66	-3.70	0.95	-27.73	285.14	613.48
98	182	-5.02	0.13	0.27	16.27	-167.69	-54.86
	479	5.02	-0.13	-0.27	-16.27	95.46	90.87
99	188	1.75	4.16	-2.33	16.73	135.32	674.76
	480	-1.75	-4.16	2.33	-16.73	493.24	447.18
100	191	10.35	14.99	0.15	35.46	-133.57	1820.28
	481	-10.35	-14.99	-0.15	-35.46	94.26	2227.28
101	194	-30.10	0.93	0.53	28.13	-247.98	447.84
	482	30.10	-0.93	-0.53	-28.13	105.00	-195.45
102	198	12.01	-45.70	3.05	-12.63	-2232.01	-7876.22
	483	-12.01	45.70	-3.05	12.63	1407.49	-4463.52
103	199	-3.80	23.13	-1.43	-48.53	-11.10	4972.39
	484	3.80	-23.13	1.43	48.53	395.89	1272.01
179	472	-0.90	3.91e-002	-0.11	-0.72	-2.33	0.64
	473	0.90	-3.91e-002	0.11	0.72	8.42	1.45
180	467	-1.93	3.26e-003	-2.88e-002	-0.83	-1.05	0.31
	472	1.93	-3.26e-003	2.88e-002	0.83	2.58	-0.13
181	466	-1.89	2.43e-003	-9.33e-003	-0.92	-0.41	0.19
	467	1.89	-2.43e-003	9.33e-003	0.92	0.90	-6.20e-002
182	471	7.11e-015	-0.33	0.00	-0.24	0.00	-4.80
	200	-7.11e-015	0.33	0.00	0.24	-2.27e-013	-13.02
183	470	-7.11e-015	-2.37e-002	7.11e-015	-0.65	0.00	-0.90
	471	7.11e-015	2.37e-002	-7.11e-015	0.65	0.00	-0.37
184	229	0.00	-2.37e-002	7.11e-015	-0.88	-2.27e-013	-0.23
	470	0.00	2.37e-002	-7.11e-015	0.88	-2.27e-013	-1.04
185	469	0.00	-1.17e-002	7.11e-015	-0.97	0.00	-0.27
	229	0.00	1.17e-002	-7.11e-015	0.97	0.00	-0.35
186	468	-1.42e-014	-1.47e-002	1.42e-014	-0.99	2.27e-013	-0.27
	469	1.42e-014	1.47e-002	-1.42e-014	0.99	2.27e-013	-0.52
187	228	-1.42e-014	-1.38e-002	0.00	-1.00	0.00	-0.31
	468	1.42e-014	1.38e-002	0.00	1.00	0.00	-0.43
188	465	-1.58	-9.02e-004	-3.55e-003	-0.97	-0.15	0.12
	466	1.58	9.02e-004	3.55e-003	0.97	0.34	-0.17
189	464	-1.22	1.16e-003	-1.40e-003	-0.99	-5.30e-002	0.13
	465	1.22	-1.16e-003	1.40e-003	0.99	0.13	-6.66e-002
190	459	-0.88	7.16e-004	-5.56e-004	-9.99e-001	-1.75e-002	8.80e-002
	464	0.88	-7.16e-004	5.56e-004	9.99e-001	4.71e-002	-4.98e-002
191	458	-0.53	8.32e-004	-2.45e-004	-1.00	-2.88e-003	6.49e-002
	459	0.53	-8.32e-004	2.45e-004	1.00	1.59e-002	-2.05e-002
192	457	-0.19	8.01e-004	-1.80e-004	-1.00	7.47e-003	3.59e-002
	458	0.19	-8.01e-004	1.80e-004	1.00	2.12e-003	6.85e-003
193	456	0.16	7.95e-004	-2.84e-004	-1.00	2.45e-002	8.75e-003
	457	-0.16	-7.95e-004	2.84e-004	1.00	-9.34e-003	3.37e-002
194	463	7.11e-015	-1.41e-002	0.00	-1.01	-2.27e-013	-0.33
	228	-7.11e-015	1.41e-002	0.00	1.01	-2.27e-013	-0.42
195	462	-7.11e-015	-1.40e-002	1.42e-014	-1.01	2.27e-013	-0.36
	463	7.11e-015	1.40e-002	-1.42e-014	1.01	2.27e-013	-0.39
196	227	7.11e-015	-1.40e-002	0.00	-1.00	-1.14e-013	-0.38

	462	-7.11e-015	1.40e-002	0.00	1.00	-1.14e-013	-0.36
197	461	-7.11e-015	-1.41e-002	7.11e-015	-9.97e-001	0.00	-0.42
	227	7.11e-015	1.41e-002	-7.11e-015	9.97e-001	0.00	-0.33
198	460	-1.42e-014	-1.37e-002	1.42e-014	-0.97	0.00	-0.42
	461	1.42e-014	1.37e-002	-1.42e-014	0.97	1.14e-013	-0.31
199	226	0.00	-1.50e-002	7.11e-015	-0.91	0.00	-0.53
	460	0.00	1.50e-002	-7.11e-015	0.91	0.00	-0.27
200	453	0.51	8.42e-004	-6.12e-004	-1.00	6.36e-002	-1.77e-002
	456	-0.51	-8.42e-004	6.12e-004	1.00	-3.09e-002	6.26e-002
201	452	0.85	6.56e-004	-1.36e-003	-9.96e-001	0.16	-5.09e-002
	453	-0.85	-6.56e-004	1.36e-003	9.96e-001	-8.41e-002	8.59e-002
202	451	1.19	1.42e-003	-3.33e-003	-1.00e+000	0.39	-4.92e-002
	452	-1.19	-1.42e-003	3.33e-003	1.00e+000	-0.21	0.13
203	450	1.54	3.04e-004	-1.18e-002	-1.03	1.09	-0.13
	451	-1.54	-3.04e-004	1.18e-002	1.03	-0.46	0.15
204	449	1.92	-1.46e-003	-5.78e-002	-0.90	3.86	-0.16
	450	-1.92	1.46e-003	5.78e-002	0.90	-0.78	7.97e-002
205	255	2.71	-2.95e-002	-9.08e-002	2.85	4.82	-1.05
	449	-2.71	2.95e-002	9.08e-002	-2.85	2.33e-002	-0.52
206	455	0.00	-1.09e-002	-7.11e-015	-0.69	1.14e-013	-0.32
	226	0.00	1.09e-002	7.11e-015	0.69	0.00	-0.26
207	454	0.00	-1.10e-002	0.00	0.10	0.00	-0.60
	455	0.00	1.10e-002	0.00	-0.10	0.00	9.88e-003
208	197	0.00	0.13	0.00	5.04	0.00	4.75
	454	0.00	-0.13	0.00	-5.04	0.00	2.20
209	254	3.53	4.07e-002	3.89e-002	-3.00	-1.17	0.54
	255	-3.53	-4.07e-002	-3.89e-002	3.00	-0.95	1.68
210	253	2.76	-3.51e-003	4.14e-002	0.42	0.28	-0.29
	254	-2.76	3.51e-003	-4.14e-002	-0.42	-2.54	0.10
211	252	2.10	-2.58e-003	6.76e-003	0.45	0.27	-0.24
	253	-2.10	2.58e-003	-6.76e-003	-0.45	-0.64	0.10
212	251	1.41	-1.22e-003	1.55e-003	0.39	0.14	-0.14
	252	-1.41	1.22e-003	-1.55e-003	-0.39	-0.22	7.28e-002
213	250	0.69	-1.74e-003	7.88e-004	0.38	5.55e-002	-0.11
	251	-0.69	1.74e-003	-7.88e-004	-0.38	-0.10	1.23e-002
214	249	-3.18e-002	-1.65e-003	8.98e-004	0.37	2.56e-003	-3.81e-002
	250	3.18e-002	1.65e-003	-8.98e-004	-0.37	-5.15e-002	-5.20e-002
215	248	-0.75	-1.69e-003	2.30e-003	0.34	-8.74e-002	5.11e-003
	249	0.75	1.69e-003	-2.30e-003	-0.34	-3.80e-002	-0.10
216	247	-1.47	-2.07e-003	6.43e-003	0.24	-0.34	7.06e-002
	248	1.47	2.07e-003	-6.43e-003	-0.24	-1.32e-002	-0.18
217	246	-2.25	-2.20e-003	8.47e-003	-5.55e-002	-0.70	0.10
	247	2.25	2.20e-003	-8.47e-003	5.55e-002	0.24	-0.22
218	443	-3.21	1.96e-002	-5.47e-002	-0.76	1.10	1.14
	246	3.21	-1.96e-002	5.47e-002	0.76	1.88	-6.87e-002
219	448	0.00	0.14	-7.11e-015	-5.18	1.14e-013	1.85
	197	0.00	-0.14	7.11e-015	5.18	0.00	5.52
220	225	0.00	2.64e-002	-3.55e-015	-0.54	1.14e-013	0.67
	448	0.00	-2.64e-002	3.55e-015	0.54	0.00	0.77
221	447	0.00	3.07e-002	-1.07e-014	0.12	0.00	0.57
	225	0.00	-3.07e-002	1.07e-014	-0.12	0.00	1.10

222	224	-7.11e-015	2.69e-002	0.00	0.30	1.14e-013	0.65
	447	7.11e-015	-2.69e-002	0.00	-0.30	0.00	0.81
223	446	0.00	2.77e-002	-1.42e-014	0.36	-1.14e-013	0.69
	224	0.00	-2.77e-002	1.42e-014	-0.36	1.14e-013	0.82
224	223	0.00	2.74e-002	0.00	0.39	-1.14e-013	0.76
	446	0.00	-2.74e-002	0.00	-0.39	0.00	0.74
225	445	-7.11e-015	2.74e-002	-3.55e-015	0.42	1.14e-013	0.79
	223	7.11e-015	-2.74e-002	3.55e-015	-0.42	0.00	0.70
226	222	0.00	2.76e-002	-1.42e-014	0.50	-1.14e-013	0.90
	445	0.00	-2.76e-002	1.42e-014	-0.50	1.14e-013	0.61
227	444	0.00	2.53e-002	-3.55e-015	0.72	-1.14e-013	0.81
	222	0.00	-2.53e-002	3.55e-015	-0.72	0.00	0.57
228	193	0.00	5.74e-002	-3.55e-015	1.25	-1.14e-013	2.10
	444	0.00	-5.74e-002	3.55e-015	-1.25	-1.14e-013	1.03
289	383	0.00	-9.75e-003	1.78e-015	-0.71	5.68e-014	-0.22
	193	0.00	9.75e-003	-1.78e-015	0.71	-5.68e-014	-0.37
290	221	0.00	-1.16e-002	1.78e-015	-1.30e-002	-5.68e-014	-0.18
	383	0.00	1.16e-002	-1.78e-015	1.30e-002	5.68e-014	-0.53
291	442	-2.59	8.00e-003	6.67e-002	1.24	-1.46	0.41
	443	2.59	-8.00e-003	-6.67e-002	-1.24	-2.61	7.33e-002
292	441	-2.19	4.07e-004	-1.49e-003	0.61	5.18e-002	0.19
	442	2.19	-4.07e-004	1.49e-003	-0.61	3.89e-002	-0.17
293	440	-1.75	1.09e-003	-3.69e-003	0.40	0.12	0.17
	441	1.75	-1.09e-003	3.69e-003	-0.40	0.11	-0.10
294	439	-1.34	9.66e-004	-1.16e-003	0.33	4.86e-002	0.13
	440	1.34	-9.66e-004	1.16e-003	-0.33	2.20e-002	-7.54e-002
295	380	0.00	-1.14e-002	-5.33e-015	0.21	-1.71e-013	-0.21
	221	0.00	1.14e-002	5.33e-015	-0.21	-5.68e-014	-0.49
296	220	0.00	-1.15e-002	3.55e-015	0.29	-1.14e-013	-0.25
	380	0.00	1.15e-002	-3.55e-015	-0.29	0.00	-0.46
297	379	0.00	-1.15e-002	5.33e-015	0.31	0.00	-0.28
	220	0.00	1.15e-002	-5.33e-015	-0.31	-1.14e-013	-0.43
298	219	0.00	-1.15e-002	3.55e-015	0.31	-5.68e-014	-0.31
	379	0.00	1.15e-002	-3.55e-015	-0.31	5.68e-014	-0.39
299	438	-0.93	9.37e-004	-1.10e-004	0.32	8.71e-003	0.10
	439	0.93	-9.37e-004	1.10e-004	-0.32	-1.99e-003	-4.54e-002
300	437	-0.52	9.23e-004	4.04e-004	0.31	-2.38e-002	6.87e-002
	438	0.52	-9.23e-004	-4.04e-004	-0.31	-8.06e-004	-1.24e-002
301	436	-0.11	9.99e-004	1.34e-003	0.30	-9.32e-002	4.18e-002
	437	0.11	-9.99e-004	-1.34e-003	-0.30	1.16e-002	1.91e-002
302	435	0.30	9.94e-004	3.85e-003	0.27	-0.29	2.66e-003
	436	-0.30	-9.94e-004	-3.85e-003	-0.27	5.73e-002	5.80e-002
303	376	0.00	-1.16e-002	5.33e-015	0.32	-1.71e-013	-0.34
	219	0.00	1.16e-002	-5.33e-015	-0.32	-5.68e-014	-0.36
304	218	0.00	-1.14e-002	-5.33e-015	0.31	-5.68e-014	-0.37
	376	0.00	1.14e-002	5.33e-015	-0.31	-1.14e-013	-0.32
305	375	7.11e-015	-1.10e-002	5.33e-015	0.30	0.00	-0.38
	218	-7.11e-015	1.10e-002	-5.33e-015	-0.30	5.68e-014	-0.28
306	190	0.00	-7.92e-003	0.00	0.30	1.14e-013	-0.27
	375	0.00	7.92e-003	0.00	-0.30	0.00	-0.21
307	434	0.73	6.91e-004	9.28e-003	0.18	-0.82	-3.05e-002

435	-0.73	-6.91e-004	-9.28e-003	-0.18	0.25	7.26e-002
308 413	1.22	-3.36e-003	1.60e-002	-4.18e-003	-2.02	-0.28
434	-1.22	3.36e-003	-1.60e-002	4.18e-003	1.05	7.34e-002
309 412	1.40	1.90e-003	-4.29e-002	-0.42	-1.83	-0.11
413	-1.40	-1.90e-003	4.29e-002	0.42	4.18	0.21
310 411	1.26	-3.74e-004	-1.88e-002	-0.75	-0.62	-0.11
412	-1.26	3.74e-004	1.88e-002	0.75	1.65	9.14e-002
311 372	0.00	1.93e-002	-1.78e-015	-0.72	0.00	0.29
190	0.00	-1.93e-002	1.78e-015	0.72	5.68e-014	0.77
312 217	0.00	4.22e-003	1.78e-015	-0.88	-2.84e-014	3.44e-002
372	0.00	-4.22e-003	-1.78e-015	0.88	8.53e-014	0.20
313 371	0.00	4.60e-003	3.55e-015	-0.95	2.84e-014	2.64e-002
217	0.00	-4.60e-003	-3.55e-015	0.95	1.42e-013	0.23
314 216	1.42e-014	4.38e-003	4.44e-015	-0.97	8.53e-014	4.48e-002
371	-1.42e-014	-4.38e-003	-4.44e-015	0.97	-2.84e-014	0.20
315 410	1.13	-4.66e-004	-7.23e-003	-0.89	-0.20	-0.10
411	-1.13	4.66e-004	7.23e-003	0.89	0.60	7.66e-002
316 409	1.01	-2.36e-004	-2.78e-003	-0.95	-5.18e-002	-8.52e-002
410	-1.01	2.36e-004	2.78e-003	0.95	0.20	7.22e-002
317 408	0.89	-2.74e-004	-1.42e-003	-0.96	2.19e-002	-7.82e-002
409	-0.89	2.74e-004	1.42e-003	0.96	5.64e-002	6.32e-002
318 407	0.77	-3.32e-004	-1.72e-003	-0.96	0.12	-7.05e-002
408	-0.77	3.32e-004	1.72e-003	0.96	-2.13e-002	5.23e-002
319 368	-1.42e-014	4.45e-003	-1.78e-015	-0.98	-1.14e-013	4.98e-002
216	1.42e-014	-4.45e-003	1.78e-015	0.98	2.84e-014	0.19
320 215	7.11e-015	4.51e-003	-8.88e-016	-0.97	-2.84e-014	6.61e-002
368	-7.11e-015	-4.51e-003	8.88e-016	0.97	1.14e-013	0.18
321 367	-7.11e-015	4.09e-003	8.88e-016	-0.95	2.84e-014	5.27e-002
215	7.11e-015	-4.09e-003	-8.88e-016	0.95	-5.68e-014	0.17
322 214	0.00	4.87e-003	0.00	-0.86	7.11e-014	0.12
367	0.00	-4.87e-003	0.00	0.86	-7.11e-014	0.15
323 406	0.65	-9.39e-005	-4.15e-003	-0.94	0.35	-5.13e-002
407	-0.65	9.39e-005	4.15e-003	0.94	-0.12	4.62e-002
324 405	0.52	-5.43e-004	-1.31e-002	-0.89	1.04	-6.46e-002
406	-0.52	5.43e-004	1.31e-002	0.89	-0.32	3.48e-002
325 404	0.37	-5.91e-004	-4.56e-002	-0.61	3.27	-2.26e-002
405	-0.37	5.91e-004	4.56e-002	0.61	-0.76	-9.95e-003
326 363	0.46	-2.62e-002	-3.71e-002	2.16	3.61	-0.83
404	-0.46	2.62e-002	3.71e-002	-2.16	-1.57	-0.61
327 364	0.00	5.44e-003	-8.88e-016	-0.50	7.11e-014	7.84e-002
214	0.00	-5.44e-003	8.88e-016	0.50	-7.11e-014	0.22
328 187	0.00	4.84e-002	3.55e-015	2.23	-4.26e-014	1.59
364	0.00	-4.84e-002	-3.55e-015	-2.23	9.24e-014	1.07
389 362	0.25	1.04e-002	-3.29e-002	-2.22	0.49	0.36
363	-0.25	-1.04e-002	3.29e-002	2.22	1.62	0.31
390 361	0.11	2.47e-004	2.26e-002	3.41e-002	0.16	-4.35e-003
362	-0.11	-2.47e-004	-2.26e-002	-3.41e-002	-1.61	2.01e-002
391 302	0.00	8.31e-003	-2.22e-016	-2.28	-5.33e-014	-7.01e-003
187	0.00	-8.31e-003	2.22e-016	2.28	1.69e-014	0.54
392 213	0.00	4.00e-003	9.44e-016	-5.32e-002	-2.49e-014	0.14
302	0.00	-4.00e-003	-9.44e-016	5.32e-002	4.26e-014	0.11

393	301	0.00	4.72e-003	-2.22e-016	0.11	-3.91e-014	0.14
	213	0.00	-4.72e-003	2.22e-016	-0.11	2.84e-014	0.16
394	212	-7.11e-015	4.35e-003	-2.22e-016	0.16	3.55e-014	0.16
	301	7.11e-015	-4.35e-003	2.22e-016	-0.16	-1.42e-014	0.12
395	360	-2.35e-002	-3.84e-004	6.67e-003	0.14	8.37e-002	-1.34e-002
	361	2.35e-002	3.84e-004	-6.67e-003	-0.14	-0.51	-1.12e-002
396	359	-0.20	-3.08e-004	1.94e-003	0.16	3.08e-002	5.95e-003
	360	0.20	3.08e-004	-1.94e-003	-0.16	-0.15	-2.57e-002
397	358	-0.38	-4.17e-004	6.38e-004	0.17	7.06e-003	1.61e-002
	359	0.38	4.17e-004	-6.38e-004	-0.17	-4.79e-002	-4.27e-002
398	357	-0.56	-4.01e-004	3.52e-004	0.17	-8.30e-003	3.25e-002
	358	0.56	4.01e-004	-3.52e-004	-0.17	-1.42e-002	-5.82e-002
399	298	0.00	4.46e-003	-1.78e-015	0.17	1.42e-014	0.17
	212	0.00	-4.46e-003	1.78e-015	-0.17	-2.84e-014	0.11
400	211	0.00	4.46e-003	1.33e-015	0.17	0.00	0.19
	298	0.00	-4.46e-003	-1.33e-015	-0.17	-2.84e-014	0.10
401	297	0.00	4.31e-003	-4.44e-016	0.17	-1.42e-014	0.19
	211	0.00	-4.31e-003	4.44e-016	-0.17	5.68e-014	8.52e-002
402	210	-7.11e-015	4.79e-003	1.78e-015	0.17	0.00	0.24
	297	7.11e-015	-4.79e-003	-1.78e-015	-0.17	-2.84e-014	6.38e-002
403	356	-0.74	-3.11e-004	5.92e-004	0.17	-3.72e-002	4.70e-002
	357	0.74	3.11e-004	-5.92e-004	-0.17	-7.08e-004	-6.69e-002
404	355	-0.92	-7.91e-004	1.62e-003	0.16	-0.12	4.62e-002
	356	0.92	7.91e-004	-1.62e-003	-0.16	1.73e-002	-0.10
405	354	-1.10	-6.31e-004	4.20e-003	0.12	-0.36	6.92e-002
	355	1.10	6.31e-004	-4.20e-003	-0.12	8.93e-002	-0.11
406	333	-1.25	6.36e-004	8.31e-003	3.52e-002	-0.93	0.16
	354	1.25	-6.36e-004	-8.31e-003	-3.52e-002	0.39	-0.11
407	294	7.11e-015	4.94e-003	2.66e-015	0.16	2.84e-014	0.23
	210	-7.11e-015	-4.94e-003	-2.66e-015	-0.16	0.00	8.97e-002
408	181	0.00	2.69e-002	2.66e-015	0.15	2.84e-014	1.21
	294	0.00	-2.69e-002	-2.66e-015	-0.15	-2.84e-014	0.50
409	332	-1.10	-3.69e-003	-1.40e-002	-0.12	-0.62	4.68e-002
	333	1.10	3.69e-003	1.40e-002	0.12	1.41	-0.25
410	331	-0.77	9.67e-005	-6.32e-003	-0.24	-0.20	5.78e-002
	332	0.77	-9.67e-005	6.32e-003	0.24	0.56	-5.24e-002
411	292	0.00	1.22e-002	-1.78e-015	-0.24	0.00	0.17
	181	0.00	-1.22e-002	1.78e-015	0.24	-5.68e-014	0.52
412	209	0.00	-7.04e-003	-3.55e-015	-0.29	0.00	-0.12
	292	0.00	7.04e-003	3.55e-015	0.29	0.00	-0.27
413	291	0.00	-7.37e-003	-1.78e-015	-0.31	0.00	-0.18
	209	0.00	7.37e-003	1.78e-015	0.31	5.68e-014	-0.24
414	208	0.00	-8.05e-003	3.55e-015	-0.31	0.00	-0.20
	291	0.00	8.05e-003	-3.55e-015	0.31	0.00	-0.25
415	330	-0.52	4.54e-004	-2.46e-003	-0.29	-6.21e-002	5.83e-002
	331	0.52	-4.54e-004	2.46e-003	0.29	0.20	-3.29e-002
416	329	-0.30	6.42e-004	-9.41e-004	-0.31	-1.44e-002	3.91e-002
	330	0.30	-6.42e-004	9.41e-004	0.31	6.71e-002	-3.14e-003
417	328	-7.46e-002	5.15e-004	-4.89e-004	-0.31	1.01e-002	2.13e-002
	329	7.46e-002	-5.15e-004	4.89e-004	0.31	1.72e-002	7.57e-003
418	327	0.15	4.60e-004	-6.22e-004	-0.31	4.46e-002	-9.18e-004

	328	-0.15	-4.60e-004	6.22e-004	0.31	-9.77e-003	2.67e-002
419	288	0.00	-7.90e-003	0.00	-0.31	-5.68e-014	-0.22
	208	0.00	7.90e-003	0.00	0.31	-5.68e-014	-0.23
420	207	0.00	-7.87e-003	0.00	-0.31	0.00	-0.23
	288	0.00	7.87e-003	0.00	0.31	-5.68e-014	-0.21
421	287	0.00	-8.25e-003	1.78e-015	-0.30	1.14e-013	-0.27
	207	0.00	8.25e-003	-1.78e-015	0.30	5.68e-014	-0.20
422	206	0.00	-7.30e-003	1.78e-015	-0.26	0.00	-0.23
	287	0.00	7.30e-003	-1.78e-015	0.26	0.00	-0.18
423	326	0.37	7.70e-004	-1.63e-003	-0.31	0.13	-1.10e-003
	327	-0.37	-7.70e-004	1.63e-003	0.31	-4.37e-002	4.42e-002
424	325	0.59	3.32e-004	-5.86e-003	-0.29	0.43	-5.21e-002
	326	-0.59	-3.32e-004	5.86e-003	0.29	-0.10	7.07e-002
425	324	0.83	4.20e-004	-2.27e-002	-0.15	1.45	-2.06e-002
	325	-0.83	-4.20e-004	2.27e-002	0.15	-0.18	4.41e-002
426	283	1.38	-3.24e-002	4.07e-003	1.70	-5.21e-002	-1.29
	324	-1.38	3.24e-002	-4.07e-003	-1.70	-0.18	-0.53
427	284	0.00	-5.95e-003	0.00	-7.12e-002	0.00	-0.25
	206	0.00	5.95e-003	0.00	7.12e-002	0.00	-7.88e-002
428	176	0.00	2.68e-002	0.00	1.72	-5.68e-014	0.93
	284	0.00	-2.68e-002	0.00	-1.72	0.00	0.57
444	282	0.99	-1.38e-003	-5.21e-002	-2.15	-0.85	3.79e-002
	283	-0.99	1.38e-003	5.21e-002	2.15	3.67	-0.11
445	281	0.91	-4.28e-004	4.28e-003	-0.53	-8.61e-002	-0.11
	282	-0.91	4.28e-004	-4.28e-003	0.53	-0.15	8.29e-002
446	280	0.76	-4.51e-004	-7.32e-003	-0.40	0.50	-4.36e-002
	281	-0.76	4.51e-004	7.32e-003	0.40	-0.11	1.92e-002
447	279	0.49	-2.75e-003	-2.27e-002	-0.18	1.63	-0.18
	280	-0.49	2.75e-003	2.27e-002	0.18	-0.41	3.41e-002
448	278	-3.22e-002	3.29e-002	-5.53e-004	1.13	1.31	1.55
	279	3.22e-002	-3.29e-002	5.53e-004	-1.13	-1.28	0.22
449	205	7.11e-015	2.63e-002	3.55e-015	-2.19	-1.14e-013	0.29
	176	-7.11e-015	-2.63e-002	-3.55e-015	2.19	0.00	1.13
450	204	0.00	8.12e-003	3.55e-015	-0.63	0.00	0.18
	205	0.00	-8.12e-003	-3.55e-015	0.63	0.00	0.26
451	203	0.00	8.53e-003	0.00	-0.53	-1.14e-013	0.16
	204	0.00	-8.53e-003	0.00	0.53	-1.14e-013	0.30
452	202	7.11e-015	5.75e-003	-7.11e-015	-0.46	0.00	8.41e-002
	203	-7.11e-015	-5.75e-003	7.11e-015	0.46	1.14e-013	0.23
453	175	-7.11e-015	3.66e-002	-3.55e-015	0.37	-1.14e-013	1.21
	202	7.11e-015	-3.66e-002	3.55e-015	-0.37	0.00	0.77
454	101	-8.20	-0.98	4.16	17.11	-780.18	-274.55
	201	8.20	0.98	-4.16	-17.11	-717.94	-77.78
455	100	17.93	-7.26	0.50	17.11	-89.72	-1962.43
	200	-17.93	7.26	-0.50	-17.11	-90.81	-651.77
456	99	2.86	-142.42	-7.51	17.11	1598.70	-36789.65
	199	-2.86	142.42	7.51	-17.11	1103.81	-14483.30
457	98	3.42	96.64	-16.22	54.76	1714.49	26099.44
	198	-3.42	-96.64	16.22	-54.76	4126.17	8689.81
458	97	14.74	1.98	-1.32	17.11	434.46	471.92
	197	-14.74	-1.98	1.32	-17.11	41.41	241.74

459	96	-0.15	-1.07e-002	5.08	17.11	-903.50	-12.13
	196	0.15	1.07e-002	-5.08	-17.11	-927.09	8.30
460	95	-8.00	-0.70	4.13	17.11	-675.53	-142.97
	195	8.00	0.70	-4.13	-17.11	-811.18	-110.07
461	85	-2.38	-0.29	1.48	17.11	-249.84	-53.85
	185	2.38	0.29	-1.48	-17.11	-284.22	-51.15
462	92	4.88e-002	1.63e-003	1.64	17.11	-302.62	-18.26
	192	-4.88e-002	-1.63e-003	-1.64	-17.11	-286.54	18.85
463	93	10.23	0.25	1.16	17.11	-180.46	-3.65
	193	-10.23	-0.25	-1.16	-17.11	-237.97	92.93
464	94	-54.17	-19.75	0.56	17.11	-492.35	-5171.34
	194	54.17	19.75	-0.56	-17.11	289.25	-1937.50
465	91	19.55	22.41	0.65	17.11	-427.76	4890.87
	191	-19.55	-22.41	-0.65	-17.11	193.64	3176.94
466	90	-4.19	7.45e-002	0.83	17.11	-221.16	-23.54
	190	4.19	-7.45e-002	-0.83	-17.11	-78.36	50.36
467	89	-0.19	-0.16	1.40	17.11	-329.37	-65.53
	189	0.19	0.16	-1.40	-17.11	-175.58	7.74
468	84	2.08	-0.61	1.44	17.11	-296.77	-126.32
	184	-2.08	0.61	-1.44	-17.11	-222.62	-92.35
469	83	-3.41	-0.34	2.28	17.11	-395.83	-42.53
	183	3.41	0.34	-2.28	-17.11	-424.79	-80.09
470	86	-6.78	0.50	2.55	17.11	-441.26	105.82
	186	6.78	-0.50	-2.55	-17.11	-476.48	75.62
471	87	15.92	1.13	-1.94	17.11	548.26	211.36
	187	-15.92	-1.13	1.94	-17.11	150.40	194.93
472	88	6.18	-12.14	-4.03	17.11	692.89	-3327.16
	188	-6.18	12.14	4.03	-17.11	758.99	-1044.18
473	80	-0.22	0.38	0.62	17.11	-102.96	73.45
	180	0.22	-0.38	-0.62	-17.11	-119.45	62.72
474	81	3.20	0.77	-0.11	17.11	69.53	143.04
	181	-3.20	-0.77	0.11	-17.11	-29.59	134.88
475	82	-17.62	12.67	-1.34	17.11	183.63	2955.24
	182	17.62	-12.67	1.34	-17.11	298.51	1607.71
476	73	-2.21	0.37	1.63	17.11	-292.98	71.76
	173	2.21	-0.37	-1.63	-17.11	-292.39	60.76
477	76	7.11	1.02	-1.15	17.11	277.99	201.90
	176	-7.11	-1.02	1.15	-17.11	136.43	164.87
478	72	-0.49	0.33	0.92	17.11	-162.86	62.30
	172	0.49	-0.33	-0.92	-17.11	-168.58	55.11
479	79	-2.10	27.45	-3.59	17.11	670.06	6429.95
	179	2.10	-27.45	3.59	-17.11	622.30	3453.01
480	75	5.35	0.78	6.53e-002	17.11	50.80	130.55
	175	-5.35	-0.78	-6.53e-002	-17.11	-74.31	151.85
481	78	-5.93	-8.03	-1.44	17.11	235.07	-2423.65
	178	5.93	8.03	1.44	-17.11	283.43	-465.43
482	70	-0.80	0.35	1.50	17.11	-252.85	102.57
	170	0.80	-0.35	-1.50	-17.11	-288.85	22.51
483	69	-0.25	0.28	1.05	17.11	-190.87	86.86
	169	0.25	-0.28	-1.05	-17.11	-188.33	13.68
484	66	-0.19	-0.57	9.99e-001	17.11	-179.43	-87.64

	166	0.19	0.57	-9.99e-001	-17.11	-180.03	-118.39
485	67	0.75	-0.31	1.42	17.11	-241.62	-29.32
	167	-0.75	0.31	-1.42	-17.11	-270.48	-82.41
486	64	0.37	-2.92e-002	1.47	17.11	-250.51	38.25
	164	-0.37	2.92e-002	-1.47	-17.11	-279.33	-48.75
487	63	-0.12	-0.14	1.02	17.11	-186.07	9.55
	163	0.12	0.14	-1.02	-17.11	-179.77	-61.03
488	61	1.06	-1.27	1.15	17.11	-183.93	-210.15
	161	-1.06	1.27	-1.15	-17.11	-230.18	-247.05
489	60	-1.76	-1.80	0.74	17.11	-127.92	-318.22
	160	1.76	1.80	-0.74	-17.11	-139.70	-329.81
490	59	-2.37	-1.18	-4.36e-003	17.11	-8.40	-186.27
	159	2.37	1.18	4.36e-003	-17.11	9.97	-237.83
491	62	-0.11	-8.22e-002	0.26	17.11	-54.03	36.54
	162	0.11	8.22e-002	-0.26	-17.11	-37.77	-66.11
492	65	-0.16	-0.25	0.25	17.11	-51.86	-12.70
	165	0.16	0.25	-0.25	-17.11	-36.82	-76.75
493	68	-1.20	0.39	0.25	17.11	-53.10	111.14
	168	1.20	-0.39	-0.25	-17.11	-36.44	30.11
494	71	-0.93	0.53	0.38	17.11	-79.20	109.11
	171	0.93	-0.53	-0.38	-17.11	-56.87	80.57
495	74	7.33	1.66	-1.02	17.11	180.98	369.74
	174	-7.33	-1.66	1.02	-17.11	184.83	229.14
496	77	5.82	28.36	-1.92	17.11	343.64	6842.79
	177	-5.82	-28.36	1.92	-17.11	347.78	3365.34
497	166	0.00	-0.43	0.00	8.59	0.00	-51.86
	167	0.00	0.43	0.00	-8.59	0.00	-65.00
498	165	2.84e-014	-0.32	8.88e-016	7.10	0.00	-64.00
	166	-2.84e-014	0.32	-8.88e-016	-7.10	0.00	-57.73
499	163	-5.68e-014	0.40	-4.44e-016	6.77	2.84e-014	81.16
	160	5.68e-014	-0.40	4.44e-016	-6.77	2.84e-014	90.78
500	166	2.84e-014	0.46	2.22e-016	-15.28	-2.84e-014	88.49
	163	-2.84e-014	-0.46	-2.22e-016	15.28	0.00	91.67
501	169	0.00	0.34	-5.55e-017	-4.63	0.00	72.32
	166	0.00	-0.34	5.55e-017	4.63	-2.84e-014	74.56
502	172	-5.68e-014	0.67	1.67e-016	0.85	1.42e-014	103.64
	169	5.68e-014	-0.67	-1.67e-016	-0.85	0.00	96.45
503	160	-5.68e-014	-1.01	8.88e-016	6.79	-2.27e-013	-123.59
	161	5.68e-014	1.01	-8.88e-016	-6.79	-3.41e-013	-150.46
504	159	1.14e-013	-0.64	4.44e-016	7.45	-1.14e-013	-130.60
	160	-1.14e-013	0.64	-4.44e-016	-7.45	-1.14e-013	-113.06
505	162	-5.68e-014	0.82	-4.44e-016	-3.28	0.00	162.82
	159	5.68e-014	-0.82	4.44e-016	3.28	-1.14e-013	190.80
506	165	1.14e-013	0.90	4.44e-016	-20.73	-1.14e-013	175.59
	162	-1.14e-013	-0.90	-4.44e-016	20.73	-5.68e-014	175.71
507	168	-5.68e-014	0.75	0.00	-9.27	0.00	161.78
	165	5.68e-014	-0.75	0.00	9.27	-2.84e-014	160.71
508	171	0.00	1.42	0.00	0.64	5.68e-014	206.41
	168	0.00	-1.42	0.00	-0.64	7.11e-014	218.51
509	174	0.00	2.20	0.00	-15.01	-5.33e-014	419.97
	171	0.00	-2.20	0.00	15.01	-5.68e-014	239.39

510	177	5.68e-014	-2.07	-2.22e-016	-33.52	0.00	-487.93
	174	-5.68e-014	2.07	2.22e-016	33.52	-2.84e-014	-565.30
511	164	0.00	0.94	-1.33e-015	3.15	0.00	176.34
	161	0.00	-0.94	1.33e-015	-3.15	1.14e-013	226.50
512	167	0.00	0.57	8.88e-016	-45.60	-1.14e-013	118.00
	164	0.00	-0.57	-8.88e-016	45.60	-1.14e-013	102.99
513	170	0.00	0.61	2.22e-016	-19.74	0.00	111.68
	167	0.00	-0.61	-2.22e-016	19.74	-5.68e-014	150.54
514	173	-1.14e-013	1.41	-4.44e-016	2.77	5.68e-014	246.54
	170	1.14e-013	-1.41	4.44e-016	-2.77	5.68e-014	177.16
515	176	-5.68e-014	0.83	5.55e-017	-3.29	2.49e-014	185.17
	173	5.68e-014	-0.83	-5.55e-017	3.29	4.26e-014	64.19
516	179	2.84e-014	-3.27	5.55e-017	32.44	0.00	-762.83
	176	-2.84e-014	3.27	-5.55e-017	-32.44	2.84e-014	-902.48
517	186	-2.49e-014	1.10	0.00	4.17	-1.42e-014	210.26
	183	2.49e-014	-1.10	0.00	-4.17	-1.42e-014	228.10
518	187	4.26e-014	1.73	-5.55e-017	5.98	1.42e-014	317.47
	186	-4.26e-014	-1.73	5.55e-017	-5.98	0.00	201.57
519	188	8.88e-015	-4.42	1.11e-016	80.81	2.84e-014	-998.85
	187	-8.88e-015	4.42	-1.11e-016	-80.81	2.84e-014	-1254.01
520	196	0.00	2.66	-1.11e-016	-4.74	8.53e-014	525.83
	195	0.00	-2.66	1.11e-016	4.74	7.11e-014	531.71
521	197	-5.68e-014	2.63	0.00	-18.10	2.84e-014	521.21
	196	5.68e-014	-2.63	0.00	18.10	1.42e-014	267.03
522	198	0.00	-7.94	1.67e-016	-443.47	0.00	-1802.13
	197	0.00	7.94	-1.67e-016	443.47	2.84e-014	-2087.53
523	200	2.27e-013	6.89	-4.44e-016	69.66	4.44e-014	1141.41
	201	-2.27e-013	-6.89	4.44e-016	-69.66	7.11e-014	907.34
524	199	1.14e-013	-4.29	2.22e-016	676.19	-1.42e-014	-901.89
	200	-1.14e-013	4.29	-2.22e-016	-676.19	-5.68e-014	-1102.23
525	185	-1.42e-014	-0.48	6.66e-016	112.04	-1.14e-013	-148.66
	195	1.42e-014	0.48	-6.66e-016	-112.04	-5.68e-014	-112.19
526	184	-1.42e-014	0.54	1.11e-016	-7.79	5.68e-014	170.10
	185	1.42e-014	-0.54	-1.11e-016	7.79	5.68e-014	157.75
527	183	1.42e-014	-0.67	2.22e-016	-120.50	-1.14e-013	-149.61
	184	-1.42e-014	0.67	-2.22e-016	120.50	-8.53e-014	-218.80
528	196	3.55e-015	-0.28	-1.11e-016	-95.15	0.00	-77.35
	201	-3.55e-015	0.28	1.11e-016	95.15	-5.68e-014	-146.02
529	192	-1.78e-015	8.65e-003	-4.44e-016	126.64	-1.14e-013	-13.75
	196	1.78e-015	-8.65e-003	4.44e-016	-126.64	0.00	18.46
530	189	-8.88e-015	-2.50e-002	0.00	9.68	-5.68e-014	-20.36
	192	8.88e-015	2.50e-002	0.00	-9.68	-8.53e-014	5.10
531	186	7.11e-015	0.17	1.11e-016	-165.90	0.00	65.30
	189	-7.11e-015	-0.17	-1.11e-016	165.90	4.26e-014	28.10
532	180	-1.07e-014	6.63e-003	8.33e-017	35.70	-2.13e-014	-0.81
	186	1.07e-014	-6.63e-003	-8.33e-017	-35.70	5.68e-014	5.06
533	173	0.00	0.23	0.00	-83.75	0.00	66.14
	180	0.00	-0.23	0.00	83.75	0.00	63.53
534	172	-1.42e-014	-0.35	-1.78e-015	15.06	-4.55e-013	-44.50
	173	1.42e-014	0.35	1.78e-015	-15.06	-4.55e-013	-49.46
535	171	1.42e-014	0.49	8.88e-016	5.14	0.00	88.92

	172	-1.42e-014	-0.49	-8.88e-016	-5.14	0.00	97.80
536	174	0.00	0.65	8.88e-016	93.65	4.55e-013	190.80
	175	0.00	-0.65	-8.88e-016	-93.65	2.27e-013	56.05
537	198	0.00	-10.95	-3.33e-016	-62.15	2.27e-013	107.35
	199	0.00	10.95	3.33e-016	62.15	1.71e-013	-8841.31
538	194	0.00	-10.30	4.44e-016	45.25	1.14e-013	-5906.68
	198	0.00	10.30	-4.44e-016	-45.25	0.00	241.38
539	191	0.00	13.78	-2.22e-016	-101.36	5.68e-014	3987.30
	194	0.00	-13.78	2.22e-016	101.36	-5.68e-014	4415.48
540	188	2.84e-014	4.57	2.78e-016	-36.70	0.00	1501.95
	191	-2.84e-014	-4.57	-2.78e-016	36.70	1.42e-014	1010.10
541	182	2.84e-014	-4.28	-5.55e-017	-134.41	3.55e-014	-948.98
	188	-2.84e-014	4.28	5.55e-017	134.41	1.42e-014	-1790.72
542	179	2.84e-014	8.32	1.11e-016	-3.59	-2.84e-014	2157.52
	182	-2.84e-014	-8.32	-1.11e-016	3.59	-5.68e-014	2501.84
543	178	5.68e-014	5.50	0.00	-171.47	0.00	-227.97
	179	-5.68e-014	-5.50	0.00	171.47	0.00	1713.82
544	177	-2.84e-014	10.49	8.88e-016	-37.10	2.27e-013	3175.76
	178	2.84e-014	-10.49	-8.88e-016	37.10	0.00	809.29
545	66	0.00	-2.03	0.00	-7.98	2.84e-014	-247.91
	67	0.00	2.03	0.00	7.98	0.00	-301.39
546	65	1.42e-014	-1.23	0.00	-1.25	0.00	-259.99
	66	-1.42e-014	1.23	0.00	1.25	1.42e-014	-209.07
547	63	0.00	1.05	-1.11e-016	61.49	-8.53e-014	188.89
	60	0.00	-1.05	1.11e-016	-61.49	-1.14e-013	262.15
548	66	1.42e-014	0.91	-2.22e-016	-73.20	0.00	185.43
	63	-1.42e-014	-0.91	2.22e-016	73.20	0.00	171.26
549	69	0.00	0.74	-1.67e-016	18.78	-2.84e-014	151.66
	66	0.00	-0.74	1.67e-016	-18.78	1.42e-014	165.68
550	72	2.84e-014	1.59	0.00	-67.24	-5.68e-014	264.08
	69	-2.84e-014	-1.59	0.00	67.24	-9.95e-014	214.11
551	60	2.84e-014	-3.36	8.88e-016	-19.26	0.00	-394.79
	61	-2.84e-014	3.36	-8.88e-016	19.26	-5.68e-014	-513.18
552	59	-1.42e-014	-2.13	0.00	-7.04	2.84e-014	-458.57
	60	1.42e-014	2.13	0.00	7.04	2.84e-014	-350.35
553	62	1.42e-014	0.47	0.00	24.27	-2.84e-014	89.10
	59	-1.42e-014	-0.47	0.00	-24.27	-5.68e-014	113.62
554	65	0.00	0.48	1.11e-016	-43.68	0.00	95.26
	62	0.00	-0.48	-1.11e-016	43.68	-2.84e-014	93.20
555	68	1.42e-014	0.39	0.00	-0.12	2.84e-014	82.28
	65	-1.42e-014	-0.39	0.00	0.12	7.11e-015	83.83
556	71	0.00	0.57	1.67e-016	-39.93	2.84e-014	73.32
	68	0.00	-0.57	-1.67e-016	39.93	-2.13e-014	98.72
557	74	-2.84e-014	1.95	-2.08e-016	71.60	-1.95e-014	403.91
	71	2.84e-014	-1.95	2.08e-016	-71.60	-3.55e-014	180.02
558	77	1.42e-014	-2.14	-2.78e-017	1483.66	1.07e-014	-507.44
	74	-1.42e-014	2.14	2.78e-017	-1483.66	7.11e-015	-584.42
559	64	-1.42e-014	1.17	1.11e-016	28.84	-5.68e-014	228.30
	61	1.42e-014	-1.17	-1.11e-016	-28.84	-2.84e-014	275.09
560	67	-1.42e-014	0.99	1.11e-016	-46.52	0.00	195.61
	64	1.42e-014	-0.99	-1.11e-016	46.52	-1.42e-014	190.07

561	70	-1.42e-014	0.92	-1.11e-016	3.14	1.42e-014	197.25
	67	1.42e-014	-0.92	1.11e-016	-3.14	7.11e-015	199.74
562	73	0.00	1.27	2.22e-016	-51.79	2.84e-014	159.87
	70	0.00	-1.27	-2.22e-016	51.79	2.13e-014	220.35
563	76	1.42e-014	5.03	3.19e-016	15.11	2.31e-014	1039.54
	73	-1.42e-014	-5.03	-3.19e-016	-15.11	1.78e-014	470.08
564	79	0.00	-6.57	-3.47e-018	367.80	-8.88e-016	-1577.41
	76	0.00	6.57	3.47e-018	-367.80	-8.88e-016	-1774.21
565	86	7.11e-015	2.87	8.33e-017	2.09	-1.42e-014	561.57
	83	-7.11e-015	-2.87	-8.33e-017	-2.09	2.13e-014	585.43
566	87	6.88e-015	0.93	-2.78e-017	-0.20	2.66e-014	173.30
	86	-6.88e-015	-0.93	2.78e-017	0.20	2.31e-014	104.42
567	88	2.78e-015	-8.06	0.00	-244.72	1.78e-015	-2151.56
	87	-2.78e-015	8.06	0.00	244.72	3.55e-015	-1957.72
568	96	-1.42e-014	4.84	-5.55e-017	2.12	-3.55e-014	860.43
	95	1.42e-014	-4.84	5.55e-017	-2.12	-2.49e-014	1064.66
569	97	-5.68e-014	11.03	0.00	84.51	-4.44e-015	2165.32
	96	5.68e-014	-11.03	0.00	-84.51	-1.07e-014	1143.56
570	98	-7.11e-015	-18.63	-3.47e-018	885.54	-2.66e-015	-4780.51
	97	7.11e-015	18.63	3.47e-018	-885.54	-3.55e-015	-4348.37
571	100	-2.84e-014	13.09	-1.39e-017	-761.55	3.20e-014	2261.25
	101	2.84e-014	-13.09	1.39e-017	761.55	6.04e-014	1632.29
572	99	2.84e-014	-4.98	2.78e-017	-9384.22	0.00	-681.96
	100	-2.84e-014	4.98	-2.78e-017	9384.22	0.00	-1647.05
573	85	0.00	0.29	5.55e-017	37.80	2.84e-014	6.57
	95	0.00	-0.29	-5.55e-017	-37.80	1.42e-014	149.49
574	84	7.11e-015	1.15	2.78e-017	-79.19	-1.42e-014	405.78
	85	-7.11e-015	-1.15	-2.78e-017	79.19	0.00	294.49
575	83	0.00	-0.83	-6.94e-017	-45.49	-3.55e-014	-319.85
	84	0.00	0.83	6.94e-017	45.49	-3.20e-014	-136.45
576	96	8.44e-015	1.68	0.00	-52.50	1.42e-014	498.01
	101	-8.44e-015	-1.68	0.00	52.50	0.00	853.92
577	92	1.78e-014	1.09	1.11e-016	97.42	2.84e-014	309.95
	96	-1.78e-014	-1.09	-1.11e-016	-97.42	-2.84e-014	283.13
578	89	-2.66e-015	1.63	0.00	-80.92	-1.42e-014	542.51
	92	2.66e-015	-1.63	0.00	80.92	-3.55e-014	453.56
579	86	2.58e-014	0.84	-9.71e-017	-27.97	0.00	69.25
	89	-2.58e-014	-0.84	9.71e-017	27.97	-2.13e-014	395.02
580	80	-1.78e-015	-0.48	-1.39e-017	23.95	-8.88e-015	-127.08
	86	1.78e-015	0.48	1.39e-017	-23.95	-1.42e-014	-179.88
581	73	-1.78e-015	-0.19	-1.11e-016	-95.99	0.00	-51.65
	80	1.78e-015	0.19	1.11e-016	95.99	1.42e-014	-53.36
582	72	1.78e-015	-1.35	0.00	24.44	0.00	-166.19
	73	-1.78e-015	1.35	0.00	-24.44	0.00	-198.37
583	71	8.88e-016	-0.85	0.00	-24.48	5.68e-014	-219.97
	72	-8.88e-016	0.85	0.00	24.48	5.68e-014	-102.67
584	97	0.00	8.41	1.11e-016	109.79	0.00	1746.88
	100	0.00	-8.41	-1.11e-016	-109.79	-2.84e-014	4984.76
585	93	-5.33e-015	-0.47	-1.11e-016	-281.92	2.84e-014	350.23
	97	5.33e-015	0.47	1.11e-016	281.92	1.42e-014	-608.19
586	90	-7.11e-015	2.06	-5.55e-017	-97.59	0.00	627.42

	93	7.11e-015	-2.06	5.55e-017	97.59	0.00	629.32
587	87	-1.78e-015	1.85	1.39e-017	277.35	-1.42e-014	315.67
	90	1.78e-015	-1.85	-1.39e-017	-277.35	1.78e-014	702.99
588	81	1.78e-015	-1.83e-002	-6.94e-018	-209.83	5.33e-015	33.66
	87	-1.78e-015	1.83e-002	6.94e-018	209.83	2.13e-014	-45.35
589	76	-3.55e-015	-0.64	0.00	16.20	0.00	-231.14
	81	3.55e-015	0.64	0.00	-16.20	-1.42e-014	-128.79
590	75	-2.84e-014	0.43	-8.88e-016	-169.30	2.27e-013	213.86
	76	2.84e-014	-0.43	8.88e-016	169.30	1.71e-013	-98.18
591	74	-1.42e-014	-3.65	2.22e-016	-42.55	0.00	-1036.78
	75	1.42e-014	3.65	-2.22e-016	42.55	0.00	-349.50
592	98	0.00	1307.07	2.78e-017	-22.63	0.00	170110.39
	99	0.00	1086.38	-2.78e-017	22.63	1.42e-014	-82075.23
593	94	0.00	713.12	0.00	-581.68	2.84e-014	62623.05
	98	0.00	937.71	0.00	581.68	2.84e-014	-124416.37
594	91	-7.11e-015	952.62	5.55e-017	4.05	2.84e-014	96459.69
	94	7.11e-015	877.38	-5.55e-017	-4.05	1.42e-014	-73512.78
595	88	0.00	839.74	4.16e-017	355.25	-1.42e-014	86937.17
	91	0.00	810.28	-4.16e-017	-355.25	-3.20e-014	-78837.35
596	82	-7.11e-015	968.27	4.16e-017	-164.99	-1.78e-015	99996.28
	88	7.11e-015	951.73	-4.16e-017	164.99	7.11e-015	-94700.77
597	79	0.00	771.83	1.11e-016	112.97	0.00	56333.61
	82	0.00	908.17	-1.11e-016	-112.97	0.00	-94508.23
598	78	-2.84e-014	340.97	-8.88e-016	-314.36	-1.14e-013	26242.35
	79	2.84e-014	469.03	8.88e-016	314.36	-1.14e-013	-43531.71
599	77	-1.42e-014	525.06	-2.22e-016	9.61	-1.14e-013	14945.16
	78	1.42e-014	614.94	2.22e-016	-9.61	-1.14e-013	-32022.74
648	122	0.00	2.10e-002	0.00	40.79	-3.69e-013	5.94
	47	0.00	-2.10e-002	0.00	-40.79	-3.98e-013	-3.27
649	121	2.84e-014	0.20	1.78e-015	58.66	-3.41e-013	20.77
	122	-2.84e-014	-0.20	-1.78e-015	-58.66	-3.41e-013	4.03
650	120	0.00	-1.21e-002	-5.33e-015	145.34	0.00	-0.63
	121	0.00	1.21e-002	5.33e-015	-145.34	0.00	-0.91
651	48	2.84e-014	-2.38	0.00	558.91	-1.14e-013	-70.92
	120	-2.84e-014	2.38	0.00	-558.91	-1.14e-013	-231.19
652	119	0.00	0.68	0.00	17.14	2.27e-013	24.92
	46	0.00	-0.68	0.00	-17.14	-5.68e-013	25.91
653	118	5.68e-014	0.68	-1.78e-015	5.03	-6.25e-013	27.95
	119	-5.68e-014	-0.68	1.78e-015	-5.03	-7.39e-013	23.24
654	117	-1.14e-013	0.63	8.88e-015	2.11	-8.24e-013	24.91
	118	1.14e-013	-0.63	-8.88e-015	-2.11	2.84e-014	22.60
655	47	-5.68e-014	0.50	2.90e-015	-11.71	-5.61e-013	22.51
	117	5.68e-014	-0.50	-2.90e-015	11.71	-4.41e-013	14.90
656	116	0.00	0.18	-3.55e-015	13.79	0.00	7.43
	41	0.00	-0.18	3.55e-015	-13.79	2.27e-013	10.92
657	115	0.00	0.34	-3.55e-015	4.11	-1.14e-013	16.62
	116	0.00	-0.34	3.55e-015	-4.11	0.00	17.26
658	114	0.00	0.39	0.00	0.29	2.27e-013	18.79
	115	0.00	-0.39	0.00	-0.29	-1.14e-013	20.18
659	46	0.00	0.40	5.33e-015	-10.64	-2.27e-013	21.43
	114	0.00	-0.40	-5.33e-015	10.64	-3.41e-013	18.72

660	113	1463.26	132.34	-95.96	-3319.55	1634.55	-12295.22
	48	-1463.26	-132.34	95.96	3319.55	7482.11	24867.66
661	112	1054.69	49.66	-22.98	845.30	313.45	-4717.67
	113	-1054.69	-49.66	22.98	-845.30	1869.95	9435.56
662	111	984.56	35.96	14.32	1668.34	-2326.56	191.69
	112	-984.56	-35.96	-14.32	-1668.34	966.36	3224.49
663	5	1111.34	56.02	-11.42	647.80	1706.30	7080.71
	111	-1111.34	-56.02	11.42	-647.80	-621.23	-1759.01
664	110	11.19	-14.21	5.30	-340.48	-222.92	138.03
	47	-11.19	14.21	-5.30	340.48	-280.61	-1487.87
665	109	50.39	-4.05	3.39	-164.30	-259.40	-381.99
	110	-50.39	4.05	-3.39	164.30	-62.90	-2.84
666	108	107.51	-1.27	0.78	56.46	-83.01	-673.14
	109	-107.51	1.27	-0.78	-56.46	9.17	552.33
667	4	226.14	-6.79	-18.10	207.32	363.26	-1479.39
	108	-226.14	6.79	18.10	-207.32	1356.44	834.02
668	107	-1.52	-8.22	10.01	-66.02	-438.76	249.39
	46	1.52	8.22	-10.01	66.02	-512.55	-1030.23
669	106	-2.30	-2.56	7.88	-73.96	-442.53	-81.76
	107	2.30	2.56	-7.88	73.96	-306.40	-161.13
670	105	-1.29	-2.96	4.66	-59.67	-178.60	-498.24
	106	1.29	2.96	-4.66	59.67	-263.70	216.58
671	3	1.36	-11.85	20.53	-41.34	-1349.36	-1721.20
	105	-1.36	11.85	-20.53	41.34	-600.96	595.05
672	104	-13.60	-3.92	1.79	-81.33	-50.34	166.31
	41	13.60	3.92	-1.79	81.33	-119.73	-538.91
673	103	-49.90	-1.78	0.87	8.75	-74.58	-50.94
	104	49.90	1.78	-0.87	-8.75	-8.22	-118.16
674	102	-91.63	-1.92	1.70	7.31	-157.04	-286.21
	103	91.63	1.92	-1.70	-7.31	-4.05	103.40
675	1	-161.31	-5.05	17.73	-92.85	-1050.14	-817.94
	102	161.31	5.05	-17.73	92.85	-634.26	337.89
676	54	4.88e-015	-0.29	-2.78e-017	17.25	-1.42e-014	-30.34
	57	-4.88e-015	0.29	2.78e-017	-17.25	0.00	-203.60
677	50	1.78e-015	4.37	1.39e-017	-153.26	-1.07e-014	805.96
	54	-1.78e-015	-4.37	-1.39e-017	153.26	0.00	1574.77
678	47	1.60e-014	-4.57	0.00	32.24	0.00	-1769.46
	50	-1.60e-014	4.57	0.00	-32.24	0.00	-1015.57
679	53	0.00	-0.79	-1.39e-017	-0.20	-1.42e-014	-247.22
	58	0.00	0.79	1.39e-017	0.20	-2.13e-014	-388.84
680	49	2.84e-014	-0.33	9.71e-017	42.02	-1.78e-014	-3.16
	53	-2.84e-014	0.33	-9.71e-017	-42.02	-2.13e-014	-174.59
681	46	2.13e-014	-2.39	0.00	9.19	0.00	-1046.38
	49	-2.13e-014	2.39	0.00	-9.19	0.00	-410.40
682	42	2.84e-014	-1.16	6.94e-017	18.71	-1.07e-014	-268.56
	52	-2.84e-014	1.16	-6.94e-017	-18.71	-1.42e-014	-368.58
683	41	0.00	-1.28	0.00	28.42	0.00	-571.73
	42	0.00	1.28	0.00	-28.42	0.00	-211.17
684	53	-1.42e-014	0.63	0.00	-10.93	5.68e-014	99.38
	52	1.42e-014	-0.63	0.00	10.93	2.84e-014	151.37
685	54	0.00	7.16	1.11e-015	-248.38	-2.84e-014	1649.13

	53	0.00	-7.16	-1.11e-015	248.38	-2.84e-014	498.83
686	55	0.00	-18.07	1.11e-016	-3986.70	4.26e-014	-4552.43
	54	0.00	18.07	-1.11e-016	3986.70	0.00	-4301.46
687	57	-1.14e-013	3.39	2.22e-016	393.87	-5.68e-014	836.01
	58	1.14e-013	-3.39	-2.22e-016	-393.87	-1.14e-013	172.45
688	56	-5.68e-014	-8.78	0.00	1954.28	-2.84e-014	-1949.03
	57	5.68e-014	8.78	0.00	-1954.28	2.84e-014	-2155.21
689	55	-2.13e-014	10.58	2.78e-017	-50.49	1.42e-014	9817.55
	56	2.13e-014	-10.58	-2.78e-017	50.49	7.11e-015	-1379.43
690	51	-2.84e-014	1070.88	2.22e-016	-276.49	-8.17e-014	108428.38
	55	2.84e-014	855.09	-2.22e-016	276.49	-9.24e-014	-49055.67
691	48	0.00	997.32	0.00	1104.12	0.00	73774.34
	51	0.00	1137.68	0.00	-1104.12	2.84e-014	-116583.86
692	34	528.74	27.88	-0.42	6.30	-7.84	3140.71
	77	-528.74	-27.88	0.42	-6.30	154.18	6618.71
693	31	7.77	-0.32	5.83e-002	6.30	-62.49	-116.11
	74	-7.77	0.32	-5.83e-002	-6.30	42.09	5.53
694	28	-3.16	-1.32	0.87	6.30	-155.98	-243.90
	71	3.16	1.32	-0.87	-6.30	-149.65	-217.54
695	25	-1.38	-1.09	0.78	6.30	-145.37	-230.45
	68	1.38	1.09	-0.78	-6.30	-127.90	-150.95
696	22	-1.30	-1.39	0.77	6.30	-144.44	-283.43
	65	1.30	1.39	-0.77	-6.30	-125.99	-203.72
697	19	-0.12	-1.04	0.78	6.30	-145.56	-259.78
	62	0.12	1.04	-0.78	-6.30	-128.28	-104.49
698	16	-4.97	-1.73	0.65	6.30	-130.88	-357.02
	59	4.97	1.73	-0.65	-6.30	-98.18	-248.03
699	35	949.97	-14.51	-7.19e-002	6.30	-63.75	-1723.17
	78	-949.97	14.51	7.19e-002	-6.30	88.91	-3356.74
700	32	9.42	-1.47	-1.68e-002	6.30	-70.07	-248.60
	75	-9.42	1.47	1.68e-002	-6.30	75.95	-266.19
701	29	0.60	-1.52	0.94	6.30	-180.31	-266.51
	72	-0.60	1.52	-0.94	-6.30	-150.14	-263.92
702	26	-1.11	-1.18	1.05	6.30	-192.38	-241.13
	69	1.11	1.18	-1.05	-6.30	-174.90	-172.87
703	23	-0.82	-1.70	1.01	6.30	-187.53	-319.34
	66	0.82	1.70	-1.01	-6.30	-164.94	-277.37
704	20	1.54e-002	-1.21	1.05	6.30	-191.98	-279.16
	63	-1.54e-002	1.21	-1.05	-6.30	-174.07	-144.24
705	17	-4.04	-2.23	0.82	6.30	-166.60	-414.27
	60	4.04	2.23	-0.82	-6.30	-122.02	-365.43
706	36	1232.19	25.27	-1.69	6.30	109.83	2841.06
	79	-1232.19	-25.27	1.69	-6.30	480.01	6004.15
707	33	17.64	-1.10	-0.80	6.30	8.00	-205.86
	76	-17.64	1.10	0.80	-6.30	271.17	-178.53
708	30	-4.81	-1.48	1.28	6.30	-229.80	-262.10
	73	4.81	1.48	-1.28	-6.30	-216.54	-254.88
709	27	-1.15	-1.12	1.06	6.30	-204.55	-233.64
	70	1.15	1.12	-1.06	-6.30	-164.75	-157.50
710	24	2.85	-1.47	1.04	6.30	-203.06	-292.55
	67	-2.85	1.47	-1.04	-6.30	-161.70	-222.41

711	21	0.55	-1.08	1.07	6.30	-206.07	-264.22
	64	-0.55	1.08	-1.07	-6.30	-167.86	-113.61
712	18	3.26	-1.84	0.82	6.30	-178.06	-369.77
	61	-3.26	1.84	-0.82	-6.30	-110.42	-274.18
713	39	1858.82	10.52	5.54e-002	6.30	-113.73	1148.49
	82	-1858.82	-10.52	-5.54e-002	-6.30	94.33	2532.82
714	38	3.83	-1.35	-0.21	6.30	-83.41	-234.93
	81	-3.83	1.35	0.21	-6.30	156.50	-238.17
715	37	-0.52	-1.47	0.53	6.30	-168.00	-261.61
	80	0.52	1.47	-0.53	-6.30	-16.98	-253.88
716	45	1789.58	-18.07	-1.74	6.30	64.60	-2131.51
	88	-1789.58	18.07	1.74	-6.30	543.27	-4194.22
717	44	26.77	-1.13	-2.61	6.30	164.90	-209.28
	87	-26.77	1.13	2.61	-6.30	748.98	-185.56
718	43	-3.51	-1.32	1.31	6.30	-284.55	-244.47
	86	3.51	1.32	-1.31	-6.30	-172.81	-218.73
719	40	-7.11	-1.64	1.19	6.30	-271.27	-297.48
	83	7.11	1.64	-1.19	-6.30	-145.57	-275.43
720	48	1782.45	88.53	-10.67	33.10	2596.94	18252.65
	91	-1782.45	-88.53	10.67	-33.10	1137.30	12733.90
721	47	-3.98	9.31	-3.15	53.01	504.71	1906.06
	90	3.98	-9.31	3.15	-53.01	596.10	1353.96
722	46	0.59	6.90	-1.86	53.01	269.39	1412.59
	89	-0.59	-6.90	1.86	-53.01	382.32	1003.06
723	41	4.06	2.73	-1.62	33.10	236.15	558.86
	84	-4.06	-2.73	1.62	-33.10	329.84	395.86
724	51	1536.34	-26.85	5.96	33.10	-1173.87	-3667.27
	94	-1536.34	26.85	-5.96	-33.10	-913.76	-5731.57
725	50	7.70	6.08	-0.89	53.01	-51.70	1143.60
	93	-7.70	-6.08	0.89	-53.01	364.79	983.21
726	49	-0.50	4.56	0.26	53.01	-214.29	813.68
	92	0.50	-4.56	-0.26	-53.01	124.27	781.77
727	42	-3.24	2.06	-1.09e-002	33.10	-129.05	364.47
	85	3.24	-2.06	1.09e-002	-33.10	132.86	354.91
728	55	2229.57	26.98	-5.48	105.91	242.22	-9293.13
	98	-2229.57	-26.98	5.48	-105.91	1675.30	18735.28
729	54	53.28	6.80	-5.69	53.01	643.27	868.67
	97	-53.28	-6.80	5.69	-53.01	1347.62	1512.13
730	53	-5.74	5.32	6.04	53.01	-1163.62	980.12
	96	5.74	-5.32	-6.04	-53.01	-949.01	880.91
731	52	-13.13	1.95	2.68	33.10	-586.43	381.75
	95	13.13	-1.95	-2.68	-33.10	-351.30	301.28
732	56	1084.26	-135.91	-4.62	33.10	291.77	-11704.17
	99	-1084.26	135.91	4.62	-33.10	1325.12	-35865.84
733	57	27.58	-1.50	3.58	53.01	-894.62	1123.84
	100	-27.58	1.50	-3.58	-53.01	-358.06	-1647.56
734	58	-22.97	3.16	5.88	33.10	-1148.31	723.63
	101	22.97	-3.16	-5.88	-33.10	-908.29	380.81
735	15	-25.57	-4.38	-5.11	-39.53	964.36	-949.04
	58	25.57	4.38	5.11	39.53	977.76	-717.16
736	14	40.04	-1.86	-10.61	-60.25	1813.88	-956.60

	57	-40.04	1.86	10.61	60.25	2217.32	251.50
737	13	1064.91	30.47	-7.76	-39.53	1294.49	3198.38
	56	-1064.91	-30.47	7.76	39.53	1656.11	8380.04
738	9	-12.60	-4.17	-2.29	-39.53	416.50	-823.64
	52	12.60	4.17	2.29	39.53	453.70	-760.31
739	10	-12.74	-8.80	-3.15	-60.25	589.76	-1703.70
	53	12.74	8.80	3.15	60.25	606.91	-1638.74
740	11	73.85	-14.62	-8.12	-60.25	1204.92	-2537.92
	54	-73.85	14.62	8.12	60.25	1879.00	-3018.47
741	12	3077.17	-104.44	-22.98	-78.97	3406.74	-13787.25
	55	-3077.17	104.44	22.98	78.97	5326.62	-25898.51
742	2	-3.12	-4.50	-0.53	-39.53	62.85	-864.47
	42	3.12	4.50	0.53	39.53	138.77	-844.21
743	6	1.57	-6.38	-0.70	-39.53	83.63	-1196.37
	49	-1.57	6.38	0.70	39.53	181.46	-1227.24
744	7	16.63	-7.16	-0.92	-39.53	110.75	-1367.48
	50	-16.63	7.16	0.92	39.53	237.20	-1353.21
745	8	3744.90	-20.09	3.51	-39.53	-439.73	-3101.37
	51	-3744.90	20.09	-3.51	39.53	-893.92	-4534.27

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-1.58e-003	9.63e-003	-3.28e-003	4.17e-002	-0.32	0.13
	472	-1.92e-003	4.39e-003	-4.15e-003	7.95e-002	-0.16	0.22
	473	-4.94e-004	4.48e-003	-3.58e-003	0.24	-0.83	8.84e-003
	382	-1.54e-004	9.72e-003	-2.71e-003	0.13	-0.38	-8.13e-002
105	378	1.55e-004	8.55e-003	1.10e-003	-1.16e-003	-9.36e-002	0.23
	467	2.27e-004	9.66e-003	2.59e-004	9.96e-003	-7.99e-002	0.24
	472	-1.59e-003	9.54e-003	-1.54e-003	4.02e-002	-0.26	0.19
	381	-1.66e-003	8.44e-003	-7.02e-004	-1.43e-002	-0.19	0.18
106	377	-2.97e-004	6.17e-003	8.07e-004	-5.65e-003	-3.24e-002	0.26
	466	-8.30e-005	9.46e-003	2.53e-004	1.36e-003	-3.14e-002	0.26
	467	2.15e-004	9.48e-003	3.19e-004	5.91e-003	-9.40e-002	0.24
	378	9.61e-007	6.19e-003	8.72e-004	-1.26e-002	-7.07e-002	0.24
107	374	-2.64e-005	5.30e-003	1.16e-003	-3.79e-003	-1.13e-002	0.27
	465	1.42e-004	7.89e-003	4.79e-004	2.28e-005	-1.11e-002	0.27
	466	-1.87e-004	7.87e-003	4.96e-004	9.51e-004	-3.54e-002	0.26
	377	-3.55e-004	5.28e-003	1.17e-003	-8.20e-003	-2.55e-002	0.26
108	373	-2.47e-005	4.05e-003	1.22e-003	-1.89e-003	-3.93e-003	0.28
	464	1.11e-004	6.13e-003	3.63e-004	-1.15e-004	-3.74e-003	0.28
	465	2.73e-005	6.13e-003	3.30e-004	2.96e-004	-1.34e-002	0.27
	374	-1.08e-004	4.04e-003	1.19e-003	-4.42e-003	-8.94e-003	0.27
109	370	1.57e-006	2.94e-003	1.20e-003	-7.83e-004	-1.29e-003	0.28
	459	9.65e-005	4.40e-003	3.73e-004	-7.85e-005	-1.13e-003	0.28
	464	-2.57e-006	4.39e-003	3.95e-004	1.40e-004	-4.93e-003	0.28
	373	-9.75e-005	2.93e-003	1.22e-003	-2.05e-003	-3.05e-003	0.28
110	369	1.75e-005	1.77e-003	1.21e-003	-1.98e-004	-2.30e-004	0.28
	458	7.56e-005	2.67e-003	3.76e-004	-4.53e-005	-3.77e-005	0.28
	459	-1.63e-005	2.66e-003	3.65e-004	6.90e-005	-1.71e-003	0.28
	370	-7.43e-005	1.77e-003	1.20e-003	-8.26e-004	-9.47e-004	0.28
111	366	3.69e-005	6.25e-004	1.20e-003	1.77e-004	5.35e-004	0.28
	457	5.71e-005	9.37e-004	3.72e-004	-3.04e-005	8.79e-004	0.28
	458	-3.73e-005	9.31e-004	3.78e-004	3.54e-005	-3.55e-004	0.28
	369	-5.75e-005	6.19e-004	1.21e-003	-2.19e-004	-5.00e-005	0.28
112	365	5.62e-005	-5.28e-004	1.21e-003	4.55e-004	1.93e-003	0.28
	456	3.90e-005	-7.94e-004	3.77e-004	-1.61e-005	2.60e-003	0.28
	457	-5.57e-005	-8.00e-004	3.72e-004	9.45e-006	6.44e-004	0.28

	366	-3.85e-005	-5.34e-004	1.20e-003	1.27e-004	7.49e-004	0.28
113	303	7.33e-005	-1.68e-003	1.20e-003	2.11e-004	5.54e-003	0.28
	453	1.82e-005	-2.52e-003	3.69e-004	2.41e-005	6.68e-003	0.28
	456	-7.38e-005	-2.53e-003	3.74e-004	-8.42e-005	2.46e-003	0.28
	365	-1.87e-005	-1.68e-003	1.21e-003	2.83e-004	2.41e-003	0.28
114	300	1.01e-004	-2.84e-003	1.21e-003	-2.82e-003	1.50e-002	0.27
	452	9.49e-006	-4.25e-003	3.84e-004	-1.19e-004	1.64e-002	0.28
	453	-9.46e-005	-4.26e-003	3.82e-004	-5.67e-004	7.16e-003	0.28
	303	-2.75e-006	-2.85e-003	1.20e-003	-3.68e-004	6.95e-003	0.28
115	299	4.23e-005	-3.97e-003	1.22e-003	-1.54e-002	3.69e-002	0.27
	451	-8.80e-005	-5.97e-003	3.43e-004	-3.19e-003	4.01e-002	0.28
	452	-1.02e-004	-5.97e-003	3.29e-004	-2.91e-003	1.88e-002	0.28
	300	2.81e-005	-3.97e-003	1.20e-003	-4.54e-003	2.05e-002	0.27
116	296	3.39e-004	-5.22e-003	1.19e-003	-3.84e-002	7.29e-002	0.26
	450	1.79e-004	-7.67e-003	2.98e-004	-2.34e-002	0.11	0.27
	451	-2.00e-004	-7.70e-003	4.25e-004	-1.27e-002	3.92e-002	0.28
	299	-4.09e-005	-5.25e-003	1.32e-003	-1.83e-002	6.35e-002	0.27
117	295	-1.17e-004	-6.31e-003	1.44e-003	9.22e-002	0.12	0.20
	449	-3.30e-004	-9.60e-003	1.07e-003	2.18e-003	0.41	0.16
	450	5.57e-005	-9.58e-003	4.26e-004	-2.74e-002	2.23e-002	0.26
	296	2.69e-004	-6.29e-003	7.96e-004	-1.95e-002	0.18	0.30
118	245	-5.05e-003	-7.39e-003	2.65e-003	-1.32	0.56	0.27
	255	-5.47e-003	-1.39e-002	3.09e-003	4.26	1.12	-0.42
	449	-5.89e-004	-1.36e-002	3.11e-003	0.25	-0.51	-0.51
	295	-1.66e-004	-7.07e-003	2.67e-003	0.30	-0.18	0.18
119	290	-6.20e-003	1.48e-002	-6.76e-004	5.04e-002	-0.16	0.10
	381	-6.55e-003	9.31e-003	1.34e-003	2.39e-002	-0.29	0.13
	382	2.85e-003	9.92e-003	-8.60e-003	0.22	-0.28	-4.46e-002
	293	3.20e-003	1.54e-002	-1.06e-002	-7.03e-002	-0.19	-6.97e-002
120	289	-1.98e-004	7.47e-003	-7.26e-004	1.18e-002	-5.68e-002	0.22
	378	-1.29e-004	8.54e-003	1.00e-004	-1.76e-003	-8.96e-002	0.23
	381	-6.63e-003	8.11e-003	3.92e-003	7.73e-002	-0.15	0.17
	290	-6.70e-003	7.05e-003	3.10e-003	-2.46e-002	-0.10	0.15
121	286	-1.81e-004	3.25e-003	2.62e-003	-1.15e-003	-1.79e-002	0.26
	377	1.04e-005	6.19e-003	1.60e-003	-6.70e-003	-3.00e-002	0.26
	378	-2.83e-004	6.17e-003	-1.27e-004	1.19e-002	-5.95e-002	0.24
	289	-4.74e-004	3.23e-003	8.91e-004	-1.57e-002	-4.39e-002	0.24
122	285	-4.49e-006	2.69e-003	1.45e-003	-2.34e-003	-5.70e-003	0.27
	374	1.66e-004	5.31e-003	1.35e-003	-4.53e-003	-1.02e-002	0.27
	377	-4.72e-005	5.30e-003	1.97e-003	-6.04e-004	-2.14e-002	0.26
	286	-2.18e-004	2.67e-003	2.07e-003	-9.33e-003	-1.58e-002	0.26
123	265	-5.10e-005	2.02e-003	1.79e-003	-1.42e-003	-1.79e-003	0.28
	373	8.16e-005	4.06e-003	1.61e-003	-2.28e-003	-3.46e-003	0.28
	374	8.44e-005	4.06e-003	1.38e-003	-1.55e-003	-7.37e-003	0.27
	285	-4.82e-005	2.02e-003	1.57e-003	-4.69e-003	-5.33e-003	0.27
124	264	-1.58e-005	1.47e-003	1.66e-003	-6.30e-004	-5.15e-004	0.28
	370	7.98e-005	2.94e-003	1.53e-003	-9.84e-004	-1.12e-003	0.28
	373	8.79e-006	2.94e-003	1.61e-003	-9.14e-004	-2.45e-003	0.28
	265	-8.69e-005	1.46e-003	1.74e-003	-2.08e-003	-1.75e-003	0.28
125	263	-1.89e-006	8.85e-004	1.71e-003	-1.45e-004	-3.29e-005	0.28
	369	5.60e-005	1.78e-003	1.56e-003	-3.52e-004	-2.07e-004	0.28
	370	3.90e-006	1.77e-003	1.53e-003	-3.75e-004	-7.30e-004	0.28
	264	-5.40e-005	8.82e-004	1.68e-003	-8.23e-004	-5.30e-004	0.28
126	262	1.81e-005	3.13e-004	1.69e-003	2.17e-004	3.66e-004	0.28
	366	3.83e-005	6.25e-004	1.54e-003	-5.94e-005	4.43e-004	0.28
	369	-1.90e-005	6.22e-004	1.56e-003	-2.68e-005	-1.40e-006	0.28
	263	-3.93e-005	3.09e-004	1.70e-003	-2.43e-004	-4.21e-005	0.28

127	261	3.79e-005	-2.64e-004	1.70e-003	5.73e-004	1.23e-003	0.28
	365	2.06e-005	-5.30e-004	1.56e-003	-3.84e-005	1.65e-003	0.28
	366	-3.70e-005	-5.34e-004	1.54e-003	2.38e-004	6.88e-004	0.28
	262	-1.97e-005	-2.68e-004	1.69e-003	2.25e-005	3.95e-004	0.28
128	260	5.14e-005	-8.36e-004	1.68e-003	6.14e-004	3.71e-003	0.28
	303	-3.47e-006	-1.68e-003	1.53e-003	-8.11e-004	4.89e-003	0.28
	365	-5.43e-005	-1.68e-003	1.55e-003	3.58e-004	2.21e-003	0.28
	261	5.59e-007	-8.39e-004	1.71e-003	-5.54e-005	1.39e-003	0.28
129	259	9.42e-005	-1.42e-003	1.74e-003	-2.02e-003	1.10e-002	0.27
	300	1.62e-006	-2.85e-003	1.60e-003	-4.70e-003	1.36e-002	0.27
	303	-7.95e-005	-2.85e-003	1.53e-003	-4.88e-004	6.49e-003	0.28
	260	1.30e-005	-1.43e-003	1.66e-003	-1.48e-003	4.25e-003	0.27
130	258	7.36e-005	-1.97e-003	1.58e-003	-1.92e-002	3.31e-002	0.26
	299	-5.63e-005	-3.97e-003	1.40e-003	-1.91e-002	3.42e-002	0.27
	300	-7.16e-005	-3.97e-003	1.60e-003	-5.87e-003	1.98e-002	0.27
	259	5.83e-005	-1.97e-003	1.78e-003	-8.92e-003	1.20e-002	0.26
131	257	5.06e-005	-2.67e-003	1.96e-003	-0.10	0.10	0.24
	296	-1.17e-004	-5.25e-003	2.03e-003	-6.04e-002	6.41e-002	0.27
	299	-1.40e-004	-5.25e-003	1.49e-003	-2.68e-002	6.57e-002	0.27
	258	2.84e-005	-2.67e-003	1.42e-003	-4.19e-002	3.02e-002	0.24
132	256	-2.81e-003	-2.27e-003	1.71e-003	-0.37	0.23	0.25
	295	-3.08e-003	-6.51e-003	5.96e-004	-0.19	3.47e-002	0.34
	296	-1.87e-004	-6.32e-003	1.64e-003	-7.94e-002	0.22	0.28
	257	8.87e-005	-2.08e-003	2.75e-003	-0.17	8.68e-002	0.19
133	235	-2.91e-003	-2.35e-004	5.91e-003	-3.29	-0.97	0.11
	245	-3.36e-003	-7.28e-003	4.31e-003	2.29	0.46	0.19
	295	-3.13e-003	-7.26e-003	1.83e-003	-0.14	-0.25	0.22
	256	-2.67e-003	-2.20e-004	3.42e-003	-0.52	0.76	0.13
134	471	2.49e-003	1.62e-004	3.43e-002	9.12e-003	-1.32e-003	0.12
	290	3.48e-003	1.54e-002	6.00e-003	-4.19e-003	-0.11	8.97e-002
	293	3.57e-003	1.54e-002	-2.14e-002	0.11	-0.14	-5.98e-002
	200	2.58e-003	1.68e-004	6.94e-003	-0.21	-5.49e-002	-2.86e-002
135	470	-3.17e-004	-2.06e-005	3.65e-004	1.04e-002	-8.40e-003	0.21
	289	1.72e-004	7.50e-003	-1.59e-003	-4.66e-004	-4.19e-002	0.21
	290	2.98e-003	7.68e-003	9.77e-003	4.56e-002	-7.04e-002	0.15
	471	2.49e-003	1.62e-004	1.17e-002	-2.06e-002	-1.43e-002	0.14
136	229	-2.23e-004	-1.45e-005	3.55e-003	3.32e-003	-2.80e-003	0.26
	286	-1.02e-005	3.26e-003	3.22e-003	-3.99e-003	-1.34e-002	0.26
	289	-1.04e-004	3.25e-003	3.15e-005	1.62e-002	-3.10e-002	0.23
	470	-3.17e-004	-2.06e-005	3.65e-004	-1.21e-002	-6.48e-003	0.23
137	469	-5.84e-005	-3.80e-006	1.55e-003	7.58e-004	-7.78e-004	0.27
	285	1.17e-004	2.70e-003	1.53e-003	-2.97e-003	-4.30e-003	0.27
	286	-4.75e-005	2.69e-003	2.66e-003	3.00e-003	-1.10e-002	0.26
	229	-2.23e-004	-1.45e-005	2.68e-003	-5.55e-003	-2.53e-003	0.26
138	468	-6.59e-005	-4.28e-006	2.15e-003	1.16e-004	-2.05e-004	0.28
	265	6.58e-005	2.02e-003	2.04e-003	-1.54e-003	-1.35e-003	0.28
	285	7.33e-005	2.02e-003	1.66e-003	-1.73e-004	-3.58e-003	0.27
	469	-5.84e-005	-3.80e-006	1.76e-003	-2.09e-003	-9.06e-004	0.27
139	228	-3.50e-005	-2.27e-006	1.95e-003	5.89e-006	-4.44e-005	0.28
	264	6.09e-005	1.47e-003	1.86e-003	-6.73e-004	-3.94e-004	0.28
	265	3.00e-005	1.47e-003	1.99e-003	-4.73e-004	-1.13e-003	0.28
	468	-6.59e-005	-4.28e-006	2.08e-003	-7.32e-004	-3.13e-004	0.28
140	463	-2.04e-005	-1.32e-006	2.02e-003	3.55e-005	1.24e-005	0.28
	263	3.74e-005	8.87e-004	1.92e-003	-2.58e-004	-3.80e-005	0.28
	264	2.28e-005	8.86e-004	1.88e-003	-2.60e-004	-3.27e-004	0.28
	228	-3.50e-005	-2.27e-006	1.97e-003	-2.52e-004	-1.03e-004	0.28
141	462	-8.16e-007	-5.30e-008	1.99e-003	1.51e-004	6.81e-005	0.28

	262	1.95e-005	3.13e-004	1.90e-003	-1.25e-004	2.43e-004	0.28
	263	-1.17e-008	3.12e-004	1.92e-003	-3.96e-005	-3.07e-006	0.28
	463	-2.04e-005	-1.32e-006	2.01e-003	-9.66e-005	-1.93e-005	0.28
142	227	1.92e-005	1.25e-006	2.01e-003	4.60e-004	2.00e-004	0.28
	261	1.80e-006	-2.66e-004	1.92e-003	-3.89e-004	8.58e-004	0.28
	262	-1.82e-005	-2.68e-004	1.90e-003	1.39e-004	3.12e-004	0.28
	462	-8.16e-007	-5.30e-008	1.99e-003	-9.75e-005	4.96e-005	0.28
143	461	3.40e-005	2.21e-006	1.97e-003	1.31e-003	5.69e-004	0.28
	260	-2.07e-005	-8.41e-004	1.88e-003	-1.97e-003	2.68e-003	0.28
	261	-3.56e-005	-8.42e-004	1.93e-003	1.90e-004	1.07e-003	0.28
	227	1.92e-005	1.25e-006	2.02e-003	-3.16e-004	2.10e-004	0.28
144	460	6.22e-005	4.04e-006	2.09e-003	3.70e-003	1.62e-003	0.27
	259	-3.09e-005	-1.43e-003	2.00e-003	-8.54e-003	8.34e-003	0.27
	260	-5.91e-005	-1.43e-003	1.86e-003	-5.73e-004	3.19e-003	0.27
	461	3.40e-005	2.21e-006	1.95e-003	-1.19e-003	7.06e-004	0.27
145	226	5.32e-005	3.46e-006	1.78e-003	9.96e-003	4.63e-003	0.24
	258	-7.58e-005	-1.98e-003	1.65e-003	-3.34e-002	2.69e-002	0.24
	259	-6.68e-005	-1.98e-003	2.04e-003	-5.51e-003	8.58e-003	0.27
	460	6.22e-005	4.04e-006	2.18e-003	-4.25e-003	2.29e-003	0.26
146	455	1.09e-004	7.06e-006	2.69e-003	1.49e-002	1.14e-002	0.15
	257	-6.56e-005	-2.67e-003	2.69e-003	-0.13	8.74e-002	0.17
	258	-1.21e-004	-2.68e-003	1.49e-003	-3.05e-002	1.99e-002	0.24
	226	5.32e-005	3.46e-006	1.48e-003	-1.53e-002	8.32e-003	0.22
147	454	1.54e-003	1.00e-004	-1.35e-003	-8.01e-002	-3.54e-003	-0.12
	256	1.40e-003	-1.99e-003	-5.57e-004	-0.56	0.19	5.09e-003
	257	-2.74e-005	-2.09e-003	3.49e-003	-0.16	8.01e-002	0.20
	455	1.09e-004	7.06e-006	2.69e-003	-7.12e-002	4.23e-002	6.74e-002
148	197	-2.21e-003	-1.43e-004	-1.91e-003	-5.35	-0.87	-0.74
	235	-2.21e-003	-1.90e-004	1.09e-002	0.37	-1.01	0.29
	256	1.54e-003	5.38e-005	1.15e-003	-0.90	0.70	2.77e-002
	454	1.54e-003	1.00e-004	-1.16e-002	-0.53	0.58	-1.00
149	244	1.50e-003	-1.03e-002	-1.76e-003	0.25	-0.30	-8.87e-002
	254	1.02e-003	-1.76e-002	-4.33e-003	0.26	-0.55	0.59
	255	-5.74e-003	-1.80e-002	-2.13e-003	4.13	0.69	0.41
	245	-5.27e-003	-1.07e-002	4.41e-004	-1.24	0.35	-0.27
150	243	-1.56e-004	-9.78e-003	-2.14e-003	-2.99e-002	0.14	-0.15
	253	-4.20e-004	-1.38e-002	-3.20e-004	-2.82e-002	-8.62e-003	-0.12
	254	1.27e-003	-1.37e-002	-9.87e-004	1.20e-002	0.27	-5.35e-002
	244	1.54e-003	-9.67e-003	-2.81e-003	3.85e-002	3.83e-002	-8.27e-002
151	242	8.06e-005	-7.03e-003	-2.51e-003	-2.19e-002	4.78e-002	-0.11
	252	-1.47e-004	-1.05e-002	-7.92e-004	-1.23e-002	2.58e-002	-0.12
	253	-2.05e-004	-1.05e-002	-3.90e-004	-1.88e-002	6.30e-002	-0.12
	243	2.27e-005	-7.03e-003	-2.10e-003	-5.08e-002	4.21e-002	-0.11
152	241	-1.64e-005	-4.73e-003	-2.38e-003	-6.76e-003	1.50e-002	-0.10
	251	-1.67e-004	-7.04e-003	-7.36e-004	-2.76e-003	1.36e-002	-0.11
	252	8.08e-005	-7.02e-003	-8.94e-004	-2.02e-003	2.31e-002	-0.11
	242	2.31e-004	-4.71e-003	-2.54e-003	-1.98e-002	2.50e-002	-0.11
153	240	-5.92e-005	-2.28e-003	-2.50e-003	-3.19e-003	5.91e-003	-0.10
	250	-1.35e-004	-3.45e-003	-7.80e-004	-3.23e-004	5.08e-003	-0.10
	251	6.75e-005	-3.44e-003	-6.96e-004	5.52e-005	1.05e-002	-0.11
	241	1.43e-004	-2.27e-003	-2.41e-003	-5.31e-003	1.09e-002	-0.10
154	239	-1.03e-004	9.35e-005	-2.42e-003	-7.42e-003	4.43e-003	-0.10
	249	-9.94e-005	1.52e-004	-7.16e-004	7.19e-004	8.98e-007	-0.10
	250	1.00e-004	1.65e-004	-7.87e-004	-2.91e-004	6.09e-003	-0.10
	240	9.61e-005	1.06e-004	-2.50e-003	-2.97e-003	4.88e-003	-0.10
155	238	-1.18e-004	2.51e-003	-2.54e-003	-2.52e-002	6.36e-003	-9.19e-002
	248	-3.73e-005	3.75e-003	-8.35e-004	1.68e-003	-9.00e-003	-8.80e-002

	249	1.35e-004	3.76e-003	-7.13e-004	-1.52e-003	6.74e-003	-0.10
	239	5.44e-005	2.52e-003	-2.41e-003	-8.31e-003	3.80e-003	-0.10
156	237	-3.55e-005	4.85e-003	-2.35e-003	-7.62e-002	6.46e-003	-5.98e-002
	247	1.27e-004	7.36e-003	-5.33e-004	-3.30e-003	-3.56e-002	-4.71e-002
	248	1.98e-004	7.36e-003	-8.06e-004	-6.08e-003	1.10e-002	-7.95e-002
	238	3.49e-005	4.86e-003	-2.62e-003	-2.84e-002	6.97e-003	-9.22e-002
157	236	-7.38e-004	7.12e-003	-3.28e-003	-0.17	-2.60e-002	1.21e-002
	246	-4.72e-004	1.12e-002	-1.39e-003	-5.85e-002	-8.10e-002	4.47e-002
	247	3.82e-004	1.13e-002	-5.23e-004	-2.34e-002	-1.63e-003	-1.79e-002
	237	1.16e-004	7.18e-003	-2.41e-003	-8.69e-002	1.78e-002	-5.05e-002
158	433	-5.06e-004	8.55e-003	-5.32e-004	-0.43	-0.28	-3.89e-002
	443	-1.84e-005	1.60e-002	-9.91e-004	-0.39	3.91e-002	0.10
	246	-1.59e-004	1.60e-002	-3.04e-003	-0.12	-0.18	0.15
	236	-6.46e-004	8.54e-003	-2.59e-003	-0.24	6.04e-002	1.64e-002
159	234	1.19e-003	-7.78e-003	-2.16e-003	-0.50	0.69	-3.55e-002
	244	1.02e-003	-1.03e-002	-3.90e-003	-0.16	-0.34	-0.12
	245	-3.58e-003	-1.06e-002	2.10e-003	2.22	0.29	-0.17
	235	-3.42e-003	-8.08e-003	3.84e-003	-3.24	-1.05	-8.71e-002
160	233	1.26e-004	-5.82e-003	-2.18e-003	-0.17	6.28e-002	-4.07e-002
	243	-1.32e-004	-9.78e-003	-2.33e-003	-8.68e-002	0.17	-0.13
	244	1.06e-003	-9.70e-003	-4.95e-003	-0.17	-1.91e-002	-0.21
	234	1.32e-003	-5.75e-003	-4.80e-003	-0.39	0.18	-0.12
161	232	1.03e-004	-3.63e-003	-3.91e-003	-4.25e-002	2.08e-002	-7.47e-002
	242	-1.18e-004	-7.04e-003	-3.37e-003	-3.03e-002	5.05e-002	-0.10
	243	4.73e-005	-7.03e-003	-2.29e-003	-5.98e-002	3.94e-002	-0.11
	233	2.69e-004	-3.62e-003	-2.83e-003	-0.11	7.83e-002	-8.43e-002
162	231	4.33e-006	-2.36e-003	-3.30e-003	-1.02e-002	8.89e-003	-0.10
	241	-1.50e-004	-4.73e-003	-3.02e-003	-8.18e-003	1.48e-002	-0.10
	242	3.22e-005	-4.72e-003	-3.40e-003	-1.97e-002	2.44e-002	-0.10
	232	1.86e-004	-2.35e-003	-3.68e-003	-2.22e-002	2.59e-002	-9.24e-002
163	230	-1.86e-005	-1.14e-003	-3.51e-003	-3.60e-003	4.12e-003	-0.10
	240	-9.27e-005	-2.29e-003	-3.21e-003	-2.97e-003	5.81e-003	-0.10
	241	9.70e-006	-2.28e-003	-3.06e-003	-5.94e-003	1.03e-002	-0.10
	231	8.39e-005	-1.14e-003	-3.36e-003	-4.39e-003	8.85e-003	-0.10
164	477	-6.02e-005	4.83e-005	-3.39e-003	-6.40e-003	4.02e-003	-0.11
	239	-5.71e-005	9.65e-005	-3.10e-003	-5.54e-003	5.01e-003	-0.10
	240	6.26e-005	1.04e-004	-3.20e-003	-3.92e-003	4.64e-003	-0.10
	230	5.94e-005	5.61e-005	-3.49e-003	-2.74e-003	4.17e-003	-0.11
165	476	-1.07e-004	1.24e-003	-3.55e-003	-2.23e-002	8.79e-003	-0.11
	238	-2.46e-005	2.51e-003	-3.27e-003	-1.90e-002	8.98e-003	-0.10
	239	1.00e-004	2.52e-003	-3.09e-003	-1.03e-002	4.23e-003	-0.10
	477	1.76e-005	1.25e-003	-3.38e-003	-8.94e-003	4.95e-003	-0.11
166	475	-9.54e-005	2.43e-003	-3.12e-003	-7.70e-002	2.05e-002	-0.11
	237	6.23e-005	4.86e-003	-2.88e-003	-6.63e-002	1.38e-002	-8.71e-002
	238	1.28e-004	4.86e-003	-3.36e-003	-3.46e-002	1.01e-002	-9.34e-002
	476	-2.95e-005	2.44e-003	-3.59e-003	-3.22e-002	1.14e-002	-0.12
167	474	-1.08e-004	3.45e-003	-4.09e-003	-0.24	6.36e-003	-0.11
	236	1.34e-004	7.18e-003	-4.23e-003	-0.23	-2.57e-002	-3.47e-002
	237	2.13e-004	7.18e-003	-2.94e-003	-0.11	3.63e-002	-5.75e-002
	475	-2.92e-005	3.45e-003	-2.80e-003	-0.11	3.48e-002	-0.13
168	423	-1.51e-003	4.47e-003	-5.99e-004	-0.50	-0.38	-8.93e-002
	433	-1.25e-003	8.50e-003	-4.88e-004	-0.40	-0.32	-6.07e-003
	236	2.26e-004	8.59e-003	-3.53e-003	-0.27	7.13e-002	-1.40e-002
	474	-3.56e-005	4.56e-003	-3.64e-003	-0.29	0.13	-0.10
169	448	-1.82e-003	-1.18e-004	-1.57e-002	-0.52	0.55	1.07
	234	-2.33e-003	-8.01e-003	-4.24e-003	-0.87	0.66	5.64e-002
	235	-2.72e-003	-8.03e-003	8.80e-003	0.33	-1.06	-0.26

	197	-2.21e-003	-1.43e-004	-2.67e-003	-5.30	-0.86	0.76
170	225	2.80e-004	1.82e-005	-3.04e-003	-6.29e-002	3.50e-002	6.87e-002
	233	-1.01e-004	-5.84e-003	-2.46e-003	-0.16	5.66e-002	-4.51e-002
	234	-2.20e-003	-5.97e-003	-6.88e-003	-0.51	0.15	0.11
	448	-1.82e-003	-1.18e-004	-7.47e-003	-8.08e-002	-6.01e-003	0.23
171	447	1.41e-004	9.16e-006	-4.69e-003	-1.34e-002	6.47e-003	-5.82e-002
	232	-9.67e-005	-3.65e-003	-4.43e-003	-3.23e-002	1.26e-002	-7.74e-002
	233	4.20e-005	-3.64e-003	-3.11e-003	-0.12	7.22e-002	-1.96e-002
	225	2.80e-004	1.82e-005	-3.37e-003	1.23e-002	8.98e-003	-4.44e-004
172	224	4.84e-005	3.15e-006	-3.91e-003	-3.63e-003	1.81e-003	-9.21e-002
	231	-1.06e-004	-2.37e-003	-3.70e-003	-7.29e-003	6.21e-003	-0.10
	232	-1.32e-005	-2.36e-003	-4.20e-003	-3.19e-002	2.18e-002	-7.77e-002
	447	1.41e-004	9.16e-006	-4.40e-003	8.04e-003	3.61e-003	-7.35e-002
173	446	2.08e-005	1.35e-006	-4.16e-003	-7.59e-004	6.67e-004	-0.10
	230	-5.38e-005	-1.15e-003	-3.95e-003	-3.21e-003	3.15e-003	-0.10
	231	-2.62e-005	-1.14e-003	-3.76e-003	-8.94e-003	6.89e-003	-0.10
	224	4.84e-005	3.15e-006	-3.97e-003	2.73e-003	1.32e-003	-0.10
174	223	-1.71e-005	-1.11e-006	-4.02e-003	4.90e-004	4.78e-004	-0.11
	477	-1.37e-005	5.14e-005	-3.82e-003	-6.99e-003	3.39e-003	-0.11
	230	2.42e-005	5.38e-005	-3.93e-003	-4.09e-003	3.14e-003	-0.10
	446	2.08e-005	1.35e-006	-4.14e-003	2.13e-004	7.45e-004	-0.11
175	445	-6.13e-005	-3.99e-006	-4.19e-003	1.34e-003	7.88e-004	-0.12
	476	1.99e-005	1.25e-003	-3.98e-003	-2.28e-002	8.14e-003	-0.12
	477	6.41e-005	1.25e-003	-3.80e-003	-7.77e-003	3.70e-003	-0.11
	223	-1.71e-005	-1.11e-006	-4.02e-003	-2.34e-003	1.20e-003	-0.11
176	222	-6.38e-005	-4.15e-006	-3.77e-003	-3.62e-003	6.97e-004	-0.15
	475	9.54e-005	2.45e-003	-3.57e-003	-7.05e-002	2.14e-002	-0.14
	476	9.79e-005	2.45e-003	-4.02e-003	-2.62e-002	8.15e-003	-0.12
	445	-6.13e-005	-3.99e-006	-4.22e-003	-8.48e-003	3.64e-003	-0.13
177	444	7.20e-004	4.68e-005	-4.69e-003	-6.29e-002	-1.04e-002	-0.21
	474	9.45e-004	3.52e-003	-4.35e-003	-0.18	2.09e-002	-0.17
	475	1.62e-004	3.46e-003	-3.26e-003	-8.97e-002	2.48e-002	-0.13
	222	-6.38e-005	-4.15e-006	-3.59e-003	-2.57e-002	1.28e-002	-0.17
178	193	-3.53e-003	-2.30e-004	-3.28e-003	-0.61	-0.15	-0.22
	423	-3.24e-003	4.35e-003	-6.59e-005	-0.40	-0.36	-4.53e-002
	474	1.02e-003	4.63e-003	-3.90e-003	-0.30	0.15	-0.14
	444	7.20e-004	4.68e-005	-7.12e-003	-9.38e-002	6.70e-002	-0.31
229	432	1.05e-005	8.62e-003	1.44e-003	-0.21	0.13	-0.16
	442	2.92e-004	1.30e-002	-2.28e-004	-0.13	-0.15	-0.28
	443	-2.21e-004	1.29e-002	-2.55e-004	-0.30	0.20	-0.20
	433	-5.03e-004	8.59e-003	1.42e-003	-0.47	-0.19	-8.26e-002
230	431	-4.50e-005	7.11e-003	1.36e-003	-6.77e-002	3.34e-002	-0.12
	441	2.04e-004	1.09e-002	4.17e-004	-1.84e-002	1.57e-002	-0.15
	442	1.61e-004	1.09e-002	4.81e-004	-3.80e-002	-8.98e-003	-0.19
	432	-8.80e-005	7.11e-003	1.43e-003	-0.14	1.32e-002	-0.16
231	430	-2.26e-005	5.79e-003	1.30e-003	-1.97e-002	8.68e-003	-9.37e-002
	440	1.70e-004	8.75e-003	3.48e-004	-2.58e-003	1.64e-002	-0.10
	441	6.13e-005	8.74e-003	3.53e-004	-7.18e-004	-1.09e-002	-0.12
	431	-1.31e-004	5.79e-003	1.31e-003	-5.47e-002	1.86e-002	-0.12
232	429	-1.70e-005	4.46e-003	1.27e-003	-4.91e-003	2.14e-003	-8.83e-002
	439	1.28e-004	6.69e-003	3.55e-004	-1.28e-004	6.02e-003	-9.03e-002
	440	3.50e-005	6.68e-003	3.60e-004	1.94e-003	-1.68e-003	-0.10
	430	-1.10e-004	4.45e-003	1.27e-003	-1.47e-002	8.83e-003	-9.48e-002
233	428	4.75e-006	3.09e-003	1.27e-003	-1.58e-003	3.67e-004	-8.72e-002
	438	1.06e-004	4.65e-003	3.63e-004	1.48e-004	1.04e-003	-8.75e-002
	439	-5.04e-006	4.64e-003	3.58e-004	7.78e-004	5.37e-004	-8.94e-002
	429	-1.06e-004	3.09e-003	1.27e-003	-3.38e-003	3.09e-003	-8.90e-002

234	427	2.79e-005	1.74e-003	1.26e-003	-2.22e-003	-8.08e-004	-8.59e-002
	437	8.44e-005	2.61e-003	3.53e-004	3.77e-004	-2.43e-003	-8.57e-002
	438	-2.75e-005	2.60e-003	3.64e-004	3.15e-004	5.55e-004	-8.72e-002
	428	-8.40e-005	1.73e-003	1.27e-003	-1.20e-003	5.11e-004	-8.74e-002
235	426	3.61e-005	3.73e-004	1.29e-003	-6.74e-003	-3.77e-003	-8.18e-002
	436	4.86e-005	5.65e-004	3.76e-004	9.57e-004	-9.53e-003	-8.10e-002
	437	-4.86e-005	5.59e-004	3.46e-004	3.49e-004	1.62e-004	-8.50e-002
	427	-6.10e-005	3.67e-004	1.26e-003	-2.23e-003	-1.37e-003	-8.58e-002
236	425	6.54e-005	-9.79e-004	1.24e-003	-2.02e-002	-1.49e-002	-6.95e-002
	435	3.28e-005	-1.48e-003	2.94e-004	1.44e-003	-3.02e-002	-6.68e-002
	436	-8.48e-005	-1.49e-003	3.76e-004	5.35e-004	-1.68e-003	-7.83e-002
	426	-5.23e-005	-9.87e-004	1.32e-003	-6.80e-003	-4.84e-003	-8.10e-002
237	424	2.00e-004	-2.30e-003	1.50e-003	-4.73e-002	-5.81e-002	-3.81e-002
	434	1.14e-004	-3.62e-003	6.10e-004	-2.18e-003	-8.59e-002	-3.18e-002
	435	-1.07e-004	-3.63e-003	3.23e-004	-3.53e-005	-1.46e-002	-5.83e-002
	425	-2.15e-005	-2.32e-003	1.21e-003	-1.86e-002	-1.41e-002	-6.46e-002
238	403	1.17e-004	-3.45e-003	8.46e-004	-8.73e-002	-0.20	1.88e-002
	413	-5.47e-005	-6.10e-003	4.09e-004	1.07e-002	-0.21	2.41e-002
	434	-4.68e-005	-6.10e-003	9.88e-004	-1.32e-003	-8.55e-002	-1.55e-002
	424	1.25e-004	-3.45e-003	1.42e-003	-3.81e-002	-5.58e-002	-2.08e-002
239	422	-9.39e-005	3.78e-003	2.20e-003	-0.25	0.20	-5.03e-002
	432	2.22e-004	8.64e-003	1.86e-003	-0.23	0.14	-0.14
	433	-1.25e-003	8.54e-003	1.46e-003	-0.36	-0.25	-0.12
	423	-1.56e-003	3.68e-003	1.80e-003	-0.53	-0.34	-2.92e-002
240	421	-8.01e-005	3.35e-003	1.59e-003	-8.97e-002	3.42e-002	-5.69e-002
	431	1.65e-004	7.12e-003	1.68e-003	-8.57e-002	4.47e-002	-0.12
	432	1.23e-004	7.12e-003	1.84e-003	-0.20	8.38e-003	-0.12
	422	-1.22e-004	3.35e-003	1.74e-003	-0.19	2.72e-002	-6.37e-002
241	420	-6.43e-005	2.89e-003	1.72e-003	-2.26e-002	6.36e-003	-7.76e-002
	430	1.25e-004	5.80e-003	1.66e-003	-2.27e-002	9.29e-003	-9.22e-002
	431	7.92e-005	5.80e-003	1.63e-003	-4.81e-002	2.37e-002	-9.31e-002
	421	-1.10e-004	2.89e-003	1.69e-003	-4.91e-002	2.78e-002	-7.85e-002
242	419	-4.06e-005	2.22e-003	1.73e-003	-5.21e-003	1.75e-003	-8.46e-002
	429	1.05e-004	4.46e-003	1.62e-003	-5.35e-003	2.00e-003	-8.80e-002
	430	3.75e-005	4.46e-003	1.63e-003	-1.10e-002	1.05e-002	-8.73e-002
	420	-1.08e-004	2.22e-003	1.73e-003	-1.11e-002	9.94e-003	-8.39e-002
243	418	-1.72e-005	1.55e-003	1.73e-003	-1.55e-003	4.76e-004	-8.67e-002
	428	8.37e-005	3.10e-003	1.62e-003	-1.28e-003	4.08e-004	-8.73e-002
	429	1.61e-005	3.09e-003	1.62e-003	-2.49e-003	3.44e-003	-8.70e-002
	419	-8.48e-005	1.54e-003	1.73e-003	-2.21e-003	2.91e-003	-8.64e-002
244	417	6.64e-006	8.67e-004	1.73e-003	-2.06e-003	-1.32e-004	-8.69e-002
	427	6.32e-005	1.74e-003	1.61e-003	-9.38e-004	-3.38e-004	-8.67e-002
	428	-5.08e-006	1.73e-003	1.62e-003	-1.18e-003	5.82e-004	-8.70e-002
	418	-6.17e-005	8.62e-004	1.73e-003	-8.11e-004	6.70e-004	-8.72e-002
245	416	3.10e-005	1.91e-004	1.75e-003	-6.39e-003	-1.09e-003	-8.53e-002
	426	4.29e-005	3.74e-004	1.64e-003	-2.73e-003	-2.15e-003	-8.41e-002
	427	-2.57e-005	3.69e-004	1.61e-003	-2.57e-003	-1.22e-003	-8.58e-002
	417	-3.75e-005	1.87e-004	1.72e-003	-1.91e-003	-3.48e-004	-8.71e-002
246	415	3.01e-005	-4.98e-004	1.66e-003	-2.10e-002	-4.91e-003	-7.89e-002
	425	-1.43e-006	-9.84e-004	1.58e-003	-9.01e-003	-1.01e-002	-7.49e-002
	426	-4.55e-005	-9.86e-004	1.67e-003	-7.96e-003	-4.13e-003	-8.14e-002
	416	-1.40e-005	-5.01e-004	1.75e-003	-6.52e-003	-2.00e-003	-8.55e-002
247	414	-1.76e-004	-1.04e-003	1.91e-003	-6.89e-002	-2.68e-002	-5.62e-002
	424	-2.60e-004	-2.33e-003	1.83e-003	-2.72e-002	-4.76e-002	-4.34e-002
	425	-8.83e-005	-2.32e-003	1.56e-003	-2.34e-002	-1.02e-002	-6.62e-002
	415	-4.42e-006	-1.03e-003	1.64e-003	-2.13e-002	-5.64e-003	-7.91e-002
248	393	6.02e-004	-1.39e-003	1.41e-003	-0.15	-0.17	1.94e-002

410	-4.14e-005	-5.03e-003	-1.41e-004	1.19e-003	-2.14e-002		0.26
400	6.76e-005	-3.35e-003	-4.18e-004	-1.19e-002	-1.12e-002		0.26
263	398	3.15e-005	-2.95e-003	-4.08e-004	2.06e-004	1.08e-003	0.27
	408	-6.50e-005	-4.43e-003	-1.25e-004	-3.06e-004	3.38e-003	0.27
	409	-3.10e-005	-4.43e-003	-1.18e-004	4.74e-004	-6.44e-003	0.27
	399	6.56e-005	-2.95e-003	-4.01e-004	-3.84e-003	-2.48e-003	0.27
264	397	2.96e-005	-2.56e-003	-4.09e-004	3.63e-003	7.42e-003	0.27
	407	-5.36e-005	-3.84e-003	-1.23e-004	-7.25e-004	1.24e-002	0.27
	408	-2.61e-005	-3.83e-003	-1.21e-004	5.99e-005	5.81e-004	0.27
	398	5.71e-005	-2.55e-003	-4.07e-004	2.07e-005	2.59e-003	0.27
265	396	1.50e-005	-2.15e-003	-4.00e-004	9.42e-003	2.13e-002	0.26
	406	-5.53e-005	-3.23e-003	-1.23e-004	-3.04e-003	3.58e-002	0.26
	407	-1.42e-005	-3.23e-003	-1.41e-004	-8.27e-004	7.87e-003	0.26
	397	5.61e-005	-2.15e-003	-4.18e-004	3.12e-003	1.15e-002	0.26
266	395	1.16e-004	-1.81e-003	-5.13e-004	2.94e-002	5.08e-002	0.22
	405	6.57e-005	-2.58e-003	-2.05e-004	-1.24e-002	0.11	0.22
	406	-1.31e-005	-2.58e-003	-8.83e-005	-4.54e-003	1.99e-002	0.25
	396	3.68e-005	-1.82e-003	-3.97e-004	9.30e-003	3.84e-002	0.25
267	394	1.34e-004	-1.48e-003	-4.54e-004	0.15	0.12	0.13
	404	1.10e-004	-1.84e-003	9.63e-005	3.11e-002	0.35	8.85e-002
	405	1.14e-004	-1.84e-003	-2.01e-004	-7.49e-003	2.56e-002	0.20
	395	1.37e-004	-1.48e-003	-7.51e-004	4.53e-002	0.11	0.24
268	353	-3.94e-003	-7.94e-004	-2.27e-004	-0.49	0.59	0.16
	363	-4.05e-003	-2.54e-003	1.85e-003	2.80	0.79	-0.34
	404	8.19e-005	-2.27e-003	2.07e-003	0.22	-0.16	-0.39
	394	1.95e-004	-5.25e-004	-1.29e-005	0.32	-0.10	0.11
269	392	2.31e-004	-2.32e-003	-5.08e-004	-5.65e-002	-5.45e-002	0.17
	402	1.00e-004	-4.33e-003	-6.54e-004	-6.99e-002	-0.12	0.16
	403	4.12e-004	-4.31e-003	2.03e-004	-5.41e-002	-0.28	6.34e-002
	393	5.43e-004	-2.30e-003	3.49e-004	-0.13	-0.22	7.32e-002
270	391	5.04e-005	-2.06e-003	-3.38e-004	-2.61e-002	-1.97e-002	0.25
	401	-8.42e-005	-4.13e-003	-4.76e-004	-3.47e-002	-3.75e-002	0.23
	402	1.14e-004	-4.12e-003	-8.55e-004	-2.82e-002	-9.01e-002	0.19
	392	2.48e-004	-2.05e-003	-7.17e-004	-8.64e-002	-5.66e-002	0.21
271	390	5.43e-005	-1.87e-003	-6.16e-004	-9.94e-003	-5.66e-003	0.26
	400	-6.71e-005	-3.73e-003	-5.71e-004	-1.39e-002	-1.27e-002	0.26
	401	-5.83e-005	-3.73e-003	-4.28e-004	-1.34e-002	-2.74e-002	0.25
	391	6.31e-005	-1.86e-003	-4.74e-004	-3.22e-002	-1.79e-002	0.25
272	389	4.40e-005	-1.67e-003	-5.47e-004	-3.16e-003	-1.13e-003	0.27
	399	-6.58e-005	-3.36e-003	-5.04e-004	-5.02e-003	-3.63e-003	0.27
	400	-4.29e-005	-3.36e-003	-5.54e-004	-5.51e-003	-8.20e-003	0.26
	390	6.69e-005	-1.67e-003	-5.97e-004	-1.17e-002	-5.64e-003	0.27
273	388	3.74e-005	-1.47e-003	-5.76e-004	4.04e-004	1.16e-003	0.27
	398	-5.89e-005	-2.95e-003	-5.29e-004	-1.27e-003	7.61e-004	0.27
	399	-3.94e-005	-2.95e-003	-5.07e-004	-1.45e-003	-1.57e-003	0.27
	389	5.69e-005	-1.47e-003	-5.54e-004	-3.78e-003	-1.33e-003	0.27
274	387	3.83e-005	-1.28e-003	-5.57e-004	3.57e-003	5.01e-003	0.27
	397	-4.50e-005	-2.56e-003	-5.06e-004	4.87e-004	5.98e-003	0.27
	398	-3.32e-005	-2.56e-003	-5.27e-004	1.12e-003	2.54e-003	0.27
	388	5.01e-005	-1.28e-003	-5.77e-004	-4.29e-004	9.80e-004	0.27
275	386	3.11e-005	-1.08e-003	-5.87e-004	6.55e-003	1.64e-002	0.26
	396	-3.89e-005	-2.15e-003	-5.61e-004	1.31e-003	1.73e-002	0.26
	397	-1.86e-005	-2.15e-003	-5.16e-004	3.95e-003	1.06e-002	0.27
	387	5.15e-005	-1.08e-003	-5.43e-004	8.72e-004	4.31e-003	0.27
276	385	3.53e-005	-9.63e-004	-5.04e-004	-2.11e-003	5.25e-002	0.24
	395	-2.03e-005	-1.82e-003	-4.48e-004	4.86e-003	3.88e-002	0.25
	396	-1.71e-005	-1.82e-003	-5.58e-004	9.04e-003	3.68e-002	0.25

346 2.02e-005 2.47e-003 -7.29e-004 -6.23e-004 -7.90e-004 -4.67e-002
347 5.81e-005 2.47e-003 -6.55e-004 -8.31e-004 -4.66e-004 -4.74e-002
337 -2.27e-005 1.23e-003 -6.93e-004 -4.01e-004 -1.39e-004 -4.78e-002

346 335 -1.10e-004 1.52e-003 -5.86e-004 -7.88e-003 -2.14e-003 -4.44e-002
345 -1.19e-005 3.03e-003 -5.27e-004 -2.46e-003 -4.09e-003 -4.31e-002
346 5.71e-005 3.03e-003 -7.48e-004 -2.73e-003 -1.79e-003 -4.58e-002
336 -4.09e-005 1.53e-003 -8.06e-004 -2.14e-003 -9.60e-004 -4.71e-002

347 334 -4.60e-004 1.91e-003 -8.99e-004 -2.72e-002 -1.14e-002 -3.47e-002
344 -3.48e-004 3.63e-003 -1.20e-003 -7.88e-003 -1.95e-002 -3.02e-002
345 2.84e-005 3.65e-003 -6.19e-004 -8.35e-003 -4.60e-003 -3.98e-002
335 -8.34e-005 1.93e-003 -3.15e-004 -7.41e-003 -2.74e-003 -4.43e-002

348 313 -3.44e-004 2.52e-003 8.07e-004 -5.40e-002 -6.66e-002 -1.47e-003
323 -2.43e-004 4.06e-003 4.27e-004 -1.33e-002 -7.76e-002 4.40e-003
344 -3.20e-004 4.06e-003 -8.66e-004 -1.89e-002 -1.69e-002 -2.09e-002
334 -4.21e-004 2.51e-003 -4.86e-004 -1.73e-002 -1.07e-003 -2.67e-002

349 302 -1.25e-004 -8.10e-006 -1.91e-003 -0.26 0.21 0.45
342 -1.81e-004 -8.73e-004 -9.29e-004 -0.27 0.27 8.21e-003
343 -3.94e-003 -1.12e-003 1.28e-003 0.37 -0.37 -0.12
187 -3.89e-003 -2.53e-004 2.99e-004 -2.69 -0.36 0.32

350 213 1.04e-004 6.76e-006 -6.99e-004 -9.13e-003 3.57e-003 -7.47e-003
341 6.45e-005 -6.01e-004 -7.78e-004 -2.32e-002 -3.63e-004 -1.78e-002
342 -1.64e-004 -6.16e-004 -1.55e-003 -8.72e-002 7.40e-002 3.88e-002
302 -1.25e-004 -8.10e-006 -1.47e-003 2.02e-002 1.21e-002 4.91e-002

351 301 1.13e-005 7.36e-007 -9.55e-004 -1.69e-003 6.17e-004 -3.77e-002
340 1.20e-005 1.05e-005 -9.22e-004 -2.80e-003 3.57e-004 -3.91e-002
341 1.05e-004 1.65e-005 -7.39e-004 -2.18e-002 2.20e-002 -2.24e-002
213 1.04e-004 6.76e-006 -7.73e-004 1.34e-002 4.57e-003 -2.10e-002

352 212 -1.68e-005 -1.09e-006 -8.49e-004 -3.14e-004 1.36e-004 -4.54e-002
339 4.97e-006 3.34e-004 -7.87e-004 8.91e-005 3.22e-004 -4.55e-002
340 3.31e-005 3.35e-004 -8.55e-004 -4.17e-003 6.04e-003 -4.09e-002
301 1.13e-005 7.36e-007 -9.17e-004 4.28e-003 1.39e-003 -4.08e-002

353 298 -2.61e-005 -1.70e-006 -8.93e-004 -8.80e-005 2.86e-005 -4.75e-002
338 1.51e-005 6.33e-004 -8.25e-004 1.65e-004 1.76e-004 -4.74e-002
339 2.45e-005 6.34e-004 -7.93e-004 -8.14e-004 1.54e-003 -4.62e-002
212 -1.68e-005 -1.09e-006 -8.60e-004 1.27e-003 3.92e-004 -4.62e-002

354 211 -3.39e-005 -2.20e-006 -8.55e-004 -1.30e-004 -2.06e-005 -4.79e-002
337 2.68e-005 9.32e-004 -7.89e-004 -1.46e-004 3.54e-005 -4.79e-002
338 3.45e-005 9.32e-004 -8.27e-004 -2.82e-004 3.30e-004 -4.76e-002
298 -2.61e-005 -1.70e-006 -8.93e-004 3.47e-004 1.06e-004 -4.77e-002

355 297 -5.40e-005 -3.51e-006 -9.31e-004 -5.02e-004 -1.14e-004 -4.79e-002
336 2.60e-005 1.23e-003 -8.71e-004 -8.13e-004 -1.28e-004 -4.77e-002
337 4.62e-005 1.23e-003 -7.78e-004 -6.04e-004 -1.48e-004 -4.78e-002
211 -3.39e-005 -2.20e-006 -8.39e-004 2.69e-005 2.39e-005 -4.80e-002

356 210 -1.09e-005 -7.06e-007 -7.17e-004 -2.29e-003 -5.06e-004 -4.68e-002
335 8.89e-005 1.53e-003 -6.46e-004 -2.48e-003 -8.30e-004 -4.62e-002
336 4.57e-005 1.53e-003 -9.09e-004 -2.09e-003 -8.47e-004 -4.71e-002
297 -5.40e-005 -3.51e-006 -9.80e-004 -2.17e-004 1.60e-006 -4.77e-002

357 294 6.54e-004 4.25e-005 -1.57e-003 -1.01e-002 -2.34e-003 -4.12e-002
334 7.80e-004 1.99e-003 -1.21e-003 -4.69e-003 -5.78e-003 -3.94e-002
335 1.15e-004 1.94e-003 -3.75e-004 -6.86e-003 -2.56e-003 -4.45e-002
210 -1.09e-005 -7.06e-007 -7.33e-004 -5.53e-004 -1.62e-005 -4.63e-002

358 181 -1.04e-003 -6.79e-005 -1.23e-003 -7.77e-002 -1.89e-002 -1.41e-002
313 -8.79e-004 2.48e-003 1.78e-003 -2.93e-002 -5.56e-002 3.84e-003
334 8.20e-004 2.59e-003 -7.99e-004 -2.47e-002 5.62e-003 -2.80e-002
294 6.54e-004 4.25e-005 -3.81e-003 -6.88e-003 4.02e-003 -4.60e-002

359 322 -6.31e-006 3.06e-003 1.02e-003 -1.99e-002 -4.73e-002 4.66e-002
332 1.53e-004 5.52e-003 7.65e-004 1.15e-003 -4.63e-002 4.48e-002

388	176	-1.39e-003	-9.01e-005	-7.99e-004	-2.10	-0.31	-0.23
	271	-1.42e-003	-6.15e-004	2.13e-003	0.33	-0.32	0.14
	304	2.07e-004	-5.09e-004	7.67e-004	-0.25	0.23	3.39e-002
	284	2.41e-004	1.57e-005	-2.17e-003	-0.19	0.20	-0.34
429	276	1.82e-004	-3.91e-003	-4.63e-004	0.21	-0.29	0.11
	282	1.15e-004	-4.95e-003	1.66e-004	0.18	-0.24	0.48
	283	-2.64e-003	-5.13e-003	-4.71e-004	1.93	-8.86e-002	0.30
	277	-2.58e-003	-4.09e-003	-1.10e-003	-0.29	6.75e-002	-6.61e-002
430	275	4.38e-005	-3.39e-003	-7.56e-004	2.90e-002	1.54e-002	0.11
	281	-3.23e-005	-4.56e-003	-3.57e-004	-5.98e-004	-1.95e-002	0.14
	282	1.41e-004	-4.55e-003	9.46e-005	4.18e-002	1.85e-002	0.17
	276	2.17e-004	-3.38e-003	-3.04e-004	7.13e-002	-5.74e-002	0.14
431	274	1.90e-004	-2.53e-003	-3.76e-004	3.98e-002	2.33e-002	0.10
	280	1.07e-004	-3.80e-003	1.46e-004	-6.28e-003	5.23e-002	9.46e-002
	281	1.72e-005	-3.80e-003	-3.56e-004	-3.24e-003	3.22e-004	0.12
	275	9.97e-005	-2.53e-003	-8.78e-004	1.25e-002	-2.88e-003	0.13
432	273	-5.23e-004	-2.25e-003	-2.01e-003	0.13	6.30e-002	3.44e-002
	279	-5.37e-004	-2.47e-003	-1.28e-003	3.17e-002	0.18	6.18e-003
	280	1.96e-004	-2.42e-003	3.17e-004	5.95e-003	1.06e-002	7.52e-002
	274	2.11e-004	-2.20e-003	-4.15e-004	4.80e-002	3.72e-002	0.10
433	272	-3.16e-003	-2.52e-003	3.21e-003	-0.11	0.31	4.39e-002
	278	-3.00e-003	-3.39e-005	2.90e-004	1.22	0.32	-0.18
	279	-3.68e-004	1.37e-004	-3.93e-003	0.12	-3.36e-003	-0.21
	273	-5.29e-004	-2.35e-003	-1.01e-003	0.21	-3.62e-002	1.42e-002
434	270	4.54e-004	-2.37e-003	-6.55e-004	-9.13e-002	0.17	8.97e-002
	276	3.55e-004	-3.90e-003	-1.18e-003	3.31e-002	-0.29	9.18e-002
	277	-1.82e-003	-4.04e-003	-3.79e-004	1.12	8.87e-002	-1.47e-003
	271	-1.72e-003	-2.51e-003	1.45e-004	-1.18	-0.40	-3.56e-003
435	269	4.93e-005	-1.98e-003	-8.89e-004	-1.93e-002	-6.88e-003	0.13
	275	-4.29e-005	-3.40e-003	-8.02e-004	6.39e-003	2.42e-002	0.12
	276	3.89e-004	-3.37e-003	-1.02e-003	4.37e-002	-6.61e-002	6.75e-002
	270	4.81e-004	-1.95e-003	-1.11e-003	-0.10	2.63e-002	7.81e-002
436	268	6.36e-005	-1.33e-003	-7.18e-004	2.18e-002	1.11e-002	0.13
	274	-1.52e-005	-2.54e-003	-6.43e-004	2.32e-002	1.65e-002	0.12
	275	1.30e-005	-2.54e-003	-9.24e-004	1.95e-002	-3.29e-003	0.12
	269	9.19e-005	-1.32e-003	-9.98e-004	-1.62e-002	7.37e-003	0.13
437	267	3.24e-004	-1.16e-003	-1.53e-003	7.25e-002	5.57e-002	0.12
	273	2.56e-004	-2.20e-003	-1.74e-003	9.40e-002	4.01e-002	0.10
	274	5.78e-006	-2.22e-003	-6.82e-004	5.17e-002	3.37e-002	0.10
	268	7.34e-005	-1.17e-003	-4.75e-004	2.40e-002	4.30e-003	0.13
438	266	-2.64e-003	-6.14e-004	1.67e-003	-0.51	2.77e-002	6.17e-002
	272	-2.77e-003	-2.49e-003	1.92e-003	0.85	0.32	2.81e-002
	273	2.50e-004	-2.30e-003	-7.42e-004	0.14	-7.24e-002	4.11e-002
	267	3.72e-004	-4.18e-004	-9.85e-004	6.47e-002	0.11	7.47e-002
439	205	-1.94e-004	-1.26e-005	-3.28e-003	-0.18	0.20	0.49
	270	-3.51e-004	-2.42e-003	-1.33e-003	-0.27	0.18	0.11
	271	-1.54e-003	-2.50e-003	1.34e-003	0.28	-0.39	-5.81e-002
	176	-1.39e-003	-9.01e-005	-6.21e-004	-2.06	-0.33	0.32
440	204	1.06e-004	6.91e-006	-1.05e-003	-1.16e-002	8.16e-003	0.16
	269	-2.29e-005	-1.98e-003	-9.01e-004	-3.00e-002	-5.06e-004	0.13
	270	-3.24e-004	-2.00e-003	-1.78e-003	-0.13	2.59e-002	0.15
	205	-1.94e-004	-1.26e-005	-1.93e-003	-2.55e-002	-6.61e-003	0.19
441	203	5.46e-005	3.55e-006	-1.04e-003	6.06e-003	3.37e-003	0.14
	268	-3.21e-005	-1.33e-003	-9.63e-004	9.34e-003	5.98e-003	0.13
	269	1.96e-005	-1.33e-003	-1.01e-003	-8.66e-003	9.78e-003	0.14
	204	1.06e-004	6.91e-006	-1.08e-003	1.97e-003	1.92e-004	0.15
442	202	7.46e-004	4.85e-005	-1.40e-003	2.75e-002	8.27e-003	0.11

267	6.69e-004	-1.14e-003	-1.29e-003	-1.08e-002	3.41e-002	0.11	
268	-2.23e-005	-1.18e-003	-7.21e-004	1.86e-002	7.64e-003	0.14	
203	5.46e-005	3.55e-006	-8.29e-004	5.24e-004	1.50e-003	0.13	
443	175	-2.56e-003	-1.67e-004	-1.36e-003	-0.88	-0.10	-3.93e-002
	266	-2.59e-003	-6.11e-004	1.59e-003	0.43	2.39e-002	7.28e-002
	267	7.17e-004	-3.96e-004	-7.42e-004	-6.32e-003	6.34e-002	8.02e-002
	202	7.46e-004	4.85e-005	-3.70e-003	-5.86e-002	8.82e-002	-3.19e-002
600	158	-3.29e-004	4.76e-003	-2.26e-002	-0.46	2.64	0.65
	104	-2.02e-004	6.70e-003	-1.24e-002	0.92	0.87	0.42
	41	4.38e-004	6.75e-003	-9.62e-003	2.19	8.94	2.99
	116	3.12e-004	4.80e-003	-1.98e-002	-1.77	1.09	3.22
601	157	1.46e-003	1.37e-002	-2.34e-002	0.15	-0.82	2.41e-002
	103	2.18e-003	2.48e-002	-1.02e-002	0.18	-1.34	-0.28
	104	9.67e-004	2.47e-002	-1.09e-002	0.16	2.27	8.35e-003
	158	2.48e-004	1.36e-002	-2.41e-002	-0.10	1.08	0.32
602	156	1.96e-004	2.06e-002	-2.86e-002	0.43	-3.27	0.48
	102	1.81e-003	4.54e-002	-1.45e-002	-7.00e-002	-4.86	0.13
	103	3.52e-003	4.55e-002	-1.15e-002	-0.10	-1.01	-0.29
	157	1.91e-003	2.07e-002	-2.56e-002	0.12	-1.60	5.30e-002
603	155	6.57e-002	3.75e-003	-2.81e-002	0.92	-1.88	5.00
	1	7.09e-002	8.43e-002	-5.36e-002	-6.95e-002	-12.71	4.45
	102	4.05e-003	7.99e-002	-4.06e-002	-1.03	-3.42	0.32
	156	-1.18e-003	-5.91e-004	-1.51e-002	1.16	-4.84	0.87
604	154	8.11e-005	1.58e-003	-2.75e-002	-0.63	0.75	0.53
	158	2.91e-004	4.80e-003	-2.67e-002	-0.42	1.79	1.05
	116	3.12e-004	4.80e-003	-2.55e-002	0.10	0.45	1.48
	115	1.02e-004	1.58e-003	-2.63e-002	-0.18	0.53	0.95
605	153	1.65e-003	3.28e-003	-2.56e-002	2.89e-003	-0.82	0.74
	157	2.34e-003	1.38e-002	-2.69e-002	0.18	-0.59	2.69e-002
	158	8.67e-004	1.37e-002	-2.82e-002	-0.66	0.59	0.21
	154	1.86e-004	3.18e-003	-2.70e-002	-0.46	0.41	0.92
606	152	1.18e-002	1.48e-003	-2.52e-002	0.51	-2.38	0.91
	156	1.31e-002	2.14e-002	-3.20e-002	0.92	-2.77	0.34
	157	2.79e-003	2.07e-002	-2.91e-002	0.11	-1.75	7.91e-002
	153	1.49e-003	8.08e-004	-2.23e-002	0.27	-1.57	0.65
607	151	2.61e-003	1.97e-003	-1.22e-003	-0.45	-0.88	0.88
	155	2.46e-003	-3.55e-004	2.26e-003	-0.66	-1.04	2.14
	156	1.18e-002	2.49e-004	-1.85e-002	0.59	-3.56	1.55
	152	1.19e-002	2.57e-003	-2.20e-002	0.61	-2.38	0.29
608	150	-3.07e-004	2.96e-004	-3.21e-002	-0.44	2.33	0.50
	154	-2.25e-004	1.56e-003	-2.94e-002	-0.73	0.80	1.10
	115	1.02e-004	1.58e-003	-2.82e-002	-0.27	0.58	0.43
	114	2.06e-005	3.17e-004	-3.09e-002	0.20	0.59	-0.17
609	149	7.35e-004	-7.25e-004	-2.71e-002	0.10	-0.49	1.80
	153	9.92e-004	3.24e-003	-2.52e-002	-0.11	-0.82	1.10
	154	-1.20e-004	3.16e-003	-2.88e-002	-0.48	0.46	0.80
	150	-3.78e-004	-7.97e-004	-3.07e-002	-0.79	0.79	1.50
610	148	-7.79e-003	-1.24e-003	-2.36e-002	0.70	-3.38	1.08
	152	-7.69e-003	2.11e-004	-2.22e-002	0.49	-2.50	0.49
	153	8.32e-004	7.65e-004	-2.19e-002	0.36	-1.64	1.12
	149	7.37e-004	-6.85e-004	-2.33e-002	-0.23	-2.19	1.70
611	147	-1.98e-002	-1.84e-003	2.93e-003	-1.35	-1.35	-1.55
	151	-1.96e-002	5.23e-004	-4.07e-003	-0.49	-1.05	-7.64e-002
	152	-7.62e-003	1.30e-003	-1.90e-002	0.64	-2.46	0.95
	148	-7.77e-003	-1.06e-003	-1.20e-002	0.23	-4.53	-0.53
612	107	-3.35e-003	3.91e-004	-2.82e-002	2.46	0.28	1.57
	150	-3.37e-003	9.69e-005	-3.33e-002	-0.57	3.50	0.72

	114	2.06e-005	3.17e-004	-3.13e-002	-2.13	1.28	-2.19
	46	3.97e-005	6.12e-004	-2.63e-002	2.87	11.49	-1.33
613	106	-6.58e-003	4.90e-004	-1.93e-002	-4.26e-002	-1.99	1.13
	149	-6.70e-003	-1.21e-003	-2.54e-002	5.90e-002	-1.03	1.52
	150	-3.44e-003	-9.96e-004	-3.19e-002	-0.26	1.60	1.47
	107	-3.33e-003	7.02e-004	-2.57e-002	1.55	2.79	1.08
614	105	-8.19e-003	-1.75e-005	-1.93e-002	-2.39	-6.28	0.73
	148	-8.27e-003	-1.27e-003	-2.54e-002	0.17	-4.33	1.06
	149	-6.69e-003	-1.17e-003	-2.16e-002	-0.35	-1.88	1.42
	106	-6.61e-003	8.53e-005	-1.55e-002	-0.69	-0.94	1.10
615	3	-4.85e-002	-3.69e-003	-1.60e-002	-0.31	-17.95	-3.69
	147	-4.85e-002	-3.71e-003	7.88e-003	0.49	-2.43	-5.36
	148	-8.26e-003	-1.09e-003	-1.38e-002	1.01	-6.45	6.13e-002
	105	-8.26e-003	-1.08e-003	-3.77e-002	-3.54	-3.36	1.73
616	146	-7.64e-003	-2.38e-004	-3.39e-002	0.48	4.85	1.03
	107	-7.62e-003	1.14e-004	-2.84e-002	2.00	0.16	0.28
	46	3.97e-005	6.12e-004	-2.62e-002	3.87	11.87	3.05
	119	1.68e-005	2.59e-004	-3.18e-002	-2.82	2.00	3.79
617	145	-1.37e-002	1.28e-003	-2.55e-002	0.47	-1.21	0.20
	106	-1.38e-002	2.37e-005	-1.92e-002	-8.48e-002	-1.90	0.66
	107	-7.60e-003	4.25e-004	-2.59e-002	1.47	2.74	0.79
	146	-7.51e-003	1.68e-003	-3.23e-002	0.66	1.81	0.33
618	144	-1.83e-002	1.73e-003	-2.37e-002	-0.95	-5.21	6.01e-002
	105	-1.85e-002	-6.87e-004	-1.79e-002	-1.72	-6.33	0.62
	106	-1.38e-002	-3.81e-004	-1.54e-002	-0.37	-1.08	0.61
	145	-1.36e-002	2.04e-003	-2.11e-002	-0.26	-2.14	5.54e-002
619	143	2.00e-002	3.10e-003	7.62e-003	0.75	-3.46	6.27
	3	1.99e-002	7.47e-004	-1.53e-002	-0.86	-18.65	5.01
	105	-1.86e-002	-1.75e-003	-3.63e-002	-2.80	-2.97	-0.42
	144	-1.84e-002	6.04e-004	-1.34e-002	-4.77e-002	-8.75	0.84
620	142	-1.04e-002	-1.75e-003	-2.99e-002	-0.76	2.52	0.73
	146	-1.03e-002	-4.10e-004	-3.28e-002	-3.70e-002	4.07	1.14
	119	1.68e-005	2.59e-004	-3.19e-002	0.21	1.21	1.70
	118	-7.02e-005	-1.08e-003	-2.89e-002	-0.13	1.75	1.29
621	141	-2.13e-002	-2.39e-003	-2.48e-002	0.73	-1.33	0.76
	145	-2.11e-002	8.01e-004	-2.73e-002	0.31	-0.76	-5.61e-002
	146	-1.02e-002	1.51e-003	-3.12e-002	-0.59	1.12	0.23
	142	-1.04e-002	-1.68e-003	-2.87e-002	-0.29	1.25	1.05
622	140	-1.65e-002	2.49e-003	-1.81e-002	1.29	-4.70	0.30
	144	-1.65e-002	1.85e-003	-2.12e-002	1.34	-4.46	-0.28
	145	-2.10e-002	1.56e-003	-2.29e-002	0.31	-2.71	-9.02e-002
	141	-2.10e-002	2.19e-003	-1.98e-002	1.01	-2.73	0.48
623	139	4.68e-003	2.19e-003	9.63e-006	-0.98	-2.71	0.61
	143	4.68e-003	2.10e-003	-6.22e-004	-0.67	-2.02	2.15
	144	-1.66e-002	7.23e-004	-1.10e-002	1.74e-002	-7.47	1.18
	140	-1.66e-002	8.11e-004	-1.04e-002	1.99	-5.04	-0.37
624	138	-1.16e-002	-4.21e-003	-2.94e-002	1.28	4.95	1.56
	142	-1.14e-002	-1.82e-003	-2.85e-002	-1.08	2.71	1.69
	118	-7.02e-005	-1.08e-003	-2.79e-002	-0.24	1.74	0.84
	117	-2.26e-004	-3.48e-003	-2.88e-002	0.49	1.12	0.71
625	137	-2.28e-002	-1.27e-002	-2.91e-002	1.92	-1.72	1.97
	141	-2.21e-002	-2.44e-003	-2.66e-002	0.85	-1.43	0.94
	142	-1.14e-002	-1.74e-003	-2.72e-002	0.13	1.14	1.47
	138	-1.21e-002	-1.20e-002	-2.97e-002	0.17	0.62	2.50
626	136	-3.03e-002	-2.05e-002	-3.04e-002	2.28	-5.40	0.49
	140	-2.89e-002	1.68e-003	-1.94e-002	1.66	-4.87	8.58e-002
	141	-2.18e-002	2.14e-003	-2.15e-002	1.23	-2.85	0.93

	137	-2.33e-002	-2.01e-002	-3.26e-002	1.86	-3.66	1.34
627	135	-2.33e-003	-1.35e-003	-6.96e-003	-0.16	-2.32	-2.42
	139	-2.13e-003	1.75e-003	9.42e-003	-0.80	-2.75	-0.70
	140	-2.90e-002	2.92e-006	-1.17e-002	1.89	-5.02	0.55
	136	-2.92e-002	-3.10e-003	-2.81e-002	1.31	-7.55	-1.17
628	110	-1.31e-002	-5.33e-003	-1.81e-002	5.27	-1.97	3.95
	138	-1.31e-002	-4.31e-003	-2.71e-002	1.92	6.14	1.68
	117	-2.26e-004	-3.48e-003	-2.59e-002	-3.91	2.19	-1.98
	47	-2.92e-004	-4.49e-003	-1.69e-002	5.96	17.31	0.29
629	109	-2.47e-002	-2.18e-002	-1.30e-002	3.44	-4.88	1.32
	137	-2.41e-002	-1.27e-002	-2.45e-002	2.71	-2.60	1.55
	138	-1.36e-002	-1.21e-002	-2.75e-002	2.79	1.25	2.65
	110	-1.42e-002	-2.11e-002	-1.59e-002	4.68	1.85	2.42
630	108	-4.55e-002	-4.60e-002	-1.07e-002	0.95	-7.51	-0.96
	136	-4.39e-002	-2.14e-002	-2.88e-002	0.83	-6.41	7.67e-002
	137	-2.46e-002	-2.01e-002	-2.80e-002	1.97	-3.45	1.31
	109	-2.62e-002	-4.47e-002	-9.94e-003	2.99	-4.35	0.28
631	4	-2.81e-002	-9.23e-002	-4.41e-003	-0.30	-15.44	-6.09
	135	-2.23e-002	-2.65e-003	-4.20e-002	0.77	-3.73	-6.06
	136	-4.27e-002	-3.98e-003	-2.64e-002	1.42	-8.77	-0.81
	108	-4.85e-002	-9.36e-002	1.12e-002	-0.59	-6.10	-0.84
632	134	-2.52e-002	-2.49e-003	1.78e-004	1.89	-4.30	7.84
	110	-2.54e-002	-6.13e-003	-7.73e-003	7.88	-0.20	2.32
	47	-2.92e-004	-4.49e-003	-7.36e-003	4.09	14.13	7.85
	122	-5.55e-005	-8.54e-004	5.45e-004	-1.79	1.73	13.37
633	133	-3.57e-002	-3.05e-003	2.59e-002	5.34	-8.98	0.70
	109	-3.70e-002	-2.26e-002	6.88e-003	6.13	-5.66	-4.30e-002
	110	-2.64e-002	-2.19e-002	-5.52e-003	7.85	0.59	3.32
	134	-2.52e-002	-2.36e-003	1.35e-002	3.03	-6.04	4.07
634	132	-4.57e-002	-2.05e-002	4.57e-002	4.98	-8.31	-4.35
	108	-4.74e-002	-4.61e-002	1.67e-002	1.81	-9.19	-2.19
	109	-3.84e-002	-4.55e-002	9.90e-003	5.19	-4.12	-3.62e-002
	133	-3.68e-002	-1.99e-002	3.90e-002	5.22	-10.91	-2.20
635	131	-0.18	7.47e-003	7.20e-002	1.02	-2.24	-1.64
	4	-0.19	-0.10	7.93e-002	1.23	-15.80	9.43e-002
	108	-5.05e-002	-9.37e-002	3.85e-002	8.32e-002	-5.74	-3.26
	132	-4.33e-002	1.67e-002	3.12e-002	5.13	-9.45	-4.99
636	130	-4.67e-002	-1.10e-003	5.71e-003	9.71	-23.46	17.03
	134	-4.68e-002	-3.89e-003	4.77e-003	4.62	-6.59	8.22
	122	-5.55e-005	-8.54e-004	-9.57e-003	1.94	-2.17	13.60
	121	1.26e-004	1.94e-003	-8.64e-003	0.13	-0.38	22.40
637	129	-7.88e-002	1.29e-002	2.27e-002	7.80	-21.12	-1.30
	133	-8.00e-002	-5.93e-003	3.49e-002	8.42	-12.25	-1.19
	134	-4.68e-002	-3.77e-003	1.81e-002	6.30	-9.59	7.60
	130	-4.56e-002	1.50e-002	5.84e-003	9.97	-25.54	7.49
638	128	-5.85e-002	1.89e-002	6.71e-002	1.71	-10.83	-10.81
	132	-6.11e-002	-2.15e-002	6.38e-002	6.24	-10.52	-5.91
	133	-8.11e-002	-2.28e-002	4.80e-002	7.27	-12.23	-1.75
	129	-7.85e-002	1.76e-002	5.13e-002	7.53	-24.02	-6.65
639	127	-1.22e-002	-4.54e-003	1.36e-002	-0.98	-1.95	-10.94
	131	-1.07e-002	1.88e-002	9.12e-004	-0.14	-1.93	-6.14
	132	-5.87e-002	1.57e-002	4.93e-002	4.25	-8.06	-5.87
	128	-6.02e-002	-7.66e-003	6.20e-002	1.42	-9.06	-10.66
640	126	-0.10	1.41e-002	-2.48e-002	24.15	-78.91	36.01
	130	-0.10	-4.62e-003	7.65e-003	12.26	-27.86	12.37
	121	1.26e-004	1.94e-003	3.40e-003	6.72	-9.98	31.83
	120	1.35e-003	2.07e-002	-2.90e-002	-2.65	-14.14	55.48

641	125	-0.11	-0.11	4.34e-002	4.68	-53.86	-18.02
	129	-0.10	1.13e-002	1.29e-002	18.49	-31.58	-7.42
	130	-0.10	1.15e-002	7.78e-003	13.06	-32.01	14.00
	126	-0.11	-0.11	3.83e-002	25.88	-70.74	3.40
642	124	-5.59e-002	-0.14	3.77e-002	-6.31	-11.60	-24.59
	128	-4.58e-002	1.97e-002	7.08e-002	7.11	-14.50	-12.35
	129	-0.10	1.61e-002	4.15e-002	11.47	-23.96	-10.06
	125	-0.11	-0.14	8.36e-003	6.74	-34.56	-22.29
643	123	0.12	4.29e-002	1.37e-003	4.53	-0.31	-12.03
	127	0.12	4.07e-003	2.91e-002	-5.95	-1.09	-11.65
	128	-4.75e-002	-6.83e-003	6.57e-002	3.28	-8.37	-14.93
	124	-4.50e-002	3.20e-002	3.80e-002	-4.51	0.37	-15.31
644	113	-0.10	-0.73	0.21	-64.02	-126.77	10.39
	126	-4.94e-002	1.74e-002	2.18e-002	48.11	-124.03	14.18
	120	1.35e-003	2.07e-002	0.11	57.74	-47.87	129.61
	48	-4.72e-002	-0.73	0.29	-79.76	-389.73	125.83
645	112	-7.33e-002	-0.53	2.84e-002	-13.86	-51.79	-26.31
	125	-4.58e-002	-0.10	2.44e-002	6.46	-59.18	-19.82
	126	-5.71e-002	-0.10	8.49e-002	28.68	-90.88	-0.32
	113	-8.47e-002	-0.53	8.89e-002	-34.78	-159.19	-6.81
646	111	-3.18e-002	-0.49	2.90e-002	5.20	14.30	-30.30
	124	-8.74e-003	-0.13	5.06e-002	-7.36	-5.24	-24.89
	125	-4.80e-002	-0.14	-1.06e-002	3.14	-42.77	-24.98
	112	-7.11e-002	-0.49	-3.22e-002	-4.06	-61.71	-30.39
647	5	4.20e-002	-0.55	-0.24	27.64	117.20	7.22
	123	8.01e-002	4.01e-002	-0.26	-22.02	10.17	10.96
	124	2.19e-003	3.51e-002	5.08e-002	-12.98	10.60	-22.06
	111	-3.59e-002	-0.55	7.08e-002	17.15	2.68	-25.80

SFORZI "Balconi e cornicioni" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	223.61	329.79	-5.30	1205.94	676.34	23250.19
	509	16.39	306.23	5.30	-1205.94	1575.16	-18244.57
2	255	-85.46	-9.70	3.44	124.93	-686.78	-349.04
	196	85.46	9.70	-3.44	-124.93	-407.22	-2733.79
3	487	59.52	483.29	1.08	-778.06	-196.96	48472.06
	509	-59.52	392.71	-1.08	778.06	-395.92	-23675.76
4	509	-14.13	-64.92	-25.56	-452.58	5249.93	-8684.81
	495	14.13	64.92	25.56	452.58	-2183.27	893.84
5	195	670.87	-119.73	-117.28	199.47	5365.76	-4538.06
	509	-670.87	119.73	117.28	-199.47	12226.82	-13421.33
6	403	-1.26	-0.15	-2.03	67.62	71.11	-0.42
	413	1.26	0.15	2.03	-67.62	-8.24e-002	-4.76
7	393	-2.78	-0.51	-2.91	94.99	184.04	-9.84
	403	2.78	0.51	2.91	-94.99	-82.12	-7.93
8	190	-6.01	-1.28	-4.31	104.76	357.35	-60.79
	393	6.01	1.28	4.31	-104.76	-206.47	16.06
9	353	21.80	-16.09	-49.98	-720.20	-1602.41	548.22
	363	-21.80	16.09	49.98	720.20	3351.61	-1111.48
10	343	17.95	-15.38	-41.34	-544.75	930.18	-174.66
	353	-17.95	15.38	41.34	544.75	516.81	-363.49
11	187	22.19	-24.85	-51.53	-501.96	3834.63	-1134.79
	343	-22.19	24.85	51.53	501.96	-2031.25	264.93

12	323	2.11	-0.14	-1.57	-19.82	52.97	-4.40
	333	-2.11	0.14	1.57	19.82	1.97	-0.44
13	313	4.19	-0.64	-2.15	-25.93	131.70	-15.20
	323	-4.19	0.64	2.15	25.93	-56.61	-7.25
14	181	8.75	-2.04	-3.12	-27.47	253.21	-116.27
	313	-8.75	2.04	3.12	27.47	-144.08	44.82
15	277	19.76	14.28	-24.15	542.73	-727.89	-461.51
	283	-19.76	-14.28	24.15	-542.73	1573.01	961.27
16	271	17.53	10.18	-20.08	415.41	472.75	91.18
	277	-17.53	-10.18	20.08	-415.41	230.14	265.11
17	176	23.31	13.22	-25.17	376.81	1855.46	579.25
	271	-23.31	-13.22	25.17	-376.81	-974.67	-116.55
18	272	75.47	-62.39	-49.55	-61.66	-2727.98	912.23
	278	-75.47	62.39	49.55	61.66	4462.38	-3095.89
19	266	46.32	-41.86	-40.87	42.58	-875.81	-641.90
	272	-46.32	41.86	40.87	-42.58	2306.12	-823.21
20	175	25.14	-56.08	-39.41	84.66	926.55	-2787.77
	266	-25.14	56.08	39.41	-84.66	452.69	824.84
21	508	52.35	-3.92e-002	0.20	-142.01	-25.09	480.24
	278	-52.35	3.92e-002	-0.20	142.01	-34.33	-492.00
22	506	-4.02	18.49	1.53	579.72	-569.87	5083.78
	500	4.02	-18.49	-1.53	-579.72	-65.13	2576.31
23	167	-78.40	-12.62	-3.61	-270.11	656.94	-1236.76
	506	78.40	12.62	3.61	270.11	387.70	-2417.93
24	507	33.82	4.22	4.65e-003	-61.87	-27.21	652.06
	508	-33.82	-4.22	-4.65e-003	61.87	25.81	612.98
25	506	20.63	-0.76	-0.74	-93.83	169.21	-278.14
	507	-20.63	0.76	0.74	93.83	149.31	-49.22
26	505	-5.45	4.57	1.13	175.33	-159.21	1139.40
	506	5.45	-4.57	-1.13	-175.33	-279.78	643.28
27	504	8.54	-10.59	1.36	485.98	-443.74	-2451.56
	505	-8.54	10.59	-1.36	-485.98	-142.77	-2103.42
28	504	210.40	324.98	-3.38	1867.96	-258.92	22315.76
	498	53.60	283.02	3.38	-1867.96	1659.51	-13622.87
29	161	80.18	186.35	-7.40	-1229.95	1952.99	6490.82
	504	87.82	245.65	7.40	1229.95	189.99	-15081.33
30	499	56.68	375.27	1.88	-1280.01	-296.31	27118.55
	498	-56.68	312.73	-1.88	1280.01	-510.93	-13670.72
31	500	29.58	311.14	-1.44	-427.32	271.61	21882.60
	499	-29.58	312.86	1.44	427.32	289.72	-22216.86
32	501	30.91	340.33	-8.69e-002	131.60	3.95	22063.18
	500	-30.91	347.67	8.69e-002	-131.60	33.41	-23642.87
33	502	-2.89	220.99	-0.42	23.30	76.63	10545.13
	501	2.89	259.01	0.42	-23.30	48.02	-16248.31
34	503	-13.76	286.63	4.01e-002	78.48	38.09	22839.81
	502	13.76	193.37	-4.01e-002	-78.48	-50.13	-8851.62
35	496	31.10	400.52	0.20	387.42	-10.79	28025.67
	503	-31.10	415.48	-0.20	-387.42	-90.14	-31838.68
36	160	632.08	-57.73	-4.52	685.61	32.57	686.76
	504	-632.08	57.73	4.52	-685.61	442.44	-6748.45
37	163	15.16	0.24	13.99	-301.98	-505.36	335.68

	505	-15.16	-0.24	-13.99	301.98	-964.02	-310.66
38	166	50.20	-55.58	-20.94	56.84	964.00	-2900.39
	506	-50.20	55.58	20.94	-56.84	1235.10	-2935.01
39	169	4.98	-0.75	-13.19	122.11	781.84	-110.23
	507	-4.98	0.75	13.19	-122.11	602.85	31.96
40	172	-4.26	-0.19	-18.53	0.72	852.77	59.84
	508	4.26	0.19	18.53	-0.72	1093.22	-80.15
41	159	593.67	61.68	-53.30	267.29	3094.00	4310.49
	498	-593.67	-61.68	53.30	-267.29	11296.35	12342.86
42	162	688.13	3.32	27.10	-6.58	-2415.65	42.80
	499	-688.13	-3.32	-27.10	6.58	-4901.69	852.69
43	165	643.46	-12.41	-2.86	14.38	-482.00	-1332.73
	500	-643.46	12.41	2.86	-14.38	1254.45	-2017.39
44	168	599.34	0.33	33.80	51.97	-3309.89	197.03
	501	-599.34	-0.33	-33.80	-51.97	-5814.87	-108.30
45	171	414.36	-0.46	10.86	26.50	-1240.00	-178.19
	502	-414.36	0.46	-10.86	-26.50	-1693.51	55.17
46	174	702.10	-0.16	-44.86	-52.04	3112.78	-351.54
	503	-702.10	0.16	44.86	52.04	8998.87	308.94
47	177	643.87	14.98	64.21	-172.13	-4611.98	794.93
	496	-643.87	-14.98	-64.21	172.13	-12724.38	3250.89
48	178	503.66	-3.98	4.44	128.05	14.05	397.23
	497	-503.66	3.98	-4.44	-128.05	-1213.62	-1472.17
49	278	54.29	37.06	0.65	-425.15	-188.49	8423.19
	496	-54.29	-37.06	-0.65	425.15	-236.79	15926.33
50	497	-11.57	315.15	1.19	-2248.84	-411.57	17014.56
	496	11.57	292.85	-1.19	2248.84	-38.90	-12776.32
51	478	-15.55	243.49	-3.26	-1035.22	339.87	22965.67
	497	15.55	188.51	3.26	1035.22	539.62	-15542.39
52	173	-105.09	6.32	-1.82	-500.08	479.05	4314.89
	278	105.09	-6.32	1.82	500.08	278.10	-1677.21
53	283	2.17	9.12	-0.76	691.42	-17.79	2950.43
	478	-2.17	-9.12	0.76	-691.42	424.75	1936.55
54	173	-52.97	-4.49	-5.91	-1005.19	1540.20	-624.00
	283	52.97	4.49	5.91	1005.19	338.99	-803.46
55	483	150.81	708.69	-2.09	1861.85	435.12	94287.55
	484	-150.81	567.82	2.09	-1861.85	1230.76	-38092.47
56	482	54.46	370.69	0.25	-431.23	95.52	31467.22
	483	-54.46	509.76	-0.25	431.23	-233.35	-69732.06
57	481	76.59	511.44	0.20	150.17	-46.65	50847.01
	482	-76.59	464.56	-0.20	-150.17	-76.57	-36546.40
58	480	34.03	446.41	-0.10	217.82	28.83	47273.05
	481	-34.03	433.60	0.10	-217.82	26.92	-43748.44
59	479	46.24	514.51	-0.27	-202.44	78.55	52263.10
	480	-46.24	509.49	0.27	202.44	92.32	-50659.52
60	478	26.99	416.13	0.66	-2.43	-288.79	31017.55
	479	-26.99	479.87	-0.66	2.43	-81.84	-48862.16
61	363	-7.45	12.96	2.33e-003	-338.12	258.55	4299.59
	480	7.45	-12.96	-2.33e-003	338.12	-259.80	2649.86
62	186	-112.87	9.95	10.50	1706.47	-2618.97	2857.93
	363	112.87	-9.95	-10.50	-1706.47	-717.62	305.78

63	473	253.24	387.64	9.52	-4581.20	-795.33	29615.22
	484	10.76	360.37	-9.52	4581.20	-3922.06	-22857.40
64	255	15.14	13.35	-4.66	1412.29	786.91	3972.35
	483	-15.14	-13.35	4.66	-1412.29	1621.90	2932.12
65	492	-1.40	-7.33	5.71	21.23	-654.80	-1106.39
	489	1.40	7.33	-5.71	-21.23	-1058.64	-1093.24
66	494	-2.03	3.31	-1.15	-237.77	395.64	852.36
	492	2.03	-3.31	1.15	237.77	232.29	954.19
67	492	23.20	9.35	5.91	138.28	-1266.87	1927.00
	495	-23.20	-9.35	-5.91	-138.28	-1084.37	1791.23
68	491	-2.18	1.89	-4.00	-794.46	1498.53	700.48
	492	2.18	-1.89	4.00	794.46	1712.59	816.41
69	490	-40.04	18.77	7.20	90.24	-882.36	2081.25
	491	40.04	-18.77	-7.20	-90.24	-1260.26	3503.35
70	489	2.81	1.46	-4.04	-459.79	1539.39	587.45
	490	-2.81	-1.46	4.04	459.79	1689.64	584.28
71	488	-0.39	1.82e-002	0.95	28.48	-93.32	-26.18
	489	0.39	-1.82e-002	-0.95	-28.48	-426.78	36.11
72	494	-4.82	7.10	-1.15	5.69	251.47	1433.15
	488	4.82	-7.10	1.15	-5.69	94.85	695.36
73	493	-0.54	-12.81	3.56	503.48	-681.48	-2309.76
	494	0.54	12.81	-3.56	-503.48	-735.36	-2781.71
74	493	58.86	4.77	-2.39	-392.94	677.66	1869.75
	495	-58.86	-4.77	2.39	392.94	631.79	744.30
75	473	17.31	4.05	-44.14	807.28	9824.54	157.49
	490	-17.31	-4.05	44.14	-807.28	-2541.73	511.53
76	382	337.39	-38.41	-150.99	-600.83	-12448.86	1121.67
	473	-337.39	38.41	150.99	600.83	17733.59	-2466.03
77	293	309.02	-18.48	-111.98	-1102.10	-7479.41	-354.36
	382	-309.02	18.48	111.98	1102.10	11398.71	-292.41
78	200	351.82	-1.94	-89.76	-1621.99	-3308.94	194.40
	293	-351.82	1.94	89.76	1621.99	6450.43	-262.36
79	255	8.78	8.91	3.59	53.96	13.13	868.14
	489	-8.78	-8.91	-3.59	-53.96	-604.96	602.34
80	245	30.25	4.36	-47.30	484.46	-1525.83	-59.59
	255	-30.25	-4.36	47.30	-484.46	3181.29	212.05
81	235	26.26	-4.26	-38.78	457.28	768.85	-110.03
	245	-26.26	4.26	38.78	-457.28	588.51	-39.22
82	197	32.82	-17.05	-47.65	445.55	3376.25	-910.36
	235	-32.82	17.05	47.65	-445.55	-1708.54	313.70
83	443	-7.08	-1.54	-5.77	1.53	285.64	-222.97
	488	7.08	1.54	5.77	-1.53	666.88	-31.87
84	433	-2.73	1.51	-0.88	-30.86	301.13	-76.11
	443	2.73	-1.51	0.88	30.86	-270.25	129.06
85	423	-0.91	-2.90e-002	-2.56	-42.16	453.97	-20.48
	433	0.91	2.90e-002	2.56	42.16	-364.42	19.47
86	193	0.30	-2.33	-5.65	-47.72	728.18	-137.83
	423	-0.30	2.33	5.65	47.72	-530.47	56.17
87	201	-16.88	-4.70	36.09	238.27	-5446.22	-691.15
	491	16.88	4.70	-36.09	-238.27	-4299.11	-578.33
88	196	-3.18	0.22	27.42	23.21	-4924.28	28.85

	492	3.18	-0.22	-27.42	-23.21	-2480.07	30.38
89	192	23.22	2.69	5.43	-88.25	-355.20	370.46
	494	-23.22	-2.69	-5.43	88.25	-1110.79	354.57
90	487	-8.03	55.30	2.93	-3.81	1564.88	4262.73
	493	8.03	-55.30	-2.93	3.81	-1916.82	2373.23
91	185	956.48	-24.30	2.05	-216.14	146.86	-1339.04
	487	-956.48	24.30	-2.05	216.14	-454.19	-2306.70
92	486	139.12	494.78	0.20	332.64	-105.97	50652.17
	487	-139.12	481.22	-0.20	-332.64	-15.36	-46516.02
93	485	130.83	383.40	-0.32	1241.49	76.50	19024.55
	486	-130.83	496.61	0.32	-1241.49	100.72	-50155.63
94	186	278.00	328.07	-0.88	-2930.23	1509.09	21291.03
	485	-38.00	311.94	0.88	2930.23	-1131.87	-17845.65
95	183	662.13	131.71	-145.39	45.57	5117.13	3868.12
	485	-662.13	-131.71	145.39	-45.57	16690.65	15888.91
96	184	991.39	8.29	7.36e-002	-5.25	-691.90	752.74
	486	-991.39	-8.29	-7.36e-002	5.25	680.86	491.41
97	179	650.29	41.78	-4.66	242.37	355.19	4018.26
	478	-650.29	-41.78	4.66	-242.37	903.77	7263.28
98	182	994.37	19.25	0.93	-3.29	-450.79	1796.86
	479	-994.37	-19.25	-0.93	3.29	200.00	3400.94
99	188	945.87	-12.21	-11.09	-21.96	980.02	-310.52
	480	-945.87	12.21	11.09	21.96	2014.72	-2986.27
100	191	945.04	42.56	-0.46	-19.73	-142.84	4390.68
	481	-945.04	-42.56	0.46	19.73	266.51	7100.01
101	194	835.24	-22.15	1.68	18.95	-34.98	-899.42
	482	-835.24	22.15	-1.68	-18.95	-419.55	-5081.39
102	198	1200.96	91.49	14.90	1288.19	-4239.04	2041.96
	483	-1200.96	-91.49	-14.90	-1288.19	217.32	22661.03
103	199	911.23	-141.76	103.51	-943.01	-7994.67	-5753.95
	484	-911.23	141.76	-103.51	943.01	-19951.76	-32521.76
179	472	13.79	1.99	-5.99	-100.09	41.21	41.05
	473	-13.79	-1.99	5.99	100.09	278.36	65.29
180	467	0.59	-3.34e-002	8.32e-002	-33.88	-10.58	1.29
	472	-0.59	3.34e-002	-8.32e-002	33.88	6.15	-3.07
181	466	1.50	6.69e-003	0.20	-16.33	-9.15	-0.66
	467	-1.50	-6.69e-003	-0.20	16.33	-1.52	1.02
182	471	1.42e-014	-1.34	0.00	30.98	0.00	-35.11
	200	-1.42e-014	1.34	0.00	-30.98	0.00	-36.20
183	470	0.00	-9.05e-003	1.42e-014	16.19	-2.27e-013	-1.08
	471	0.00	9.05e-003	-1.42e-014	-16.19	-2.27e-013	0.59
184	229	0.00	5.09e-002	1.42e-014	-5.40e-002	-2.27e-013	1.60
	470	0.00	-5.09e-002	-1.42e-014	5.40e-002	-2.27e-013	1.12
185	469	0.00	5.56e-002	2.84e-014	-6.47	0.00	1.21
	229	0.00	-5.56e-002	-2.84e-014	6.47	0.00	1.76
186	468	-1.42e-014	3.80e-002	0.00	-8.64	0.00	1.01
	469	1.42e-014	-3.80e-002	0.00	8.64	0.00	1.02
187	228	-1.42e-014	4.04e-002	-1.42e-014	-9.34	0.00	1.11
	468	1.42e-014	-4.04e-002	1.42e-014	9.34	2.27e-013	1.04
188	465	1.35	-1.05e-002	5.03e-002	-11.20	-4.39	-0.11
	466	-1.35	1.05e-002	-5.03e-002	11.20	1.71	-0.44

189	464	0.45	1.05e-003	2.52e-003	-9.93	-1.83	-0.12
	465	-0.45	-1.05e-003	-2.52e-003	9.93	1.70	0.17
190	459	-0.54	-3.14e-003	-4.76e-003	-9.68	-0.72	-1.01e-002
	464	0.54	3.14e-003	4.76e-003	9.68	0.97	-0.16
191	458	-1.52	-2.00e-003	-3.59e-003	-9.65	-0.26	5.67e-002
	459	1.52	2.00e-003	3.59e-003	9.65	0.46	-0.16
192	457	-2.51	-2.38e-003	-2.12e-003	-9.65	-7.29e-002	0.14
	458	2.51	2.38e-003	2.12e-003	9.65	0.19	-0.27
193	456	-3.49	-2.30e-003	-1.72e-003	-9.65	4.30e-002	0.21
	457	3.49	2.30e-003	1.72e-003	9.65	4.85e-002	-0.34
194	463	1.42e-014	3.96e-002	1.42e-014	-9.57	0.00	1.18
	228	-1.42e-014	-3.96e-002	-1.42e-014	9.57	-2.27e-013	0.93
195	462	0.00	3.98e-002	1.42e-014	-9.64	0.00	1.26
	463	0.00	-3.98e-002	-1.42e-014	9.64	-2.27e-013	0.87
196	227	1.42e-014	3.99e-002	0.00	-9.66	-4.55e-013	1.34
	462	-1.42e-014	-3.99e-002	0.00	9.66	-2.27e-013	0.78
197	461	-1.42e-014	3.96e-002	7.11e-015	-9.65	-2.27e-013	1.40
	227	1.42e-014	-3.96e-002	-7.11e-015	9.65	-4.55e-013	0.71
198	460	-1.42e-014	4.06e-002	0.00	-9.62	-2.27e-013	1.54
	461	1.42e-014	-4.06e-002	0.00	9.62	2.27e-013	0.62
199	226	0.00	3.66e-002	0.00	-9.48	0.00	1.40
	460	0.00	-3.66e-002	0.00	9.48	-2.27e-013	0.55
200	453	-4.48	-2.16e-003	-2.78e-003	-9.64	0.21	0.30
	456	4.48	2.16e-003	2.78e-003	9.64	-5.69e-002	-0.41
201	452	-5.46	-2.84e-003	-6.66e-003	-9.60	0.59	0.35
	453	5.46	2.84e-003	6.66e-003	9.60	-0.23	-0.50
202	451	-6.46	-2.35e-004	-1.85e-002	-9.51	1.63	0.53
	452	6.46	2.35e-004	1.85e-002	9.51	-0.64	-0.55
203	450	-7.49	-5.65e-003	-6.06e-002	-9.25	4.79	0.36
	451	7.49	5.65e-003	6.06e-002	9.25	-1.56	-0.66
204	449	-8.56	-2.32e-003	-0.22	-7.78	15.07	0.85
	450	8.56	2.32e-003	0.22	7.78	-3.57	-0.97
205	255	-8.47	-0.15	-6.37e-002	7.33	10.09	-4.10
	449	8.47	0.15	6.37e-002	-7.33	-6.69	-4.02
206	455	0.00	4.62e-002	0.00	-9.02	-2.27e-013	2.09
	226	0.00	-4.62e-002	0.00	9.02	-4.55e-013	0.38
207	454	1.42e-014	4.35e-002	-7.11e-015	-7.07	-2.27e-013	1.37
	455	-1.42e-014	-4.35e-002	7.11e-015	7.07	0.00	0.95
208	197	0.00	0.44	7.11e-015	8.33	-2.27e-013	15.87
	454	0.00	-0.44	-7.11e-015	-8.33	0.00	7.41
209	254	-4.69	2.20e-002	0.29	-17.50	11.64	1.76
	255	4.69	-2.20e-002	-0.29	17.50	-27.69	-0.56
210	253	-4.56	-5.65e-004	0.29	-1.12	5.60	0.29
	254	4.56	5.65e-004	-0.29	1.12	-21.57	-0.32
211	252	-4.38	-2.74e-003	8.57e-002	0.66	2.31	0.32
	253	4.38	2.74e-003	-8.57e-002	-0.66	-6.98	-0.47
212	251	-4.53	1.07e-003	2.73e-002	1.05	0.90	0.37
	252	4.53	-1.07e-003	-2.73e-002	-1.05	-2.39	-0.31
213	250	-4.74	-7.43e-004	1.01e-002	1.20	0.32	0.36
	251	4.74	7.43e-004	-1.01e-002	-1.20	-0.87	-0.40
214	249	-4.94	-5.08e-004	5.33e-003	1.24	4.62e-002	0.38

	250	4.94	5.08e-004	-5.33e-003	-1.24	-0.34	-0.40
215	248	-5.15	-4.71e-005	7.80e-003	1.18	-0.27	0.42
	249	5.15	4.71e-005	-7.80e-003	-1.18	-0.16	-0.42
216	247	-5.35	-1.00e-003	1.91e-002	0.89	-1.04	0.38
	248	5.35	1.00e-003	-1.91e-002	-0.89	-2.68e-003	-0.43
217	246	-5.48	5.09e-004	2.41e-002	7.06e-002	-2.16	0.50
	247	5.48	-5.09e-004	-2.41e-002	-7.06e-002	0.85	-0.47
218	443	-5.19	-3.07e-002	-0.13	-1.34	1.01	-0.95
	246	5.19	3.07e-002	0.13	1.34	5.87	-0.72
219	448	-1.42e-014	0.18	-1.42e-014	-18.49	2.27e-013	2.05
	197	1.42e-014	-0.18	1.42e-014	18.49	2.27e-013	7.90
220	225	-1.42e-014	9.50e-003	-2.13e-014	-1.88	4.55e-013	0.92
	448	1.42e-014	-9.50e-003	2.13e-014	1.88	4.55e-013	-0.40
221	447	-1.42e-014	1.62e-002	0.00	0.46	0.00	0.60
	225	1.42e-014	-1.62e-002	0.00	-0.46	2.27e-013	0.28
222	224	-1.42e-014	6.47e-003	-7.11e-015	1.07	0.00	0.60
	447	1.42e-014	-6.47e-003	7.11e-015	-1.07	0.00	-0.24
223	446	-1.42e-014	8.32e-003	-7.11e-015	1.25	4.55e-013	0.58
	224	1.42e-014	-8.32e-003	7.11e-015	-1.25	4.55e-013	-0.13
224	223	0.00	7.81e-003	-1.42e-014	1.33	0.00	0.62
	446	0.00	-7.81e-003	1.42e-014	-1.33	0.00	-0.19
225	445	-1.42e-014	7.47e-003	-7.11e-015	1.42	0.00	0.60
	223	1.42e-014	-7.47e-003	7.11e-015	-1.42	0.00	-0.19
226	222	-1.42e-014	9.35e-003	-7.11e-015	1.65	0.00	0.72
	445	1.42e-014	-9.35e-003	7.11e-015	-1.65	0.00	-0.21
227	444	-1.42e-014	1.03e-002	-1.42e-014	2.28	4.55e-013	0.66
	222	1.42e-014	-1.03e-002	1.42e-014	-2.28	4.55e-013	-0.10
228	193	-1.42e-014	5.44e-002	-1.42e-014	4.37	3.41e-013	2.50
	444	1.42e-014	-5.44e-002	1.42e-014	-4.37	1.14e-013	0.47
289	383	0.00	2.24e-002	-3.55e-015	-2.73	-1.14e-013	0.77
	193	0.00	-2.24e-002	3.55e-015	2.73	1.14e-013	0.60
290	221	0.00	-1.97e-002	0.00	-8.86e-003	0.00	-0.19
	383	0.00	1.97e-002	0.00	8.86e-003	-1.14e-013	-1.01
291	442	-6.63	-6.38e-002	0.19	2.80	-3.94	-0.72
	443	6.63	6.38e-002	-0.19	-2.80	-7.74	-3.18
292	441	-4.99	1.21e-003	6.62e-003	1.80	0.24	0.38
	442	4.99	-1.21e-003	-6.62e-003	-1.80	-0.65	-0.31
293	440	-4.08	1.71e-003	-7.41e-003	1.23	0.37	0.41
	441	4.08	-1.71e-003	7.41e-003	-1.23	7.89e-002	-0.30
294	439	-3.25	2.42e-003	-2.34e-003	1.06	0.15	0.32
	440	3.25	-2.42e-003	2.34e-003	-1.06	-9.03e-003	-0.17
295	380	0.00	-2.28e-002	-3.55e-015	0.71	0.00	-0.39
	221	0.00	2.28e-002	3.55e-015	-0.71	1.14e-013	-9.96e-001
296	220	0.00	-2.44e-002	3.55e-015	0.94	1.14e-013	-0.48
	380	0.00	2.44e-002	-3.55e-015	-0.94	0.00	-1.01
297	379	-7.11e-015	-2.38e-002	3.55e-015	1.00	-2.27e-013	-0.54
	220	7.11e-015	2.38e-002	-3.55e-015	-1.00	-1.14e-013	-0.92
298	219	0.00	-2.39e-002	-3.55e-015	1.02	0.00	-0.61
	379	0.00	2.39e-002	3.55e-015	-1.02	-1.14e-013	-0.85
299	438	-2.41	1.84e-003	2.10e-004	1.02	1.52e-002	0.25
	439	2.41	-1.84e-003	-2.10e-004	-1.02	-2.80e-002	-0.14

300	437	-1.56	1.94e-003	2.07e-003	1.00	-0.12	0.18
	438	1.56	-1.94e-003	-2.07e-003	-1.00	-6.64e-003	-6.16e-002
301	436	-0.72	2.05e-003	6.50e-003	0.95	-0.44	0.13
	437	0.72	-2.05e-003	-6.50e-003	-0.95	4.75e-002	-3.02e-004
302	435	0.13	2.17e-003	1.85e-002	0.79	-1.38	4.75e-002
	436	-0.13	-2.17e-003	-1.85e-002	-0.79	0.25	8.47e-002
303	376	0.00	-2.39e-002	0.00	1.03	-2.27e-013	-0.67
	219	0.00	2.39e-002	0.00	-1.03	0.00	-0.79
304	218	0.00	-2.36e-002	0.00	1.03	1.14e-013	-0.74
	376	0.00	2.36e-002	0.00	-1.03	0.00	-0.71
305	375	7.11e-015	-2.28e-002	1.78e-015	1.00	-5.68e-014	-0.76
	218	-7.11e-015	2.28e-002	-1.78e-015	-1.00	-5.68e-014	-0.63
306	190	0.00	-2.09e-002	-1.78e-015	1.17	1.14e-013	-0.69
	375	0.00	2.09e-002	1.78e-015	-1.17	-1.14e-013	-0.59
307	434	1.03	1.49e-003	4.19e-002	0.31	-3.78	-2.45e-002
	435	-1.03	-1.49e-003	-4.19e-002	-0.31	1.22	0.12
308	413	2.07	-6.78e-003	6.02e-002	-0.52	-9.04	-0.55
	434	-2.07	6.78e-003	-6.02e-002	0.52	5.37	0.14
309	412	2.30	5.56e-003	-0.27	-2.83	-10.93	-0.19
	413	-2.30	-5.56e-003	0.27	2.83	25.91	0.50
310	411	1.68	-1.41e-003	-0.12	-4.87	-3.78	-0.17
	412	-1.68	1.41e-003	0.12	4.87	10.16	9.20e-002
311	372	0.00	5.26e-002	-3.55e-015	-4.55	0.00	0.99
	190	0.00	-5.26e-002	3.55e-015	4.55	-5.68e-014	1.91
312	217	0.00	1.90e-002	5.33e-015	-5.61	1.14e-013	0.44
	372	0.00	-1.90e-002	-5.33e-015	5.61	1.71e-013	0.60
313	371	0.00	2.03e-002	5.33e-015	-6.07	5.68e-014	0.44
	217	0.00	-2.03e-002	-5.33e-015	6.07	1.14e-013	0.67
314	216	1.42e-014	1.99e-002	3.55e-015	-6.21	0.00	0.52
	371	-1.42e-014	-1.99e-002	-3.55e-015	6.21	5.68e-014	0.58
315	410	1.10	-1.72e-003	-4.43e-002	-5.73	-1.20	-0.14
	411	-1.10	1.72e-003	4.43e-002	5.73	3.64	4.45e-002
316	409	0.56	-1.14e-003	-1.79e-002	-6.06	-0.24	-6.78e-002
	410	-0.56	1.14e-003	1.79e-002	6.06	1.22	5.21e-003
317	408	2.09e-002	-1.37e-003	-1.14e-002	-6.14	0.37	-5.11e-002
	409	-2.09e-002	1.37e-003	1.14e-002	6.14	0.26	-2.45e-002
318	407	-0.52	-9.55e-004	-1.77e-002	-6.08	1.36	4.33e-002
	408	0.52	9.55e-004	1.77e-002	6.08	-0.38	-0.10
319	368	-1.42e-014	1.99e-002	3.55e-015	-6.23	-5.68e-014	0.53
	216	1.42e-014	-1.99e-002	-3.55e-015	6.23	0.00	0.56
320	215	1.42e-014	2.03e-002	3.55e-015	-6.15	1.14e-013	0.63
	368	-1.42e-014	-2.03e-002	-3.55e-015	6.15	1.42e-013	0.49
321	367	-1.42e-014	1.94e-002	1.78e-015	-5.85	-8.53e-014	0.54
	215	1.42e-014	-1.94e-002	-1.78e-015	5.85	-5.68e-014	0.53
322	214	0.00	2.36e-002	2.66e-015	-4.84	8.53e-014	0.99
	367	0.00	-2.36e-002	-2.66e-015	4.84	2.84e-014	0.31
323	406	-1.05	-1.67e-003	-4.46e-002	-5.84	3.90	-3.54e-002
	407	1.05	1.67e-003	4.46e-002	5.84	-1.45	-5.65e-002
324	405	-1.55	-3.19e-003	-0.13	-5.24	11.34	0.14
	406	1.55	3.19e-003	0.13	5.24	-3.93	-0.32
325	404	-2.58	-1.72e-002	-0.46	-2.88	35.01	-0.59

	405	2.58	1.72e-002	0.46	2.88	-9.71	-0.36
326	363	-6.04	0.30	-0.82	17.04	65.40	13.39
	404	6.04	-0.30	0.82	-17.04	-20.23	3.08
327	364	0.00	5.60e-003	-1.78e-015	-1.28	9.95e-014	-4.91e-002
	214	0.00	-5.60e-003	1.78e-015	1.28	4.26e-014	0.36
328	187	0.00	0.36	2.22e-015	19.61	1.28e-013	13.87
	364	0.00	-0.36	-2.22e-015	-19.61	-7.11e-014	6.03
389	362	9.62	0.36	-0.51	-7.76	-3.59	6.57
	363	-9.62	-0.36	0.51	7.76	35.95	16.18
390	361	5.14	-6.14e-003	1.59e-002	3.49	-0.87	-0.41
	362	-5.14	6.14e-003	-1.59e-002	-3.49	-0.15	1.43e-002
391	302	-7.11e-015	0.19	-2.22e-016	-10.12	3.55e-014	2.41
	187	7.11e-015	-0.19	2.22e-016	10.12	-6.57e-014	9.74
392	213	0.00	1.97e-002	9.99e-016	2.45	5.33e-015	0.43
	302	0.00	-1.97e-002	-9.99e-016	-2.45	1.78e-014	0.83
393	301	7.11e-015	3.08e-002	-2.22e-016	3.04	-6.39e-014	0.55
	213	-7.11e-015	-3.08e-002	2.22e-016	-3.04	-5.68e-014	1.42
394	212	-7.11e-015	3.07e-002	-4.44e-016	3.19	-1.42e-014	0.83
	301	7.11e-015	-3.07e-002	4.44e-016	-3.19	-1.42e-014	1.13
395	360	3.81	-5.77e-003	1.23e-003	3.36	1.24e-003	-0.61
	361	-3.81	5.77e-003	-1.23e-003	-3.36	-8.00e-002	0.24
396	359	2.66	-3.20e-003	-3.77e-004	3.26	3.68e-002	-0.24
	360	-2.66	3.20e-003	3.77e-004	-3.26	-1.27e-002	3.72e-002
397	358	1.45	-2.38e-003	4.90e-004	3.24	-2.57e-002	-0.22
	359	-1.45	2.38e-003	-4.90e-004	-3.24	-5.67e-003	6.73e-002
398	357	0.22	-2.84e-003	2.28e-003	3.22	-0.16	-0.10
	358	-0.22	2.84e-003	-2.28e-003	-3.22	1.17e-002	-8.58e-002
399	298	0.00	3.06e-002	-1.78e-015	3.22	2.84e-014	0.84
	212	0.00	-3.06e-002	1.78e-015	-3.22	2.84e-014	1.12
400	211	0.00	3.03e-002	8.88e-016	3.23	-5.68e-014	0.97
	298	0.00	-3.03e-002	-8.88e-016	-3.23	-2.84e-014	0.97
401	297	0.00	3.02e-002	-8.88e-016	3.22	0.00	1.03
	211	0.00	-3.02e-002	8.88e-016	-3.22	0.00	0.90
402	210	-7.11e-015	3.09e-002	-1.78e-015	3.17	8.53e-014	1.21
	297	7.11e-015	-3.09e-002	1.78e-015	-3.17	0.00	0.77
403	356	-1.00e+000	-2.62e-003	7.38e-003	3.17	-0.54	-1.55e-002
	357	1.00e+000	2.62e-003	-7.38e-003	-3.17	6.96e-002	-0.15
404	355	-2.22	-3.75e-003	2.26e-002	3.01	-1.74	6.28e-002
	356	2.22	3.75e-003	-2.26e-002	-3.01	0.30	-0.30
405	354	-3.50	-2.73e-003	6.28e-002	2.53	-5.27	0.18
	355	3.50	2.73e-003	-6.28e-002	-2.53	1.25	-0.36
406	333	-4.84	7.28e-003	0.14	1.30	-14.01	0.85
	354	4.84	-7.28e-003	-0.14	-1.30	5.00	-0.38
407	294	7.11e-015	3.06e-002	1.78e-015	2.96	0.00	1.20
	210	-7.11e-015	-3.06e-002	-1.78e-015	-2.96	0.00	0.76
408	181	0.00	7.42e-002	0.00	2.48	1.14e-013	3.20
	294	0.00	-7.42e-002	0.00	-2.48	0.00	1.55
409	332	-4.81	-1.25e-002	-8.92e-002	-0.39	-5.35	0.30
	333	4.81	1.25e-002	8.92e-002	0.39	10.34	-9.97e-001
410	331	-3.63	1.30e-003	-4.68e-002	-1.22	-1.62	0.31
	332	3.63	-1.30e-003	4.68e-002	1.22	4.25	-0.24

411	292	0.00	-1.68e-002	0.00	-1.60	5.68e-014	-0.40
	181	0.00	1.68e-002	0.00	1.60	1.14e-013	-0.54
412	209	0.00	-2.88e-002	-3.55e-015	-1.76	1.14e-013	-0.53
	292	0.00	2.88e-002	3.55e-015	1.76	5.68e-014	-1.08
413	291	0.00	-3.04e-002	0.00	-1.88	1.14e-013	-0.64
	209	0.00	3.04e-002	0.00	1.88	1.14e-013	-1.06
414	208	0.00	-3.15e-002	3.55e-015	-1.91	0.00	-0.74
	291	0.00	3.15e-002	-3.55e-015	1.91	0.00	-1.02
415	330	-2.66	2.35e-003	-1.93e-002	-1.66	-0.49	0.29
	331	2.66	-2.35e-003	1.93e-002	1.66	1.57	-0.16
416	329	-1.77	2.20e-003	-6.78e-003	-1.83	-0.17	0.19
	330	1.77	-2.20e-003	6.78e-003	1.83	0.55	-6.74e-002
417	328	-0.89	2.18e-003	-1.61e-003	-1.90	-0.10	0.14
	329	0.89	-2.18e-003	1.61e-003	1.90	0.19	-2.12e-002
418	327	-7.25e-003	1.55e-003	1.51e-003	-1.94	-0.19	1.56e-002
	328	7.25e-003	-1.55e-003	-1.51e-003	1.94	0.10	7.14e-002
419	288	0.00	-3.13e-002	0.00	-1.91	0.00	-0.80
	208	0.00	3.13e-002	0.00	1.91	0.00	-0.95
420	207	0.00	-3.13e-002	0.00	-1.92	0.00	-0.89
	288	0.00	3.13e-002	0.00	1.92	0.00	-0.86
421	287	0.00	-3.26e-002	0.00	-1.92	1.14e-013	-0.96
	207	0.00	3.26e-002	0.00	1.92	1.14e-013	-0.87
422	206	0.00	-3.28e-002	0.00	-1.92	-1.14e-013	-1.12
	287	0.00	3.28e-002	0.00	1.92	-1.14e-013	-0.72
423	326	0.86	3.34e-003	5.97e-003	-2.01	-0.51	0.10
	327	-0.86	-3.34e-003	-5.97e-003	2.01	0.18	8.73e-002
424	325	1.65	1.99e-003	1.42e-002	-2.17	-1.39	-0.22
	326	-1.65	-1.99e-003	-1.42e-002	2.17	0.59	0.34
425	324	2.70	1.28e-002	2.91e-002	-2.30	-3.66	0.55
	325	-2.70	-1.28e-002	-2.91e-002	2.30	2.03	0.17
426	283	6.86	-0.38	0.35	2.62	-25.75	-15.38
	324	-6.86	0.38	-0.35	-2.62	6.04	-6.02
427	284	0.00	-1.44e-002	3.55e-015	-1.70	0.00	-0.45
	206	0.00	1.44e-002	-3.55e-015	1.70	0.00	-0.36
428	176	0.00	-7.41e-002	-3.55e-015	4.17	0.00	-4.20
	284	0.00	7.41e-002	3.55e-015	-4.17	0.00	5.05e-002
444	282	-4.84	-0.28	0.66	-8.71	15.58	-2.63
	283	4.84	0.28	-0.66	8.71	-51.06	-12.43
445	281	-0.31	1.50e-002	0.29	2.44	7.34	-0.11
	282	0.31	-1.50e-002	-0.29	-2.44	-23.21	0.92
446	280	1.97	1.03e-002	4.70e-002	4.84	3.83	0.70
	281	-1.97	-1.03e-002	-4.70e-002	-4.84	-6.36	-0.15
447	279	2.99	-5.04e-002	-3.31e-002	8.58	2.46	-2.92
	280	-2.99	5.04e-002	3.31e-002	-8.58	-0.67	0.20
448	278	1.90	0.60	1.14	25.99	-55.70	27.05
	279	-1.90	-0.60	-1.14	-25.99	-6.01	5.19
449	205	1.42e-014	-0.26	7.11e-015	-10.51	-1.14e-013	-4.79
	176	-1.42e-014	0.26	-7.11e-015	10.51	0.00	-9.25
450	204	0.00	-4.86e-002	7.11e-015	0.73	1.14e-013	-1.78
	205	0.00	4.86e-002	-7.11e-015	-0.73	1.14e-013	-0.85
451	203	-1.42e-014	-5.06e-002	0.00	2.07	0.00	-0.84

	204	1.42e-014	5.06e-002	0.00	-2.07	0.00	-1.89
452	202	1.42e-014	-6.77e-002	-1.42e-014	0.48	0.00	-3.11
	203	-1.42e-014	6.77e-002	1.42e-014	-0.48	0.00	-0.54
453	175	-1.42e-014	0.83	-7.11e-015	3.85	-2.27e-013	31.85
	202	1.42e-014	-0.83	7.11e-015	-3.85	-2.27e-013	12.97
454	101	-23.22	-3.04	-6.43	26.38	531.73	-609.38
	201	23.22	3.04	6.43	-26.38	1783.76	-484.73
455	100	465.06	-4.80	-7.32	26.38	1110.09	-1583.32
	200	-465.06	4.80	7.32	-26.38	1524.88	-145.49
456	99	930.52	-124.80	-25.37	26.38	3560.57	-34798.82
	199	-930.52	124.80	25.37	-26.38	5570.84	-10129.87
457	98	1176.23	82.68	-33.41	84.40	3696.78	24770.67
	198	-1176.23	-82.68	33.41	-84.40	8331.20	4995.64
458	97	57.47	4.22	0.26	26.38	336.14	857.47
	197	-57.47	-4.22	-0.26	-26.38	-429.53	660.79
459	96	346.23	1.05	24.81	26.38	-3443.00	156.49
	196	-346.23	-1.05	-24.81	-26.38	-5488.99	222.45
460	95	699.63	-0.60	13.55	26.38	-2017.52	-324.23
	195	-699.63	0.60	-13.55	-26.38	-2858.99	107.27
461	85	941.41	-1.72	2.69	26.38	-351.47	-241.88
	185	-941.41	1.72	-2.69	-26.38	-617.98	-376.10
462	92	38.02	2.78	5.10	26.38	-610.40	481.29
	192	-38.02	-2.78	-5.10	-26.38	-1225.40	517.95
463	93	1.26	0.96	3.53	26.38	-362.11	121.30
	193	-1.26	-0.96	-3.53	-26.38	-909.39	224.67
464	94	814.18	-17.76	0.40	26.38	-467.86	-4970.09
	194	-814.18	17.76	-0.40	-26.38	323.50	-1423.96
465	91	951.83	24.02	0.23	26.38	-419.46	5315.74
	191	-951.83	-24.02	-0.23	-26.38	336.84	3330.12
466	90	-11.17	0.32	1.86	26.38	-229.13	23.26
	190	11.17	-0.32	-1.86	-26.38	-440.54	92.84
467	89	-43.67	0.79	6.46	26.38	-702.75	-202.67
	189	43.67	-0.79	-6.46	-26.38	-1621.67	488.83
468	84	980.35	4.33	-0.23	26.38	3.76	646.94
	184	-980.35	-4.33	0.23	-26.38	80.35	911.32
469	83	699.11	-1.19	4.53	26.38	-611.78	78.87
	183	-699.11	1.19	-4.53	-26.38	-1018.90	-508.78
470	86	877.35	-32.43	24.69	26.38	-2677.80	-3748.88
	186	-877.35	32.43	-24.69	-26.38	-6209.98	-7925.54
471	87	38.60	0.36	2.38	26.38	337.25	166.37
	187	-38.60	-0.36	-2.38	-26.38	-1192.61	-37.48
472	88	948.13	-9.80	-8.42	26.38	1396.15	-2972.08
	188	-948.13	9.80	8.42	-26.38	1633.46	-557.25
473	80	1045.44	11.55	5.41	26.38	-474.23	1373.86
	180	-1045.44	-11.55	-5.41	-26.38	-1472.04	2785.74
474	81	16.48	1.10	0.65	26.38	78.31	197.69
	181	-16.48	-1.10	-0.65	-26.38	-310.90	199.05
475	82	969.41	14.13	-3.32	26.38	448.28	3238.23
	182	-969.41	-14.13	3.32	-26.38	748.19	1847.42
476	73	560.64	23.13	7.73	26.38	-1134.57	3091.83
	173	-560.64	-23.13	-7.73	-26.38	-1646.94	5235.36

477	76	53.57	2.18	2.66	26.38	-143.13	391.36
	176	-53.57	-2.18	-2.66	-26.38	-815.38	392.12
478	72	-16.45	1.85	1.61	26.38	-178.55	418.79
	172	16.45	-1.85	-1.61	-26.38	-401.31	246.08
479	79	640.08	30.51	-7.56	26.38	1307.29	6981.39
	179	-640.08	-30.51	7.56	-26.38	1415.52	4001.53
480	75	72.04	-2.90	2.92	26.38	-155.97	-436.40
	175	-72.04	2.90	-2.92	-26.38	-894.97	-608.85
481	78	515.39	-5.91	-3.93	26.38	522.44	-2106.07
	178	-515.39	5.91	3.93	-26.38	892.41	-21.89
482	70	630.11	7.67	5.05	26.38	-580.46	867.91
	170	-630.11	-7.67	-5.05	-26.38	-1236.89	1894.64
483	69	9.97	1.17	1.04	26.38	-141.51	231.11
	169	-9.97	-1.17	-1.04	-26.38	-234.24	188.70
484	66	81.68	3.13	0.32	26.38	-21.26	387.39
	166	-81.68	-3.13	-0.32	-26.38	-93.10	739.79
485	67	602.93	8.35	-1.93	26.38	112.04	1173.60
	167	-602.93	-8.35	1.93	-26.38	581.56	1832.91
486	64	700.64	-0.51	5.99	26.38	-593.06	52.25
	164	-700.64	0.51	-5.99	-26.38	-1563.21	-237.29
487	63	27.91	-0.49	2.63	26.38	-426.10	-20.43
	163	-27.91	0.49	-2.63	-26.38	-520.05	-157.09
488	61	497.58	-12.57	-18.40	26.38	1858.87	-1482.74
	161	-497.58	12.57	18.40	-26.38	4763.66	-3044.01
489	60	626.32	-1.86	3.27	26.38	-611.36	-484.66
	160	-626.32	1.86	-3.27	-26.38	-565.03	-184.22
490	59	603.79	-9.02	3.67	26.38	-286.92	-977.01
	159	-603.79	9.02	-3.67	-26.38	-1032.70	-2271.03
491	62	677.79	-2.04	-3.78	26.38	443.86	-114.87
	162	-677.79	2.04	3.78	-26.38	918.25	-621.33
492	65	628.25	-5.68	0.21	26.38	28.19	-771.03
	165	-628.25	5.68	-0.21	-26.38	-102.11	-1275.36
493	68	582.53	-1.99	-0.96	26.38	65.26	-146.15
	168	-582.53	1.99	0.96	-26.38	280.75	-568.78
494	71	432.68	-6.74	-2.14	26.38	300.71	-1003.27
	171	-432.68	6.74	2.14	-26.38	470.96	-1422.95
495	74	664.21	-6.23	-0.95	26.38	391.34	-812.23
	174	-664.21	6.23	0.95	-26.38	-49.04	-1431.98
496	77	653.55	25.84	-9.46	26.38	1135.17	6528.63
	177	-653.55	-25.84	9.46	-26.38	2271.97	2772.51
497	166	0.00	15.83	0.00	-391.97	-2.27e-013	2757.80
	167	0.00	-15.83	0.00	391.97	0.00	1516.76
498	165	5.68e-014	-19.94	8.88e-016	-53.80	0.00	-2886.86
	166	-5.68e-014	19.94	-8.88e-016	53.80	0.00	-4689.06
499	163	-5.68e-014	8.86	-2.22e-016	-57.23	0.00	1887.22
	160	5.68e-014	-8.86	2.22e-016	57.23	0.00	1924.69
500	166	5.68e-014	-3.89	2.22e-016	121.36	-5.68e-014	-653.51
	163	-5.68e-014	3.89	-2.22e-016	-121.36	0.00	-861.82
501	169	0.00	0.40	1.11e-016	-107.98	-2.84e-014	52.86
	166	0.00	-0.40	-1.11e-016	107.98	-5.68e-014	120.78
502	172	-1.14e-013	-4.59	2.22e-016	-29.50	0.00	-776.42

	169	1.14e-013	4.59	-2.22e-016	29.50	2.84e-014	-600.46
503	160	-1.14e-013	8.62	0.00	-1587.00	0.00	100.70
	161	1.14e-013	-8.62	0.00	1587.00	0.00	2226.19
504	159	1.14e-013	5.51	0.00	-194.77	-4.55e-013	1634.43
	160	-1.14e-013	-5.51	0.00	194.77	-2.27e-013	459.07
505	162	-1.14e-013	-4.61	0.00	405.03	1.14e-013	-115.01
	159	1.14e-013	4.61	0.00	-405.03	0.00	-1866.52
506	165	1.14e-013	5.73	8.88e-016	-173.51	-2.27e-013	622.20
	162	-1.14e-013	-5.73	-8.88e-016	173.51	-2.27e-013	1612.41
507	168	-1.14e-013	1.01	4.44e-016	105.27	-5.68e-014	416.50
	165	1.14e-013	-1.01	-4.44e-016	-105.27	-5.68e-014	15.72
508	171	0.00	17.81	-2.22e-016	-266.48	5.68e-014	2731.13
	168	0.00	-17.81	2.22e-016	266.48	5.68e-014	2612.64
509	174	0.00	-18.60	0.00	-93.34	-2.84e-014	-3234.05
	171	0.00	18.60	0.00	93.34	-5.68e-014	-2345.46
510	177	1.14e-013	2.89	-2.22e-016	149.28	0.00	1642.87
	174	-1.14e-013	-2.89	2.22e-016	-149.28	0.00	-170.80
511	164	1.14e-013	384.54	-1.78e-015	1220.62	0.00	25636.44
	161	-1.14e-013	303.46	1.78e-015	-1220.62	0.00	-8204.83
512	167	0.00	307.89	1.78e-015	983.33	-2.27e-013	22471.83
	164	0.00	316.11	-1.78e-015	-983.33	-2.27e-013	-24073.22
513	170	0.00	336.96	0.00	62.73	1.14e-013	20908.45
	167	0.00	351.04	0.00	-62.73	-1.14e-013	-23935.21
514	173	-2.27e-013	186.85	-8.88e-016	1957.37	5.68e-014	3725.58
	170	2.27e-013	293.15	8.88e-016	-1957.37	1.14e-013	-19671.56
515	176	-5.68e-014	6.31	1.11e-016	-1227.25	4.26e-014	1087.21
	173	5.68e-014	-6.31	-1.11e-016	1227.25	5.68e-014	807.03
516	179	0.00	-9.38	1.11e-016	52.14	2.84e-014	-2029.82
	176	0.00	9.38	-1.11e-016	-52.14	0.00	-2752.04
517	186	5.33e-014	-24.41	0.00	-1443.98	-2.84e-014	-6146.90
	183	-5.33e-014	24.41	0.00	1443.98	-4.26e-014	-3617.73
518	187	2.49e-014	-8.85	-1.11e-016	2009.79	-7.11e-015	102.32
	186	-2.49e-014	8.85	1.11e-016	-2009.79	0.00	-2756.24
519	188	1.07e-014	-13.92	2.22e-016	176.56	5.68e-014	-3003.26
	187	-1.07e-014	13.92	-2.22e-016	-176.56	5.68e-014	-4098.45
520	196	2.27e-013	-15.21	-2.22e-016	-91.82	1.14e-013	-4171.47
	195	-2.27e-013	15.21	2.22e-016	91.82	2.84e-014	-1873.83
521	197	1.14e-013	-9.53	-1.11e-016	6.36	1.42e-014	-133.22
	196	-1.14e-013	9.53	1.11e-016	-6.36	0.00	-2724.91
522	198	5.68e-014	-14.71	2.22e-016	-820.26	0.00	-3257.82
	197	-5.68e-014	14.71	-2.22e-016	820.26	2.84e-014	-3951.86
523	200	0.00	10.59	-5.55e-016	251.97	6.39e-014	1352.77
	201	0.00	-10.59	5.55e-016	-251.97	8.53e-014	1798.40
524	199	1.14e-013	3.93	3.33e-016	1333.07	0.00	1664.63
	200	-1.14e-013	-3.93	-3.33e-016	-1333.07	-5.68e-014	173.04
525	185	2.84e-014	-13.54	4.44e-016	633.57	1.14e-013	-3087.44
	195	-2.84e-014	13.54	-4.44e-016	-633.57	1.14e-013	-4327.19
526	184	-5.68e-014	1.53	0.00	162.45	5.68e-014	-441.47
	185	5.68e-014	-1.53	0.00	-162.45	1.14e-013	1372.30
527	183	5.68e-014	12.56	5.55e-016	-458.66	-3.13e-013	4805.46
	184	-5.68e-014	-12.56	-5.55e-016	458.66	-2.56e-013	2103.46

528	196	7.11e-015	-4.25	-4.44e-016	-1861.74	2.27e-013	-1960.24
	201	-7.11e-015	4.25	4.44e-016	1861.74	2.27e-013	-1448.75
529	192	7.11e-015	9.08	0.00	1355.76	1.14e-013	2310.54
	196	-7.11e-015	-9.08	0.00	-1355.76	1.14e-013	2636.22
530	189	0.00	-5.72	-4.44e-016	-224.84	1.14e-013	-2069.96
	192	0.00	5.72	4.44e-016	224.84	5.68e-014	-1422.13
531	186	7.11e-015	37.94	-1.11e-016	-1846.51	-5.68e-014	18310.94
	189	-7.11e-015	-37.94	1.11e-016	1846.51	-5.68e-014	2558.79
532	180	-3.55e-015	545.93	-1.67e-016	1473.48	-4.97e-014	57156.59
	186	3.55e-015	478.07	1.67e-016	-1473.48	0.00	-35439.63
533	173	-7.11e-015	396.49	0.00	1.45	0.00	25526.81
	180	7.11e-015	499.51	0.00	-1.45	0.00	-54370.85
534	172	1.42e-014	-25.69	0.00	708.33	-4.55e-013	5375.94
	173	-1.42e-014	25.69	0.00	-708.33	-4.55e-013	-12313.37
535	171	1.42e-014	-18.09	0.00	383.37	0.00	-1774.28
	172	-1.42e-014	18.09	0.00	-383.37	0.00	-5099.53
536	174	-2.84e-014	-16.41	0.00	341.11	4.55e-013	-2026.14
	175	2.84e-014	16.41	0.00	-341.11	4.55e-013	-4208.26
537	198	0.00	-15.36	-2.22e-016	-1176.16	2.27e-013	2258.39
	199	0.00	15.36	2.22e-016	1176.16	1.14e-013	-14514.47
538	194	5.68e-014	-5.35	4.44e-016	-145.17	-1.14e-013	-6841.35
	198	-5.68e-014	5.35	-4.44e-016	145.17	-1.14e-013	3900.07
539	191	0.00	15.72	-2.22e-016	-74.14	-1.71e-013	5079.63
	194	0.00	-15.72	2.22e-016	74.14	5.68e-014	4509.90
540	188	0.00	8.93	5.55e-016	131.86	2.84e-014	2269.67
	191	0.00	-8.93	-5.55e-016	-131.86	2.84e-014	2640.60
541	182	0.00	-7.26	5.55e-017	-247.61	5.68e-014	-1689.02
	188	0.00	7.26	-5.55e-017	247.61	2.84e-014	-2960.26
542	179	1.14e-013	17.70	4.44e-016	49.79	-5.68e-014	4577.50
	182	-1.14e-013	-17.70	-4.44e-016	-49.79	0.00	5333.30
543	178	0.00	18.53	0.00	-209.32	0.00	1508.45
	179	0.00	-18.53	0.00	209.32	0.00	3494.44
544	177	-5.68e-014	6.80	0.00	697.14	2.27e-013	3716.72
	178	5.68e-014	-6.80	0.00	-697.14	4.55e-013	-1133.11
545	66	2.84e-014	11.52	0.00	37.12	5.68e-014	1720.40
	67	-2.84e-014	-11.52	0.00	-37.12	0.00	1389.05
546	65	1.42e-014	-8.50	0.00	-9.22	-2.84e-014	-1533.30
	66	-1.42e-014	8.50	0.00	9.22	5.68e-014	-1696.01
547	63	-5.68e-014	7.09	-2.22e-016	167.86	-1.71e-013	1678.35
	60	5.68e-014	-7.09	2.22e-016	-167.86	-1.14e-013	1368.33
548	66	5.68e-014	-3.39	-2.22e-016	-71.16	5.68e-014	-455.17
	63	-5.68e-014	3.39	2.22e-016	71.16	0.00	-866.25
549	69	2.84e-014	2.34	2.22e-016	0.91	2.84e-014	453.76
	66	-2.84e-014	-2.34	-2.22e-016	-0.91	-2.84e-014	551.23
550	72	0.00	-0.41	5.55e-016	58.20	-5.68e-014	-0.69
	69	0.00	0.41	-5.55e-016	-58.20	-8.53e-014	-121.88
551	60	-5.68e-014	-10.43	1.78e-015	35.71	1.14e-013	-1060.04
	61	5.68e-014	10.43	-1.78e-015	-35.71	-1.14e-013	-1756.87
552	59	-2.84e-014	-3.75	4.44e-016	186.44	0.00	-1038.96
	60	2.84e-014	3.75	-4.44e-016	-186.44	0.00	-384.31
553	62	2.84e-014	-0.60	4.44e-016	-19.68	-1.14e-013	-251.57

	59	-2.84e-014	0.60	-4.44e-016	19.68	-1.71e-013	-7.89
554	65	5.68e-014	0.25	0.00	-174.77	0.00	98.45
	62	-5.68e-014	-0.25	0.00	174.77	2.84e-014	-1.53
555	68	-2.84e-014	-0.56	-2.22e-016	61.21	0.00	-202.63
	65	2.84e-014	0.56	2.22e-016	-61.21	-2.84e-014	-37.96
556	71	0.00	3.54	1.11e-016	-268.76	5.68e-014	643.49
	68	0.00	-3.54	-1.11e-016	268.76	4.26e-014	418.95
557	74	-5.68e-014	-3.68	-3.89e-016	61.30	-6.04e-014	-280.64
	71	5.68e-014	3.68	3.89e-016	-61.30	-2.13e-014	-823.20
558	77	2.84e-014	-2.71	-5.55e-017	1575.31	1.42e-014	-872.54
	74	-2.84e-014	2.71	5.55e-017	-1575.31	1.42e-014	-511.79
559	64	-2.84e-014	-3.31	2.22e-016	19.43	-1.14e-013	-361.33
	61	2.84e-014	3.31	-2.22e-016	-19.43	-1.71e-013	-1061.46
560	67	-2.84e-014	3.33	2.22e-016	3.96	5.68e-014	442.18
	64	2.84e-014	-3.33	-2.22e-016	-3.96	2.84e-014	856.61
561	70	0.00	-0.21	-1.11e-016	-161.89	0.00	61.19
	67	0.00	0.21	1.11e-016	161.89	0.00	-153.47
562	73	-2.84e-014	2.27	3.33e-016	267.66	0.00	62.08
	70	2.84e-014	-2.27	-3.33e-016	-267.66	5.68e-014	619.40
563	76	2.84e-014	18.23	-8.33e-017	-214.56	7.11e-015	3196.17
	73	-2.84e-014	-18.23	8.33e-017	214.56	-7.11e-015	2274.23
564	79	-1.42e-014	-11.85	0.00	380.68	-1.78e-015	-2792.12
	76	1.42e-014	11.85	0.00	-380.68	0.00	-3251.15
565	86	8.88e-016	5.93	-5.55e-017	-120.62	-2.84e-014	1463.21
	83	-8.88e-016	-5.93	5.55e-017	120.62	1.42e-014	909.78
566	87	0.00	4.15	1.25e-016	-0.93	-1.95e-014	651.46
	86	0.00	-4.15	-1.25e-016	0.93	-2.84e-014	594.49
567	88	1.55e-015	-12.34	1.39e-017	-244.51	0.00	-3351.14
	87	-1.55e-015	12.34	-1.39e-017	244.51	0.00	-2943.21
568	96	2.84e-014	15.80	-5.55e-017	125.82	-1.42e-014	3053.81
	95	-2.84e-014	-15.80	5.55e-017	-125.82	-7.11e-015	3225.00
569	97	0.00	24.10	8.33e-017	108.21	-8.88e-016	4387.75
	96	0.00	-24.10	-8.33e-017	-108.21	3.55e-015	2841.89
570	98	0.00	-28.18	-6.94e-018	886.67	0.00	-7201.20
	97	0.00	28.18	6.94e-018	-886.67	0.00	-6608.03
571	100	5.68e-014	2.89	-3.05e-016	-633.89	1.40e-014	996.55
	101	-5.68e-014	-2.89	3.05e-016	633.89	-7.11e-015	-137.79
572	99	-5.68e-014	-11.47	1.11e-016	-9486.10	-4.26e-014	-2517.83
	100	5.68e-014	11.47	-1.11e-016	9486.10	-4.26e-014	-2844.69
573	85	0.00	-3.67	2.22e-016	212.08	0.00	-1380.84
	95	0.00	3.67	-2.22e-016	-212.08	-5.68e-014	-627.02
574	84	2.13e-014	4.00	-5.55e-017	-63.28	-2.84e-014	942.56
	85	-2.13e-014	-4.00	5.55e-017	63.28	2.84e-014	1495.61
575	83	-7.11e-015	1.58	8.33e-017	-108.51	-2.84e-014	288.29
	84	7.11e-015	-1.58	-8.33e-017	108.51	-6.39e-014	582.79
576	96	1.07e-014	-0.42	-1.11e-016	-212.43	-2.84e-014	-509.00
	101	-1.07e-014	0.42	1.11e-016	212.43	-2.84e-014	168.28
577	92	0.00	5.36	-4.44e-016	301.96	5.68e-014	1244.75
	96	0.00	-5.36	4.44e-016	-301.96	5.68e-014	1674.17
578	89	-1.78e-014	4.16	0.00	-24.88	-2.84e-014	1980.00
	92	1.78e-014	-4.16	0.00	24.88	-1.42e-014	556.63

579	86	1.78e-015	-9.68	5.55e-017	60.46	1.42e-014	-3324.62
	89	-1.78e-015	9.68	-5.55e-017	-60.46	2.84e-014	-1999.51
580	80	8.88e-015	-2.06	-5.55e-017	-115.85	1.07e-014	-549.66
	86	-8.88e-015	2.06	5.55e-017	115.85	-1.42e-014	-766.68
581	73	-3.55e-015	3.40	-1.11e-016	-346.46	2.84e-014	348.05
	80	3.55e-015	-3.40	1.11e-016	346.46	5.68e-014	1556.29
582	72	-1.42e-014	30.60	1.78e-015	277.82	-3.41e-013	4700.51
	73	1.42e-014	-30.60	-1.78e-015	-277.82	-2.27e-013	3562.70
583	71	1.07e-014	-16.69	4.44e-016	-31.72	0.00	-2135.12
	72	-1.07e-014	16.69	-4.44e-016	31.72	0.00	-4206.42
584	97	-7.11e-015	10.31	1.11e-016	-8.81	0.00	2465.30
	100	7.11e-015	-10.31	-1.11e-016	8.81	-2.84e-014	5782.63
585	93	-2.13e-014	-1.61e-002	2.22e-016	-299.16	0.00	617.92
	97	2.13e-014	1.61e-002	-2.22e-016	299.16	-5.68e-014	-626.70
586	90	7.11e-015	1.87	0.00	-112.00	0.00	604.73
	93	-7.11e-015	-1.87	0.00	112.00	0.00	533.18
587	87	0.00	1.77	-8.33e-017	388.17	-4.26e-014	244.09
	90	0.00	-1.77	8.33e-017	-388.17	7.11e-015	731.39
588	81	-7.11e-015	0.28	-2.78e-017	-360.10	2.49e-014	175.29
	87	7.11e-015	-0.28	2.78e-017	360.10	7.11e-015	4.80
589	76	0.00	-1.31	1.11e-016	-57.61	0.00	-482.32
	81	0.00	1.31	-1.11e-016	57.61	0.00	-252.19
590	75	0.00	7.05	0.00	-43.59	1.14e-013	1765.74
	76	0.00	-7.05	0.00	43.59	0.00	137.92
591	74	-4.26e-014	-14.97	0.00	25.70	0.00	-2888.85
	75	4.26e-014	14.97	0.00	-25.70	1.14e-013	-2799.92
592	98	0.00	1310.44	0.00	33.68	-5.68e-014	171157.31
	99	0.00	1083.01	0.00	-33.68	-5.68e-014	-80434.13
593	94	-1.42e-014	706.95	0.00	-611.36	-5.68e-014	61263.07
	98	1.42e-014	943.88	0.00	611.36	0.00	-126451.97
594	91	0.00	956.02	5.55e-017	-51.07	-2.84e-014	97071.43
	94	0.00	873.98	-5.55e-017	51.07	-1.42e-014	-72051.86
595	88	1.42e-014	841.67	1.11e-016	495.97	-4.26e-014	87746.20
	91	-1.42e-014	808.34	-1.11e-016	-495.97	-7.11e-015	-78580.51
596	82	0.00	967.02	2.78e-017	-286.86	-7.11e-015	99545.61
	88	0.00	952.98	-2.78e-017	286.86	2.13e-014	-95052.94
597	79	0.00	774.56	0.00	187.17	5.68e-014	56961.36
	82	0.00	905.44	0.00	-187.17	0.00	-93608.07
598	78	-2.84e-014	346.15	0.00	-598.40	0.00	27380.91
	79	2.84e-014	463.85	0.00	598.40	0.00	-43269.94
599	77	0.00	522.28	0.00	-112.78	0.00	14631.98
	78	0.00	617.72	0.00	112.78	0.00	-32764.82
648	122	0.00	-5.71e-002	4.22e-015	41.01	-1.85e-013	2.74
	47	0.00	5.71e-002	-4.22e-015	-41.01	2.84e-014	-9.98
649	121	0.00	0.17	4.44e-016	58.89	1.71e-013	21.82
	122	0.00	-0.17	-4.44e-016	-58.89	0.00	-0.59
650	120	0.00	-0.10	-6.22e-015	146.54	5.68e-014	-6.41
	121	0.00	0.10	6.22e-015	-146.54	2.84e-013	-6.44
651	48	2.84e-014	-3.20	-1.78e-015	565.15	-5.68e-014	-95.78
	120	-2.84e-014	3.20	1.78e-015	-565.15	-2.27e-013	-310.44
652	119	0.00	0.62	5.33e-015	15.53	-1.14e-013	24.74

	46	0.00	-0.62	-5.33e-015	-15.53	2.84e-013	21.92
653	118	1.14e-013	0.67	3.55e-015	3.91	-2.84e-013	28.87
	119	-1.14e-013	-0.67	-3.55e-015	-3.91	-5.68e-014	21.52
654	117	-5.68e-014	0.60	1.78e-015	1.08	2.84e-014	24.86
	118	5.68e-014	-0.60	-1.78e-015	-1.08	2.84e-013	19.97
655	47	0.00	0.47	-6.04e-015	-12.98	5.47e-013	23.31
	117	0.00	-0.47	6.04e-015	12.98	4.97e-014	11.78
656	116	2.84e-014	2.10	7.11e-015	5.80	-3.41e-013	129.04
	41	-2.84e-014	-2.10	-7.11e-015	-5.80	-3.41e-013	79.63
657	115	-2.84e-014	0.47	3.55e-015	1.37	-1.14e-013	27.32
	116	2.84e-014	-0.47	-3.55e-015	-1.37	-1.14e-013	19.06
658	114	-2.84e-014	0.46	3.55e-015	-1.06	-1.14e-013	25.69
	115	2.84e-014	-0.46	-3.55e-015	1.06	-1.14e-013	19.99
659	46	-2.84e-014	0.56	3.55e-015	-10.95	-2.84e-013	32.73
	114	2.84e-014	-0.56	-3.55e-015	10.95	-1.71e-013	23.29
660	113	1953.42	134.00	-129.64	-3349.50	2200.05	-12441.45
	48	-1953.42	-134.00	129.64	3349.50	10115.73	25171.85
661	112	1393.29	50.32	-31.09	865.85	453.65	-4764.58
	113	-1393.29	-50.32	31.09	-865.85	2499.63	9545.08
662	111	1284.97	36.49	18.55	1696.63	-3076.08	215.98
	112	-1284.97	-36.49	-18.55	-1696.63	1314.25	3250.78
663	5	1428.29	56.97	-22.98	656.70	2736.59	7219.81
	111	-1428.29	-56.97	22.98	-656.70	-553.38	-1807.62
664	110	12.79	-14.59	2.85	-328.33	-131.64	145.92
	47	-12.79	14.59	-2.85	328.33	-138.66	-1531.66
665	109	66.01	-4.14	1.55	-153.26	-175.84	-385.96
	110	-66.01	4.14	-1.55	153.26	28.48	-6.96
666	108	143.81	-1.27	-0.67	66.80	-59.11	-680.39
	109	-143.81	1.27	0.67	-66.80	122.69	559.43
667	4	305.29	-6.82	-32.00	216.16	1002.45	-1491.56
	108	-305.29	6.82	32.00	-216.16	2037.86	843.30
668	107	-7.82	-7.92	11.43	-45.07	-494.99	223.17
	46	7.82	7.92	-11.43	45.07	-590.85	-975.19
669	106	11.72	-2.53	10.17	-59.83	-524.16	-105.95
	107	-11.72	2.53	-10.17	59.83	-441.63	-134.24
670	105	41.95	-2.95	7.43	-53.23	-263.17	-520.37
	106	-41.95	2.95	-7.43	53.23	-442.35	239.65
671	3	105.14	-11.99	36.23	-40.50	-2038.45	-1754.77
	105	-105.14	11.99	-36.23	40.50	-1402.96	615.83
672	104	501.56	-2.08	33.64	-30.53	-593.18	33.78
	41	-501.56	2.08	-33.64	30.53	-2602.34	-231.40
673	103	293.18	-1.23	8.11	5.40	-142.08	-117.74
	104	-293.18	1.23	-8.11	-5.40	-628.09	0.61
674	102	204.64	-1.59	-2.33	-5.11	468.62	-307.62
	103	-204.64	1.59	2.33	5.11	-247.71	156.89
675	1	158.49	-4.63	30.25	-100.07	-2031.39	-789.30
	102	-158.49	4.63	-30.25	100.07	-842.34	349.47
676	54	1.73e-014	-0.16	-2.78e-017	-3.27	-2.84e-014	21.02
	57	-1.73e-014	0.16	2.78e-017	3.27	-1.42e-014	-148.46
677	50	-3.20e-014	5.10	1.39e-017	-163.32	0.00	1016.02
	54	3.20e-014	-5.10	-1.39e-017	163.32	0.00	1762.08

678	47	-3.02e-014	-5.02	0.00	19.42	0.00	-1893.58
	50	3.02e-014	5.02	0.00	-19.42	0.00	-1167.26
679	53	-1.42e-014	-1.48	0.00	-63.19	-7.11e-015	-550.92
	58	1.42e-014	1.48	0.00	63.19	-1.07e-014	-637.54
680	49	-7.82e-014	1.92	5.55e-017	146.68	-1.78e-014	610.02
	53	7.82e-014	-1.92	-5.55e-017	-146.68	-2.13e-014	433.66
681	46	2.13e-014	-3.12	0.00	-22.48	0.00	-1258.47
	49	-2.13e-014	3.12	0.00	22.48	0.00	-643.49
682	42	2.84e-014	-4.45	6.94e-017	79.87	0.00	-1368.98
	52	-2.84e-014	4.45	-6.94e-017	-79.87	-7.11e-015	-1066.64
683	41	-5.68e-014	2.41	0.00	-239.62	0.00	457.18
	42	5.68e-014	-2.41	0.00	239.62	0.00	1010.63
684	53	7.11e-015	6.16	-4.44e-016	64.99	5.68e-014	1164.01
	52	-7.11e-015	-6.16	4.44e-016	-64.99	-2.84e-014	1285.30
685	54	0.00	15.63	-3.33e-016	-269.11	1.42e-013	3281.17
	53	0.00	-15.63	3.33e-016	269.11	1.21e-013	1408.98
686	55	7.11e-015	-24.42	2.22e-016	-4025.43	-2.84e-014	-6020.82
	54	-7.11e-015	24.42	-2.22e-016	4025.43	5.68e-014	-5943.39
687	57	-5.68e-014	-1.48	6.66e-016	408.52	2.84e-014	90.20
	58	5.68e-014	1.48	-6.66e-016	-408.52	-1.35e-013	-529.31
688	56	2.84e-014	-10.89	-2.22e-016	1981.82	5.68e-014	-2423.94
	57	-2.84e-014	10.89	2.22e-016	-1981.82	2.84e-014	-2668.84
689	55	-7.11e-015	11.06	1.39e-017	-67.01	2.13e-014	10058.22
	56	7.11e-015	-11.06	-1.39e-017	67.01	7.11e-015	-1232.31
690	51	-8.53e-014	1068.98	1.94e-016	-287.30	-7.82e-014	107707.71
	55	8.53e-014	857.00	-1.94e-016	287.30	-7.82e-014	-49384.83
691	48	4.26e-014	1000.69	0.00	1326.27	0.00	74796.59
	51	-4.26e-014	1134.31	0.00	-1326.27	-2.84e-014	-115548.37
692	34	1173.12	27.61	0.75	13.58	-113.34	3135.54
	77	-1173.12	-27.61	-0.75	-13.58	-149.85	6528.05
693	31	648.28	-2.73	-1.48	13.58	142.76	-391.43
	74	-648.28	2.73	1.48	-13.58	375.39	-562.62
694	28	423.22	-3.86	0.49	13.58	-83.81	-549.03
	71	-423.22	3.86	-0.49	-13.58	-89.28	-801.79
695	25	578.43	-1.35	1.31	13.58	-177.58	-288.70
	68	-578.43	1.35	-1.31	-13.58	-281.58	-183.82
696	22	620.56	-2.97	0.45	13.58	-79.02	-514.43
	65	-620.56	2.97	-0.45	-13.58	-79.45	-526.29
697	19	676.94	-1.06	0.93	13.58	-133.29	-330.71
	62	-676.94	1.06	-0.93	-13.58	-190.76	-40.23
698	16	600.65	-1.40	-0.35	13.58	12.56	-409.64
	59	-600.65	1.40	0.35	-13.58	108.37	-81.63
699	35	1479.26	-14.07	0.42	13.58	-110.14	-1645.66
	78	-1479.26	14.07	-0.42	-13.58	-36.82	-3277.84
700	32	94.06	-2.88	-0.69	13.58	17.64	-408.58
	75	-94.06	2.88	0.69	-13.58	225.25	-597.78
701	29	30.43	-0.38	0.82	13.58	-155.73	-149.76
	72	-30.43	0.38	-0.82	-13.58	-130.31	17.09
702	26	12.72	-1.31	1.07	13.58	-185.01	-283.83
	69	-12.72	1.31	-1.07	-13.58	-190.37	-173.82
703	23	95.97	-1.97	0.78	13.58	-151.25	-399.67

	66	-95.97	1.97	-0.78	-13.58	-121.13	-290.93
704	20	38.39	-1.82	1.90	13.58	-280.40	-417.67
	63	-38.39	1.82	-1.90	-13.58	-386.00	-218.58
705	17	612.55	-4.42	2.84	13.58	-387.78	-755.91
	60	-612.55	4.42	-2.84	-13.58	-606.24	-791.82
706	36	1866.64	26.77	-2.60	13.58	211.88	3038.65
	79	-1866.64	-26.77	2.60	-13.58	699.26	6329.35
707	33	75.30	-0.93	-0.53	13.58	-25.64	-185.62
	76	-75.30	0.93	0.53	-13.58	212.14	-140.51
708	30	517.48	0.98	2.82	13.58	-410.63	6.08
	73	-517.48	-0.98	-2.82	-13.58	-577.45	336.71
709	27	627.63	-2.43	0.79	13.58	-177.90	-412.81
	70	-627.63	2.43	-0.79	-13.58	-100.13	-438.36
710	24	594.96	-0.53	1.91	13.58	-306.38	-233.63
	67	-594.96	0.53	-1.91	-13.58	-363.64	49.60
711	21	694.01	-1.18	-4.68e-002	13.58	-81.40	-344.12
	64	-694.01	1.18	4.68e-002	-13.58	97.78	-67.73
712	18	511.32	-2.14	3.61	13.58	-500.46	-494.02
	61	-511.32	2.14	-3.61	-13.58	-761.69	-254.70
713	39	2841.87	11.34	0.48	13.58	-193.02	1268.70
	82	-2841.87	-11.34	-0.48	-13.58	25.75	2699.31
714	38	18.07	-1.50	-0.37	13.58	-96.26	-250.99
	81	-18.07	1.50	0.37	-13.58	224.19	-274.59
715	37	1039.98	-2.01	-0.45	13.58	-86.79	-337.15
	80	-1039.98	2.01	0.45	-13.58	243.61	-367.23
716	45	2730.44	-17.53	-2.45	13.58	84.06	-2043.28
	88	-2730.44	17.53	2.45	-13.58	773.32	-4093.31
717	44	56.59	-1.02	-4.29	13.58	295.13	-195.64
	87	-56.59	1.02	4.29	-13.58	1206.22	-161.06
718	43	871.50	-1.40	-1.05	13.58	-76.61	-266.69
	86	-871.50	1.40	1.05	-13.58	443.80	-222.72
719	40	694.76	-0.23	1.64	13.58	-384.76	-169.68
	83	-694.76	0.23	-1.64	-13.58	-188.18	88.31
720	48	2716.19	90.78	-13.00	35.66	3228.06	18594.69
	91	-2716.19	-90.78	13.00	-35.66	1323.68	13178.25
721	47	-11.08	9.16	-3.22	57.13	398.22	1891.67
	90	11.08	-9.16	3.22	-57.13	729.30	1312.86
722	46	-29.83	3.59	-2.74	57.13	169.89	1074.16
	89	29.83	-3.59	2.74	-57.13	788.09	183.16
723	41	982.76	5.24	2.24	35.66	-738.19	954.76
	84	-982.76	-5.24	-2.24	-35.66	-46.34	878.90
724	51	2395.11	-26.93	5.97	35.66	-1169.25	-3596.41
	94	-2395.11	26.93	-5.97	-35.66	-920.45	-5830.24
725	50	-0.62	6.35	-1.25	57.13	-110.92	1193.00
	93	0.62	-6.35	1.25	-57.13	549.27	1029.80
726	49	39.22	7.06	0.16	57.13	-340.66	1149.31
	92	-39.22	-7.06	-0.16	-57.13	283.56	1320.09
727	42	933.74	2.25	0.75	35.66	-340.07	432.38
	85	-933.74	-2.25	-0.75	-35.66	76.11	356.65
728	55	3402.38	28.22	-7.57	114.12	587.16	-9219.80
	98	-3402.38	-28.22	7.57	-114.12	2062.85	19097.02

729	54	120.07	8.26	-6.30	57.13	620.30	1063.70
	97	-120.07	-8.26	6.30	-57.13	1584.40	1826.96
730	53	332.15	6.09	11.88	57.13	-2217.45	1120.77
	96	-332.15	-6.09	-11.88	-57.13	-1940.63	1009.63
731	52	687.50	-0.30	6.34	35.66	-1225.22	50.80
	95	-687.50	0.30	-6.34	-35.66	-994.55	-156.70
732	56	2002.06	-136.70	-4.49	35.66	363.45	-11742.91
	99	-2002.06	136.70	4.49	-35.66	1208.56	-36102.93
733	57	469.11	-0.70	-1.75	57.13	-171.27	1217.13
	100	-469.11	0.70	1.75	-57.13	785.29	-1462.57
734	58	-25.69	2.07	4.26	35.66	-881.06	581.21
	101	25.69	-2.07	-4.26	-35.66	-611.17	143.29
735	15	-22.73	-4.83	-6.25	-32.58	1026.35	-1021.54
	58	22.73	4.83	6.25	32.58	1348.61	-814.49
736	14	478.69	-1.99	-12.15	-49.66	1883.07	-979.62
	57	-478.69	1.99	12.15	49.66	2732.58	222.74
737	13	1980.11	31.16	-8.95	-32.58	1362.26	3300.49
	56	-1980.11	-31.16	8.95	32.58	2038.82	8540.36
738	9	685.78	-5.41	-0.42	-32.58	138.53	-1012.75
	52	-685.78	5.41	0.42	32.58	20.23	-1044.37
739	10	319.28	-8.61	6.49e-002	-49.66	123.11	-1706.51
	53	-319.28	8.61	-6.49e-002	49.66	-147.78	-1565.00
740	11	154.87	-14.48	-8.02	-49.66	1124.34	-2526.52
	54	-154.87	14.48	8.02	49.66	1922.63	-2976.06
741	12	4246.02	-104.78	-26.46	-65.09	3596.94	-13808.13
	55	-4246.02	104.78	26.46	65.09	6458.98	-26006.42
742	2	926.89	-4.42	1.55e-002	-32.58	-26.46	-889.31
	42	-926.89	4.42	-1.55e-002	32.58	20.58	-790.73
743	6	44.25	-6.27	-0.57	-32.58	46.99	-1200.02
	49	-44.25	6.27	0.57	32.58	171.50	-1182.78
744	7	9.49	-7.14	-1.05	-32.58	106.44	-1369.10
	50	-9.49	7.14	1.05	32.58	293.66	-1344.24
745	8	4598.39	-19.07	2.61	-32.58	-349.24	-2955.63
	51	-4598.39	19.07	-2.61	32.58	-642.65	-4289.60

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	2.14e-002	2.30e-002	-1.56e-002	19.03	-14.49	6.91
	472	1.54e-002	-6.80e-002	-0.17	11.21	2.10	22.59
	473	-0.22	-8.30e-002	-0.11	58.39	-18.96	13.41
	382	-0.21	7.97e-003	4.46e-002	22.86	8.67	-2.27
105	378	2.74e-003	-1.89e-002	2.02e-002	5.59	-2.81	4.68
	467	3.79e-003	-2.72e-003	1.20e-002	1.70	-2.16	7.42
	472	1.98e-002	-1.69e-003	-2.04e-002	4.90	5.22e-002	10.82
	381	1.87e-002	-1.79e-002	-1.22e-002	11.39	-3.37	8.08
106	377	6.54e-005	-1.14e-002	-5.47e-003	1.62	-1.02	3.05
	466	3.23e-004	-7.47e-003	-4.27e-003	0.40	-1.32	3.87
	467	3.50e-003	-7.26e-003	9.10e-003	0.26	0.18	5.55
	378	3.24e-003	-1.12e-002	7.91e-003	4.44	-2.11	4.73
107	374	3.01e-004	-4.74e-003	-1.51e-003	0.43	-0.39	2.70
	465	1.73e-004	-6.72e-003	5.11e-004	0.10	-0.53	2.93
	466	3.73e-004	-6.70e-003	-3.02e-003	-8.41e-002	-0.20	3.43
	377	5.01e-004	-4.73e-003	-5.04e-003	1.36	-0.92	3.20
108	373	-1.37e-004	-1.56e-003	-3.83e-003	0.10	-0.15	2.66
	464	-1.83e-004	-2.27e-003	-1.64e-003	2.71e-002	-0.19	2.72

	465	4.65e-004	-2.23e-003	-3.27e-004	-4.01e-002	-0.19	2.84
	374	5.11e-004	-1.52e-003	-2.52e-003	0.36	-0.36	2.77
109	370	-1.47e-004	1.82e-003	-3.28e-003	2.11e-002	-5.70e-002	2.67
	459	-9.18e-005	2.67e-003	-8.94e-004	6.77e-003	-6.87e-002	2.68
	464	1.39e-004	2.69e-003	-1.33e-003	-1.18e-002	-0.10	2.70
	373	8.35e-005	1.84e-003	-3.72e-003	8.26e-002	-0.14	2.69
110	369	-2.22e-004	5.05e-003	-3.49e-003	2.91e-003	-2.07e-002	2.68
	458	-5.55e-005	7.61e-003	-1.12e-003	1.50e-003	-2.30e-002	2.68
	459	2.30e-004	7.63e-003	-9.77e-004	-2.83e-003	-4.85e-002	2.68
	370	6.39e-005	5.07e-003	-3.34e-003	1.46e-002	-4.99e-002	2.68
111	366	-2.70e-004	8.35e-003	-3.42e-003	7.75e-004	-6.03e-003	2.68
	457	2.84e-006	1.25e-002	-1.05e-003	1.60e-004	-5.30e-003	2.68
	458	2.66e-004	1.26e-002	-1.10e-003	-4.73e-004	-2.00e-002	2.68
	369	-6.69e-006	8.36e-003	-3.47e-003	9.57e-004	-1.73e-002	2.68
112	365	-3.22e-004	1.16e-002	-3.44e-003	2.99e-003	2.24e-003	2.68
	456	5.79e-005	1.75e-002	-1.07e-003	-2.74e-004	5.51e-003	2.68
	457	3.24e-004	1.75e-002	-1.05e-003	1.00e-004	-6.30e-003	2.68
	366	-5.60e-005	1.16e-002	-3.43e-003	1.51e-004	-4.15e-003	2.68
113	303	-3.80e-004	1.49e-002	-3.43e-003	8.13e-003	1.35e-002	2.68
	453	1.06e-004	2.24e-002	-1.07e-003	-7.99e-004	2.18e-002	2.67
	456	3.79e-004	2.24e-002	-1.08e-003	2.55e-004	2.82e-003	2.68
	365	-1.07e-004	1.49e-002	-3.44e-003	2.60e-003	4.33e-003	2.68
114	300	-4.03e-004	1.81e-002	-3.47e-003	1.80e-002	4.00e-002	2.66
	452	1.93e-004	2.73e-002	-1.06e-003	-2.94e-003	6.12e-002	2.66
	453	4.27e-004	2.73e-002	-1.02e-003	-3.74e-005	1.62e-002	2.67
	303	-1.69e-004	1.82e-002	-3.43e-003	7.23e-003	1.86e-002	2.67
115	299	-5.80e-004	2.15e-002	-3.34e-003	3.98e-002	0.10	2.61
	451	1.19e-004	3.23e-002	-1.07e-003	-1.50e-002	0.17	2.61
	452	5.18e-004	3.23e-002	-1.25e-003	-3.14e-003	4.62e-002	2.65
	300	-1.81e-004	2.16e-002	-3.52e-003	1.57e-002	5.89e-002	2.65
116	296	2.30e-004	2.43e-002	-4.18e-003	0.14	0.22	2.47
	450	1.09e-003	3.75e-002	-1.65e-003	-6.01e-002	0.49	2.46
	451	4.57e-004	3.75e-002	-6.73e-004	-1.84e-002	0.10	2.60
	299	-4.05e-004	2.42e-002	-3.19e-003	4.14e-002	0.19	2.61
117	295	-5.26e-004	2.78e-002	-2.78e-003	0.89	0.49	2.03
	449	4.51e-004	4.28e-002	1.23e-003	0.25	1.62	1.78
	450	1.44e-003	4.29e-002	-1.90e-003	-1.93e-003	0.10	2.32
	296	4.64e-004	2.79e-002	-5.91e-003	0.24	0.53	2.57
118	245	-1.70e-002	3.01e-002	-5.43e-003	-2.91	3.01	2.61
	255	-1.62e-002	4.13e-002	6.84e-003	15.91	3.46	-0.26
	449	4.20e-004	4.24e-002	1.21e-002	1.30	-1.07	-0.90
	295	-3.08e-004	3.11e-002	-1.23e-004	1.86	-0.91	1.96
119	290	-5.24e-002	1.09e-002	-7.35e-003	17.18	-7.60	-1.10
	381	-5.19e-002	1.83e-002	-4.45e-003	17.68	-14.71	4.71
	382	-0.19	9.13e-003	2.52e-002	49.76	13.02	8.28e-002
	293	-0.19	1.78e-003	2.23e-002	6.86	9.56	-5.72
120	289	2.87e-003	-1.35e-002	-1.43e-002	6.42	-3.48	-0.27
	378	2.52e-003	-1.89e-002	1.23e-002	6.71	-3.65	4.42
	381	-5.46e-002	-2.26e-002	-1.06e-003	16.03	-2.87	3.64
	290	-5.42e-002	-1.72e-002	-2.76e-002	12.43	-2.20	-1.05
121	286	5.69e-004	-9.91e-003	-6.63e-003	1.87	-1.15	1.58
	377	4.72e-004	-1.14e-002	-5.04e-003	1.96	-1.17	3.04
	378	3.02e-003	-1.12e-002	-1.41e-005	4.43	-2.29	2.80
	289	3.12e-003	-9.74e-003	-1.61e-003	4.01	-2.01	1.34
122	285	2.83e-004	-2.65e-003	-4.75e-003	0.51	-0.40	2.29
	374	1.47e-004	-4.75e-003	-3.04e-003	0.52	-0.41	2.71
	377	9.07e-004	-4.70e-003	-4.61e-003	1.19	-0.98	2.57

	286	1.04e-003	-2.60e-003	-6.32e-003	1.13	-0.82	2.16
123	265	-1.31e-004	-9.37e-004	-4.96e-003	0.13	-0.13	2.55
	373	-1.72e-004	-1.57e-003	-4.61e-003	0.13	-0.15	2.66
	374	3.56e-004	-1.53e-003	-4.05e-003	0.32	-0.37	2.59
	285	3.97e-004	-9.03e-004	-4.41e-003	0.28	-0.29	2.48
124	264	-9.23e-005	9.32e-004	-4.80e-003	3.01e-002	-4.43e-002	2.64
	370	-3.41e-005	1.83e-003	-4.31e-003	2.57e-002	-5.46e-002	2.67
	373	4.91e-005	1.83e-003	-4.50e-003	8.06e-002	-0.13	2.64
	265	-9.15e-006	9.37e-004	-4.98e-003	5.83e-002	-0.10	2.61
125	263	-1.69e-004	2.52e-003	-4.84e-003	6.00e-003	-1.42e-002	2.67
	369	-2.95e-006	5.07e-003	-4.44e-003	3.26e-003	-1.94e-002	2.68
	370	1.77e-004	5.08e-003	-4.38e-003	1.86e-002	-4.63e-002	2.67
	264	1.15e-005	2.53e-003	-4.78e-003	7.77e-003	-3.51e-002	2.66
126	262	-2.16e-004	4.17e-003	-4.83e-003	1.79e-003	-3.76e-003	2.68
	366	5.66e-005	8.37e-003	-4.40e-003	-8.09e-005	-5.75e-003	2.68
	369	2.12e-004	8.38e-003	-4.42e-003	3.93e-003	-1.55e-002	2.68
	263	-6.06e-005	4.18e-003	-4.84e-003	-9.12e-004	-1.17e-002	2.68
127	261	-2.67e-004	5.80e-003	-4.82e-003	3.30e-003	1.33e-003	2.68
	365	1.13e-004	1.16e-002	-4.39e-003	8.86e-004	1.49e-003	2.68
	366	2.70e-004	1.17e-002	-4.41e-003	1.90e-003	-3.59e-003	2.68
	262	-1.10e-004	5.81e-003	-4.83e-003	-5.38e-004	-3.18e-003	2.68
128	260	-3.38e-004	7.45e-003	-4.86e-003	8.18e-003	8.13e-003	2.68
	303	1.49e-004	1.49e-002	-4.46e-003	3.01e-003	1.09e-002	2.68
	365	3.28e-004	1.50e-002	-4.39e-003	3.93e-003	3.87e-003	2.68
	261	-1.59e-004	7.46e-003	-4.80e-003	1.70e-003	1.44e-003	2.68
129	259	-3.15e-004	9.05e-003	-4.73e-003	1.64e-002	2.61e-002	2.66
	300	2.79e-004	1.82e-002	-4.27e-003	5.37e-003	3.31e-002	2.66
	303	3.61e-004	1.82e-002	-4.45e-003	8.92e-003	1.66e-002	2.67
	260	-2.33e-004	9.06e-003	-4.92e-003	4.48e-003	8.16e-003	2.68
130	258	-4.53e-004	1.07e-002	-5.11e-003	1.74e-002	8.22e-002	2.63
	299	2.52e-004	2.16e-002	-4.86e-003	8.23e-003	8.60e-002	2.63
	300	5.00e-004	2.16e-002	-4.32e-003	1.78e-002	5.41e-002	2.65
	259	-2.05e-004	1.08e-002	-4.57e-003	4.14e-003	2.41e-002	2.65
131	257	-3.47e-004	1.19e-002	-4.04e-003	-7.61e-002	0.27	2.57
	296	4.60e-004	2.43e-002	-3.22e-003	4.14e-002	0.17	2.59
	299	4.27e-004	2.43e-002	-4.72e-003	3.51e-002	0.18	2.60
	258	-3.80e-004	1.19e-002	-5.54e-003	-2.43e-002	5.84e-002	2.58
132	256	-9.26e-003	1.48e-002	-4.56e-003	-0.44	0.78	2.60
	295	-8.45e-003	2.73e-002	-8.44e-003	0.17	0.22	2.67
	296	6.93e-004	2.79e-002	-4.95e-003	0.12	0.60	2.53
	257	-1.21e-004	1.54e-002	-1.08e-003	-0.20	0.17	2.47
133	235	-1.50e-002	2.15e-002	7.32e-003	-9.63	-2.00	2.07
	245	-1.44e-002	3.02e-002	2.97e-003	9.15	2.78	2.11
	295	-8.23e-003	3.06e-002	-5.78e-003	0.45	-1.15	2.21
	256	-8.80e-003	2.19e-002	-1.44e-003	-0.79	2.20	2.17
134	471	6.94e-003	4.51e-004	0.10	2.91	-0.48	-6.97
	290	7.88e-003	1.48e-002	9.66e-003	13.45	-8.13	-3.52
	293	-0.22	3.39e-005	6.19e-003	35.10	10.51	-5.00
	200	-0.22	-1.43e-002	0.10	-6.20	1.56	-8.45
135	470	6.25e-003	4.06e-004	-8.54e-003	1.57	-0.84	-2.53
	289	5.36e-003	-1.34e-002	-2.52e-002	4.86	-2.43	-0.57
	290	6.05e-003	-1.33e-002	-1.06e-002	10.00	-2.46	-4.11
	471	6.94e-003	4.51e-004	6.01e-003	2.85	0.22	-6.07
136	229	3.47e-004	2.25e-005	-5.84e-003	0.59	-0.28	0.86
	286	-3.02e-004	-9.96e-003	-5.42e-003	1.43	-0.87	1.60
	289	5.60e-003	-9.58e-003	-1.25e-002	4.38	-1.77	-0.21
	470	6.25e-003	4.06e-004	-1.29e-002	2.03e-003	-0.15	-0.96

137	469	2.11e-004	1.37e-005	-7.15e-003	0.18	-8.60e-002	2.09
	285	3.69e-005	-2.67e-003	-6.07e-003	0.38	-0.30	2.31
	286	1.73e-004	-2.66e-003	-5.11e-003	1.43	-0.68	1.65
	229	3.47e-004	2.25e-005	-6.19e-003	-0.17	-8.87e-002	1.43
138	468	-4.12e-006	-2.68e-007	-5.51e-003	5.45e-002	-2.65e-002	2.49
	265	-6.47e-005	-9.33e-004	-5.36e-003	9.31e-002	-0.10	2.56
	285	1.50e-004	-9.19e-004	-5.73e-003	0.42	-0.23	2.33
	469	2.11e-004	1.37e-005	-5.87e-003	-8.02e-002	-3.60e-002	2.27
139	228	-4.96e-005	-3.22e-006	-5.76e-003	1.56e-002	-8.12e-003	2.63
	264	1.16e-005	9.38e-004	-5.46e-003	1.95e-002	-3.44e-002	2.64
	265	5.71e-005	9.41e-004	-5.38e-003	0.12	-7.82e-002	2.57
	468	-4.12e-006	-2.68e-007	-5.68e-003	-3.11e-002	-1.36e-002	2.55
140	463	-1.12e-004	-7.31e-006	-5.68e-003	4.38e-003	-2.40e-003	2.67
	263	5.26e-005	2.53e-003	-5.42e-003	2.83e-003	-1.11e-002	2.67
	264	1.15e-004	2.54e-003	-5.44e-003	3.02e-002	-2.60e-002	2.65
	228	-4.96e-005	-3.22e-006	-5.70e-003	-1.15e-002	-4.98e-003	2.64
141	462	-1.63e-004	-1.06e-005	-5.72e-003	1.49e-003	-5.52e-004	2.68
	262	1.10e-004	4.19e-003	-5.44e-003	1.34e-004	-3.04e-003	2.68
	263	1.61e-004	4.19e-003	-5.43e-003	7.52e-003	-8.43e-003	2.67
	463	-1.12e-004	-7.31e-006	-5.70e-003	-4.14e-003	-1.79e-003	2.67
142	227	-2.13e-004	-1.39e-005	-5.67e-003	1.45e-003	3.04e-004	2.68
	261	1.66e-004	5.83e-003	-5.40e-003	4.96e-004	6.66e-004	2.68
	262	2.16e-004	5.83e-003	-5.45e-003	2.55e-003	-2.17e-003	2.68
	462	-1.63e-004	-1.06e-005	-5.72e-003	-1.44e-003	-5.68e-004	2.68
143	461	-2.80e-004	-1.82e-005	-5.78e-003	3.55e-003	1.44e-003	2.68
	260	2.07e-004	7.48e-003	-5.52e-003	8.02e-004	5.39e-003	2.68
	261	2.74e-004	7.49e-003	-5.38e-003	2.94e-003	1.17e-003	2.68
	227	-2.13e-004	-1.39e-005	-5.65e-003	-5.93e-004	6.80e-005	2.68
144	460	-2.87e-004	-1.87e-005	-5.46e-003	1.03e-002	4.43e-003	2.66
	259	3.05e-004	9.09e-003	-5.17e-003	-3.13e-003	1.84e-002	2.66
	260	3.12e-004	9.09e-003	-5.57e-003	5.76e-003	6.01e-003	2.68
	461	-2.80e-004	-1.82e-005	-5.86e-003	-1.02e-003	9.72e-004	2.68
145	226	-4.47e-004	-2.91e-005	-6.31e-003	3.08e-002	1.35e-002	2.60
	258	2.55e-004	1.08e-002	-6.15e-003	-3.01e-002	6.29e-002	2.61
	259	4.15e-004	1.08e-002	-5.01e-003	8.69e-003	1.66e-002	2.65
	460	-2.87e-004	-1.87e-005	-5.17e-003	-4.31e-003	3.51e-003	2.65
146	455	7.99e-005	5.19e-006	-3.40e-003	6.96e-002	3.78e-002	2.41
	257	8.56e-004	1.19e-002	-2.97e-003	-0.18	0.22	2.43
	258	3.28e-004	1.19e-002	-6.58e-003	-9.04e-003	3.57e-002	2.59
	226	-4.47e-004	-2.91e-005	-7.01e-003	-2.08e-002	1.45e-002	2.57
147	454	4.10e-003	2.67e-004	-1.42e-002	-4.34e-002	2.85e-002	1.69
	256	5.11e-003	1.57e-002	-1.10e-002	-1.29	0.58	1.99
	257	1.08e-003	1.54e-002	-6.65e-006	-0.22	0.18	2.50
	455	7.99e-005	5.19e-006	-3.21e-003	-0.15	0.10	2.20
148	197	-2.06e-002	-1.34e-003	-1.52e-002	-16.45	-2.49	-0.49
	235	-1.91e-002	2.13e-002	1.98e-002	2.50	-2.23	2.52
	256	5.57e-003	2.29e-002	-7.86e-003	-2.09	1.94	1.97
	454	4.10e-003	2.67e-004	-4.28e-002	-1.54	1.78	-1.04
149	244	8.99e-004	1.52e-002	1.12e-003	1.89	-0.32	0.77
	254	1.44e-003	2.35e-002	3.00e-004	1.22	-0.78	3.61
	255	-1.75e-002	2.23e-002	-5.91e-003	16.49	5.29	3.39
	245	-1.80e-002	1.40e-002	-5.09e-003	-3.31	3.87	0.56
150	243	-4.13e-004	1.23e-002	-6.32e-004	0.28	0.74	-0.10
	253	2.72e-004	2.28e-002	-3.68e-004	-4.06e-002	0.24	0.12
	254	1.40e-003	2.29e-002	2.01e-003	0.17	2.28	0.81
	244	7.10e-004	1.23e-002	1.74e-003	0.95	0.90	0.59
151	242	-3.93e-005	1.45e-002	-1.81e-004	6.35e-002	0.26	-0.24

	252	4.46e-004	2.19e-002	3.91e-005	-2.56e-002	0.15	-0.23
	253	2.15e-004	2.19e-002	-2.03e-004	-7.66e-002	0.71	-3.36e-002
	243	-2.71e-004	1.45e-002	-4.23e-004	0.19	0.37	-4.42e-002
152	241	-2.71e-004	1.50e-002	-6.67e-004	2.47e-002	8.18e-002	-0.31
	251	2.27e-004	2.27e-002	-3.42e-004	-4.37e-003	6.32e-002	-0.31
	252	4.95e-004	2.27e-002	-2.49e-004	-1.88e-002	0.25	-0.25
	242	-2.70e-006	1.50e-002	-5.75e-004	6.64e-002	0.15	-0.25
153	240	-2.82e-004	1.58e-002	-6.98e-004	5.97e-003	2.91e-002	-0.34
	250	2.31e-004	2.37e-002	-1.95e-004	4.20e-004	2.16e-002	-0.34
	251	2.94e-004	2.37e-002	-2.05e-004	-4.64e-003	9.03e-002	-0.32
	241	-2.20e-004	1.58e-002	-7.09e-004	2.80e-002	5.69e-002	-0.32
154	239	-2.97e-004	1.64e-002	-7.19e-004	-1.67e-002	1.58e-002	-0.35
	249	2.41e-004	2.47e-002	-2.28e-004	2.54e-003	8.65e-004	-0.34
	250	2.99e-004	2.47e-002	-2.12e-004	-2.54e-003	3.72e-002	-0.34
	240	-2.39e-004	1.64e-002	-7.03e-004	6.23e-003	2.19e-002	-0.35
155	238	-3.52e-004	1.72e-002	-6.46e-004	-7.20e-002	1.64e-002	-0.32
	248	2.07e-004	2.58e-002	-1.89e-004	4.72e-003	-2.89e-002	-0.31
	249	3.08e-004	2.58e-002	-2.63e-004	-5.10e-003	2.47e-002	-0.34
	239	-2.51e-004	1.72e-002	-7.21e-004	-1.93e-002	1.27e-002	-0.35
156	237	-3.36e-004	1.78e-002	-7.97e-004	-0.22	7.10e-003	-0.23
	247	2.50e-004	2.68e-002	-3.77e-004	-1.03e-002	-0.11	-0.19
	248	2.74e-004	2.68e-002	-1.16e-004	-1.82e-002	2.87e-002	-0.28
	238	-3.12e-004	1.78e-002	-5.36e-004	-8.05e-002	1.95e-002	-0.32
157	236	-3.40e-004	1.88e-002	2.27e-004	-0.45	-0.11	-2.11e-002
	246	2.17e-004	2.74e-002	6.32e-004	-0.15	-0.25	6.06e-002
	247	2.91e-004	2.74e-002	-4.91e-004	-6.53e-002	-2.43e-002	-0.11
	237	-2.67e-004	1.88e-002	-8.97e-004	-0.24	4.71e-002	-0.19
158	433	3.03e-003	2.04e-002	-2.27e-003	-1.30	-0.81	-6.25e-002
	443	3.41e-003	2.62e-002	8.47e-004	-0.35	6.95e-003	0.17
	246	1.24e-004	2.60e-002	2.99e-003	-0.26	-0.60	0.24
	236	-2.50e-004	2.02e-002	-1.22e-004	-0.61	3.33e-002	7.47e-003
159	234	2.78e-003	2.29e-003	3.40e-003	-0.77	2.55	0.57
	244	3.64e-003	1.54e-002	-3.06e-003	0.50	-0.64	0.53
	245	-1.55e-002	1.42e-002	3.31e-003	9.50	3.50	0.95
	235	-1.63e-002	1.04e-003	9.77e-003	-9.90	-1.61	0.99
160	233	-9.64e-005	3.57e-003	4.35e-004	-0.19	0.27	-1.64e-002
	243	4.73e-004	1.23e-002	2.31e-004	0.17	0.78	-7.83e-002
	244	3.45e-003	1.25e-002	-2.44e-003	0.12	0.55	-5.63e-002
	234	2.88e-003	3.76e-003	-2.23e-003	-0.32	0.98	5.59e-003
161	232	-1.42e-004	6.93e-003	-1.75e-003	-1.25e-002	8.67e-002	-0.22
	242	3.50e-004	1.45e-002	-7.73e-004	6.24e-002	0.24	-0.23
	243	6.15e-004	1.45e-002	4.41e-004	2.82e-002	0.29	-0.17
	233	1.23e-004	6.95e-003	-5.34e-004	1.96e-003	0.35	-0.16
162	231	-3.03e-004	7.45e-003	-8.25e-004	1.04e-002	3.31e-002	-0.32
	241	1.91e-004	1.50e-002	-7.45e-004	2.92e-002	7.47e-002	-0.31
	242	3.86e-004	1.51e-002	-1.17e-003	1.22e-002	0.12	-0.27
	232	-1.07e-004	7.46e-003	-1.25e-003	4.86e-002	0.11	-0.28
163	230	-2.68e-004	7.89e-003	-1.06e-003	3.47e-003	1.38e-002	-0.35
	240	2.48e-004	1.58e-002	-9.41e-004	9.73e-003	2.67e-002	-0.35
	241	2.42e-004	1.58e-002	-7.86e-004	7.18e-003	4.64e-002	-0.33
	231	-2.74e-004	7.89e-003	-9.02e-004	2.70e-002	3.67e-002	-0.33
164	477	-2.78e-004	8.21e-003	-9.55e-004	-1.43e-002	1.17e-002	-0.36
	239	2.59e-004	1.65e-002	-8.75e-004	-9.89e-003	1.69e-002	-0.36
	240	2.91e-004	1.65e-002	-9.46e-004	-3.02e-003	1.83e-002	-0.35
	230	-2.47e-004	8.21e-003	-1.03e-003	5.62e-003	1.53e-002	-0.36
165	476	-3.07e-004	8.58e-003	-1.02e-003	-6.50e-002	2.43e-002	-0.37
	238	2.53e-004	1.72e-002	-9.49e-004	-5.28e-002	2.42e-002	-0.35

	239	3.06e-004	1.72e-002	-8.78e-004	-2.73e-002	1.31e-002	-0.35
	477	-2.54e-004	8.58e-003	-9.50e-004	-2.17e-002	1.46e-002	-0.37
166	475	-3.60e-004	8.91e-003	-9.61e-004	-0.23	5.76e-002	-0.37
	237	2.18e-004	1.78e-002	-6.70e-004	-0.19	2.94e-002	-0.30
	238	2.92e-004	1.78e-002	-8.39e-004	-0.10	2.88e-002	-0.33
	476	-2.85e-004	8.91e-003	-1.13e-003	-9.31e-002	3.03e-002	-0.39
167	474	-1.86e-003	9.82e-003	-1.01e-003	-0.72	2.04e-002	-0.34
	236	-1.28e-003	1.88e-002	-1.13e-003	-0.63	-0.11	-0.13
	237	2.87e-004	1.89e-002	-7.70e-004	-0.31	0.10	-0.22
	475	-2.94e-004	9.92e-003	-6.56e-004	-0.32	9.06e-002	-0.43
168	423	1.29e-003	1.11e-002	2.48e-004	-1.87	-1.25	-0.23
	433	1.89e-003	2.04e-002	-7.65e-004	-0.69	-0.90	2.56e-003
	236	-1.19e-003	2.02e-002	-1.47e-003	-0.76	6.85e-002	-6.97e-002
	474	-1.79e-003	1.09e-002	-4.61e-004	-0.86	0.43	-0.30
169	448	-2.63e-003	-1.71e-004	-2.13e-002	-1.58	1.77	3.72
	234	-2.49e-003	1.94e-003	-1.87e-003	-1.95	2.17	0.76
	235	-2.05e-002	7.77e-004	2.22e-002	2.75	-1.90	0.51
	197	-2.06e-002	-1.34e-003	2.80e-003	-16.64	-2.40	3.47
170	225	1.17e-004	7.58e-006	2.98e-004	-0.16	0.10	0.23
	233	3.50e-004	3.59e-003	9.98e-004	-0.19	0.25	-4.01e-002
	234	-2.40e-003	3.42e-003	-7.51e-003	-1.28	0.73	0.61
	448	-2.63e-003	-1.71e-004	-8.21e-003	6.00e-002	7.39e-002	0.88
171	447	-1.01e-004	-6.59e-006	-2.42e-003	-2.30e-002	1.73e-002	-0.21
	232	3.51e-004	6.96e-003	-2.19e-003	7.78e-003	5.57e-002	-0.23
	233	5.69e-004	6.98e-003	2.91e-005	-0.19	0.28	-2.34e-002
	225	1.17e-004	7.58e-006	-2.10e-004	0.11	5.30e-002	7.30e-004
172	224	-2.61e-004	-1.69e-005	-8.55e-004	-4.19e-003	4.47e-003	-0.32
	231	2.27e-004	7.48e-003	-8.52e-004	1.53e-002	2.31e-002	-0.32
	232	3.86e-004	7.49e-003	-1.68e-003	-2.90e-002	8.29e-002	-0.26
	447	-1.01e-004	-6.59e-006	-1.69e-003	4.40e-002	1.88e-002	-0.26
173	446	-2.57e-004	-1.67e-005	-1.29e-003	1.31e-004	1.54e-003	-0.36
	230	2.59e-004	7.93e-003	-1.22e-003	3.43e-003	1.04e-002	-0.35
	231	2.56e-004	7.93e-003	-9.30e-004	-2.29e-003	2.55e-002	-0.33
	224	-2.61e-004	-1.69e-005	-9.96e-004	1.43e-002	6.44e-003	-0.34
174	223	-2.73e-004	-1.77e-005	-1.10e-003	2.10e-003	1.15e-003	-0.38
	477	2.64e-004	8.25e-003	-1.04e-003	-1.60e-002	9.84e-003	-0.37
	230	2.80e-004	8.25e-003	-1.19e-003	-3.48e-003	1.05e-002	-0.36
	446	-2.57e-004	-1.67e-005	-1.25e-003	2.63e-003	2.97e-003	-0.36
175	445	-3.21e-004	-2.09e-005	-1.27e-003	3.77e-003	2.03e-003	-0.41
	476	2.40e-004	8.61e-003	-1.23e-003	-6.48e-002	2.30e-002	-0.40
	477	2.88e-004	8.61e-003	-1.04e-003	-2.00e-002	1.05e-002	-0.37
	223	-2.73e-004	-1.77e-005	-1.07e-003	-6.10e-003	3.66e-003	-0.38
176	222	-3.08e-004	-2.00e-005	-9.21e-004	-1.10e-002	1.68e-003	-0.49
	475	2.75e-004	8.95e-003	-8.47e-004	-0.21	6.23e-002	-0.46
	476	2.62e-004	8.95e-003	-1.34e-003	-7.63e-002	2.11e-002	-0.39
	445	-3.21e-004	-2.09e-005	-1.41e-003	-2.42e-002	1.04e-002	-0.43
177	444	1.65e-004	1.07e-005	-2.82e-003	-0.19	-3.30e-002	-0.68
	474	8.14e-004	9.99e-003	-2.37e-003	-0.57	6.46e-002	-0.55
	475	3.41e-004	9.96e-003	-5.42e-004	-0.27	6.58e-002	-0.44
	222	-3.08e-004	-2.00e-005	-9.91e-004	-7.74e-002	3.84e-002	-0.56
178	193	-1.88e-004	-1.22e-005	-1.85e-003	-2.53	-0.55	-0.73
	423	5.28e-004	1.10e-002	2.49e-003	-1.04	-1.19	-8.71e-002
	474	8.81e-004	1.10e-002	-1.82e-003	-0.95	0.49	-0.43
	444	1.65e-004	1.07e-005	-6.17e-003	-0.34	0.27	-1.07
229	432	-1.53e-003	1.69e-002	3.34e-003	-0.52	0.31	-0.47
	442	-4.81e-004	3.31e-002	8.32e-003	-0.30	-0.48	-0.66
	443	3.88e-003	3.34e-002	4.48e-003	-3.66e-002	0.72	-0.45

	433	2.82e-003	1.72e-002	-4.95e-004	-1.49	-0.43	-0.26
230	431	-2.44e-004	1.64e-002	1.79e-003	-0.18	0.12	-0.37
	441	3.14e-004	2.50e-002	3.74e-004	-5.84e-002	4.47e-002	-0.44
	442	-1.01e-003	2.49e-002	2.25e-003	-0.10	5.24e-002	-0.53
	432	-1.57e-003	1.63e-002	3.67e-003	-0.39	5.98e-002	-0.46
231	430	-5.03e-005	1.37e-002	2.88e-003	-5.45e-002	3.27e-002	-0.30
	440	3.89e-004	2.04e-002	9.00e-004	-9.39e-003	4.86e-002	-0.32
	441	1.73e-005	2.04e-002	3.28e-004	-4.63e-003	-7.45e-003	-0.38
	431	-4.22e-004	1.37e-002	2.31e-003	-0.15	6.28e-002	-0.35
232	429	-6.73e-005	1.08e-002	2.56e-003	-1.37e-002	8.30e-003	-0.28
	439	2.85e-004	1.63e-002	6.53e-004	-8.10e-004	1.77e-002	-0.29
	440	1.16e-004	1.62e-002	8.34e-004	4.91e-003	2.57e-003	-0.31
	430	-2.37e-004	1.08e-002	2.74e-003	-4.03e-002	2.89e-002	-0.30
233	428	-1.41e-005	8.02e-003	2.65e-003	-5.54e-003	1.39e-003	-0.28
	438	2.48e-004	1.20e-002	7.76e-004	5.50e-004	1.74e-003	-0.28
	439	1.04e-005	1.20e-002	7.07e-004	2.13e-003	4.04e-003	-0.29
	429	-2.51e-004	8.00e-003	2.59e-003	-9.36e-003	9.84e-003	-0.29
234	427	3.16e-005	5.20e-003	2.60e-003	-1.08e-002	-3.37e-003	-0.28
	437	2.01e-004	7.81e-003	7.22e-004	1.85e-003	-1.22e-002	-0.27
	438	-2.84e-005	7.80e-003	7.67e-004	1.06e-003	2.82e-003	-0.28
	428	-1.98e-004	5.19e-003	2.65e-003	-4.59e-003	1.01e-003	-0.28
235	426	4.39e-005	2.38e-003	2.67e-003	-3.48e-002	-1.63e-002	-0.25
	436	1.22e-004	3.59e-003	7.86e-004	4.73e-003	-4.53e-002	-0.25
	437	-7.41e-005	3.57e-003	7.12e-004	1.43e-003	1.69e-003	-0.27
	427	-1.53e-004	2.37e-003	2.60e-003	-1.13e-002	-6.33e-003	-0.27
236	425	8.33e-005	-4.14e-004	2.56e-003	-0.11	-6.80e-002	-0.19
	435	6.79e-005	-6.52e-004	5.93e-004	5.83e-003	-0.14	-0.18
	436	-1.54e-004	-6.66e-004	7.75e-004	1.55e-003	-5.67e-003	-0.24
	426	-1.39e-004	-4.28e-004	2.75e-003	-3.59e-002	-2.04e-002	-0.25
237	424	4.22e-004	-3.13e-003	3.18e-003	-0.25	-0.28	-4.18e-002
	434	2.93e-004	-5.12e-003	1.29e-003	-1.73e-002	-0.40	-8.14e-003
	435	-2.25e-004	-5.15e-003	6.56e-004	-5.43e-003	-7.09e-002	-0.13
	425	-9.56e-005	-3.17e-003	2.54e-003	-0.10	-5.69e-002	-0.17
238	403	4.31e-004	-5.45e-003	1.66e-003	-0.54	-1.01	0.21
	413	1.14e-004	-1.03e-002	7.77e-004	0.15	-0.94	0.23
	434	-4.57e-005	-1.03e-002	2.07e-003	-2.32e-002	-0.46	6.42e-002
	424	2.71e-004	-5.46e-003	2.95e-003	-0.20	-0.25	4.02e-002
239	422	2.02e-003	7.26e-003	4.61e-003	-0.74	0.65	-0.15
	432	2.66e-003	1.72e-002	3.45e-003	-0.64	0.34	-0.41
	433	1.68e-003	1.71e-002	1.01e-003	-0.54	-0.59	-0.36
	423	1.04e-003	7.20e-003	2.17e-003	-1.99	-1.07	-0.10
240	421	-1.25e-004	7.68e-003	3.74e-003	-0.26	0.10	-0.18
	431	4.44e-004	1.64e-002	2.70e-003	-0.24	0.15	-0.35
	432	2.62e-003	1.66e-002	3.77e-003	-0.55	3.69e-002	-0.37
	422	2.05e-003	7.83e-003	4.81e-003	-0.58	0.11	-0.21
241	420	-1.64e-004	6.93e-003	3.63e-003	-6.58e-002	1.98e-002	-0.25
	430	2.77e-004	1.37e-002	3.55e-003	-6.29e-002	3.42e-002	-0.29
	431	2.66e-004	1.37e-002	3.21e-003	-0.14	7.45e-002	-0.29
	421	-1.74e-004	6.93e-003	3.30e-003	-0.14	8.98e-002	-0.25
242	419	-1.23e-004	5.39e-003	3.55e-003	-1.51e-002	5.58e-003	-0.27
	429	2.32e-004	1.09e-002	3.31e-003	-1.47e-002	7.83e-003	-0.28
	430	9.01e-005	1.08e-002	3.41e-003	-3.19e-002	3.28e-002	-0.28
	420	-2.65e-004	5.38e-003	3.66e-003	-2.99e-002	3.16e-002	-0.27
243	418	-6.01e-005	4.01e-003	3.59e-003	-5.42e-003	1.57e-003	-0.28
	428	2.01e-004	8.03e-003	3.37e-003	-3.86e-003	1.76e-003	-0.28
	429	4.83e-005	8.02e-003	3.33e-003	-7.61e-003	1.06e-002	-0.28
	419	-2.13e-004	4.00e-003	3.56e-003	-5.81e-003	9.21e-003	-0.28

244	417	-1.33e-005	2.60e-003	3.57e-003	-9.80e-003	-2.56e-004	-0.28
	427	1.57e-004	5.21e-003	3.33e-003	-4.55e-003	-1.03e-003	-0.28
	428	1.72e-005	5.20e-003	3.36e-003	-4.98e-003	1.17e-003	-0.28
	418	-1.53e-004	2.59e-003	3.60e-003	-3.27e-003	2.01e-003	-0.28
245	416	4.00e-005	1.20e-003	3.63e-003	-3.25e-002	-3.17e-003	-0.27
	426	1.17e-004	2.38e-003	3.40e-003	-1.53e-002	-8.33e-003	-0.27
	427	-2.76e-005	2.38e-003	3.33e-003	-1.31e-002	-5.66e-003	-0.28
	417	-1.05e-004	1.19e-003	3.56e-003	-1.01e-002	-1.64e-003	-0.28
246	415	4.06e-005	-2.26e-004	3.41e-003	-0.11	-1.79e-002	-0.24
	425	2.82e-005	-4.17e-004	3.26e-003	-5.26e-002	-4.47e-002	-0.22
	426	-6.55e-005	-4.23e-004	3.47e-003	-4.21e-002	-1.69e-002	-0.25
	416	-5.31e-005	-2.33e-004	3.63e-003	-3.57e-002	-8.31e-003	-0.28
247	414	-3.43e-004	-1.31e-003	3.99e-003	-0.37	-0.12	-0.14
	424	-4.65e-004	-3.19e-003	3.92e-003	-0.16	-0.23	-6.60e-002
	425	-1.51e-004	-3.17e-003	3.23e-003	-0.13	-3.60e-002	-0.18
	415	-2.88e-005	-1.29e-003	3.30e-003	-0.12	-1.98e-002	-0.25
248	393	1.61e-003	-2.02e-003	2.63e-003	-0.89	-0.90	0.22
	403	1.39e-003	-5.39e-003	2.02e-003	-7.40e-002	-0.94	0.30
	424	-6.16e-004	-5.52e-003	3.70e-003	-0.28	-0.19	2.36e-002
	414	-3.97e-004	-2.15e-003	4.32e-003	-0.28	4.82e-002	-5.45e-002
249	383	-3.81e-004	-2.47e-005	-8.66e-004	-0.35	0.25	0.54
	422	8.49e-005	7.14e-003	3.36e-003	-0.80	0.64	-5.95e-002
	423	2.77e-004	7.15e-003	4.41e-003	-0.95	-1.03	-0.26
	193	-1.88e-004	-1.22e-005	1.84e-004	-2.56	-0.48	0.34
250	221	-4.39e-004	-2.85e-005	4.15e-003	-6.52e-002	2.92e-002	-8.47e-002
	421	6.33e-005	7.70e-003	4.65e-003	-0.21	7.04e-002	-0.17
	422	1.21e-004	7.70e-003	3.57e-003	-0.50	0.12	-9.34e-003
	383	-3.81e-004	-2.47e-005	3.06e-003	-9.15e-002	-1.68e-003	7.60e-002
251	380	-1.99e-004	-1.29e-005	4.19e-003	-1.85e-002	6.66e-003	-0.23
	420	2.55e-004	6.96e-003	3.97e-003	-5.15e-002	1.21e-002	-0.25
	421	1.44e-005	6.94e-003	4.21e-003	-0.17	7.91e-002	-0.18
	221	-4.39e-004	-2.85e-005	4.43e-003	1.94e-002	1.10e-002	-0.16
252	220	-1.44e-004	-9.39e-006	4.39e-003	-4.80e-003	1.50e-003	-0.27
	419	2.08e-004	5.41e-003	4.03e-003	-1.14e-002	3.69e-003	-0.27
	420	1.54e-004	5.41e-003	4.00e-003	-4.67e-002	2.60e-002	-0.25
	380	-1.99e-004	-1.29e-005	4.35e-003	1.36e-002	4.72e-003	-0.25
253	379	-1.07e-004	-6.97e-006	4.33e-003	-1.38e-003	2.99e-004	-0.28
	418	1.55e-004	4.02e-003	4.04e-003	-3.60e-003	1.32e-003	-0.28
	419	1.18e-004	4.02e-003	4.04e-003	-1.24e-002	7.13e-003	-0.28
	220	-1.44e-004	-9.39e-006	4.33e-003	4.79e-003	1.52e-003	-0.27
254	219	-6.62e-005	-4.30e-006	4.32e-003	-1.17e-003	-1.79e-004	-0.28
	417	1.03e-004	2.60e-003	4.03e-003	-5.80e-003	5.31e-004	-0.28
	418	6.22e-005	2.60e-003	4.04e-003	-5.30e-003	1.43e-003	-0.28
	379	-1.07e-004	-6.97e-006	4.34e-003	9.99e-004	4.94e-004	-0.28
255	376	-1.43e-005	-9.31e-007	4.37e-003	-4.33e-003	-1.04e-003	-0.29
	416	6.38e-005	1.20e-003	4.06e-003	-1.80e-002	4.29e-004	-0.28
	417	1.20e-005	1.20e-003	4.02e-003	-9.84e-003	-1.58e-003	-0.28
	219	-6.62e-005	-4.30e-006	4.33e-003	-1.28e-003	3.21e-004	-0.28
256	218	-1.65e-005	-1.07e-006	4.24e-003	-2.32e-002	-5.16e-003	-0.28
	415	-3.14e-005	-2.31e-004	3.96e-003	-5.36e-002	-3.08e-003	-0.27
	416	-2.93e-005	-2.31e-004	4.05e-003	-3.23e-002	-7.82e-003	-0.28
	376	-1.43e-005	-9.31e-007	4.34e-003	-5.32e-003	8.81e-004	-0.29
257	375	-1.82e-004	-1.18e-005	4.19e-003	-0.13	-2.89e-002	-0.25
	414	-2.67e-004	-1.31e-003	3.88e-003	-0.12	-5.94e-002	-0.21
	415	-1.01e-004	-1.30e-003	3.85e-003	-0.11	-2.07e-002	-0.25
	218	-1.65e-005	-1.07e-006	4.16e-003	-1.52e-002	3.86e-003	-0.29
258	190	3.77e-003	2.45e-004	3.19e-003	-1.25	-0.28	3.34e-002

	393	3.63e-003	-1.89e-003	3.38e-003	-0.34	-0.76	0.31
	414	-3.21e-004	-2.15e-003	4.21e-003	-0.38	0.12	-8.33e-002
	375	-1.82e-004	-1.18e-005	4.02e-003	-0.12	8.25e-002	-0.36
259	402	4.49e-004	-6.60e-003	-1.83e-003	-0.33	-0.90	1.00
	412	1.31e-004	-1.15e-002	-1.43e-003	3.23e-002	-0.78	0.98
	413	3.69e-005	-1.15e-002	-2.84e-004	-0.41	-2.74	0.43
	403	3.56e-004	-6.61e-003	-6.81e-004	-0.17	-1.89	0.45
260	401	-1.04e-004	-5.37e-003	-1.88e-003	-0.16	-0.28	1.48
	411	-3.03e-004	-8.43e-003	-4.48e-004	-2.33e-003	-0.25	1.45
	412	3.33e-004	-8.39e-003	-8.96e-004	1.24e-002	-1.06	1.16
	402	5.32e-004	-5.33e-003	-2.33e-003	-0.37	-0.68	1.19
261	400	-2.24e-005	-3.60e-003	-1.94e-003	-6.53e-002	-9.06e-002	1.65
	410	-1.46e-004	-5.50e-003	-5.82e-004	-3.25e-003	-7.13e-002	1.63
	411	-1.12e-004	-5.50e-003	-4.24e-004	1.55e-002	-0.38	1.51
	401	1.12e-005	-3.60e-003	-1.78e-003	-0.18	-0.22	1.53
262	399	-4.37e-005	-1.88e-003	-1.77e-003	-1.77e-002	-2.10e-002	1.70
	409	-1.03e-004	-2.80e-003	-5.04e-004	-2.20e-003	-5.63e-003	1.69
	410	3.05e-005	-2.79e-003	-6.27e-004	7.29e-003	-0.13	1.65
	400	9.03e-005	-1.87e-003	-1.89e-003	-6.89e-002	-6.71e-002	1.66
263	398	-6.57e-005	-6.70e-005	-1.94e-003	1.16e-002	2.15e-002	1.71
	408	-6.85e-005	-1.09e-004	-6.68e-004	-2.74e-003	4.49e-002	1.70
	409	7.18e-005	-9.99e-005	-4.86e-004	2.90e-003	-3.39e-002	1.70
	399	7.45e-005	-5.79e-005	-1.75e-003	-1.89e-002	-9.04e-003	1.70
264	397	-1.37e-004	1.70e-003	-1.55e-003	4.44e-002	9.00e-002	1.67
	407	-7.88e-005	2.59e-003	-2.72e-004	-6.69e-003	0.14	1.66
	408	1.07e-004	2.60e-003	-7.00e-004	9.84e-005	2.10e-002	1.70
	398	4.96e-005	1.71e-003	-1.98e-003	9.32e-003	3.52e-002	1.70
265	396	-3.35e-005	3.59e-003	-2.51e-003	0.10	0.26	1.56
	406	7.43e-005	5.25e-003	-1.32e-003	-2.69e-002	0.40	1.55
	407	9.44e-005	5.25e-003	-2.17e-004	-7.58e-003	0.10	1.65
	397	-1.34e-005	3.59e-003	-1.40e-003	3.73e-002	0.13	1.65
266	395	1.31e-003	5.28e-003	-2.50e-004	0.26	0.67	1.24
	405	1.48e-003	7.83e-003	1.76e-003	-0.12	1.16	1.23
	406	2.37e-004	7.75e-003	-1.21e-003	-4.27e-002	0.27	1.52
	396	7.08e-005	5.20e-003	-3.22e-003	8.61e-002	0.41	1.53
267	394	-5.94e-003	5.17e-003	-1.01e-002	1.14	1.67	0.25
	404	-5.47e-003	1.25e-002	-6.55e-003	2.57e-002	3.66	3.29e-002
	405	1.82e-003	1.30e-002	2.85e-003	-0.11	0.50	1.05
	395	1.34e-003	5.64e-003	-7.46e-004	0.31	1.21	1.27
268	353	-1.39e-002	-4.35e-003	2.28e-002	-4.48	5.68	-0.81
	363	-1.17e-002	2.94e-002	-7.38e-003	18.73	9.43	-3.85
	404	-4.34e-003	2.99e-002	-3.09e-002	1.07	-0.57	-3.18
	394	-6.53e-003	-3.87e-003	-7.83e-004	2.06	0.83	-0.14
269	392	3.63e-004	-3.55e-003	-2.65e-003	-0.32	-0.36	1.11
	402	1.64e-004	-6.62e-003	-2.75e-003	-0.40	-0.75	1.05
	403	1.31e-003	-6.54e-003	-3.30e-004	-0.35	-1.66	0.47
	393	1.51e-003	-3.48e-003	-2.35e-004	-0.67	-1.27	0.52
270	391	1.90e-005	-2.61e-003	-1.96e-003	-0.15	-0.12	1.58
	401	-1.61e-004	-5.38e-003	-2.21e-003	-0.20	-0.24	1.50
	402	2.47e-004	-5.35e-003	-3.25e-003	-0.15	-0.55	1.25
	392	4.26e-004	-2.59e-003	-3.00e-003	-0.50	-0.35	1.34
271	390	2.24e-005	-1.81e-003	-2.69e-003	-5.57e-002	-3.51e-002	1.69
	400	-9.46e-005	-3.61e-003	-2.50e-003	-8.07e-002	-7.85e-002	1.66
	401	-4.53e-005	-3.60e-003	-2.10e-003	-7.45e-002	-0.17	1.58
	391	7.17e-005	-1.80e-003	-2.29e-003	-0.19	-0.11	1.61
272	389	-1.55e-005	-9.27e-004	-2.46e-003	-1.42e-002	-4.67e-003	1.72
	399	-7.74e-005	-1.88e-003	-2.26e-003	-2.78e-002	-1.89e-002	1.71

	400	1.81e-005	-1.87e-003	-2.45e-003	-2.98e-002	-4.95e-002		1.68
	390	8.00e-005	-9.20e-004	-2.65e-003	-6.79e-002	-3.50e-002		1.70
273	388	-4.08e-005	-3.82e-005	-2.68e-003	1.31e-002	1.56e-002		1.72
	398	-4.26e-005	-6.55e-005	-2.46e-003	-3.58e-003	1.65e-002		1.71
	399	4.08e-005	-6.01e-005	-2.25e-003	-3.64e-003	-4.39e-003		1.71
	389	4.25e-005	-3.27e-005	-2.47e-003	-1.94e-002	-5.90e-003		1.72
274	387	-6.71e-005	8.70e-004	-2.24e-003	4.56e-002	5.78e-002		1.69
	397	-1.30e-005	1.70e-003	-2.01e-003	9.09e-003	7.31e-002		1.68
	398	7.27e-005	1.71e-003	-2.51e-003	1.78e-002	3.27e-002		1.71
	388	1.86e-005	8.75e-004	-2.73e-003	4.02e-003	1.45e-002		1.71
275	386	-2.11e-004	1.70e-003	-3.47e-003	8.70e-002	0.18		1.59
	396	-8.87e-005	3.59e-003	-3.27e-003	7.13e-003	0.21		1.59
	397	1.10e-004	3.60e-003	-1.86e-003	4.58e-002	0.12		1.66
	387	-1.23e-005	1.71e-003	-2.05e-003	1.51e-002	5.39e-002		1.66
276	385	-9.66e-005	2.70e-003	2.51e-004	5.79e-002	0.56		1.36
	395	6.55e-005	5.20e-003	2.30e-005	-3.47e-002	0.53		1.38
	396	1.57e-005	5.19e-003	-3.98e-003	8.81e-002	0.39		1.53
	386	-1.46e-004	2.70e-003	-3.75e-003	-2.02e-002	0.16		1.50
277	384	1.15e-003	3.37e-003	-7.50e-003	-0.31	1.47		0.86
	394	1.30e-003	5.64e-003	-1.05e-002	-0.17	1.12		0.99
	395	8.90e-005	5.56e-003	-4.73e-004	0.19	1.24		1.24
	385	-5.85e-005	3.29e-003	2.53e-003	-0.29	0.51		1.11
278	343	-1.08e-002	6.22e-003	2.45e-002	-11.43	-1.33		-1.06
	353	-1.15e-002	-4.20e-003	2.21e-002	10.45	4.87		-0.96
	394	7.14e-004	-3.40e-003	-1.14e-003	0.50	0.34		0.13
	384	1.39e-003	7.01e-003	1.26e-003	-1.11	3.54	2.51e-002	
279	372	-7.02e-004	-4.56e-005	-6.32e-003	-7.92e-002	4.33e-002		1.44
	392	-9.35e-004	-3.64e-003	-3.00e-003	-0.47	-0.14		1.14
	393	3.54e-003	-3.35e-003	5.15e-004	-0.53	-1.05		0.47
	190	3.77e-003	2.45e-004	-2.80e-003	-1.11	-0.35		0.77
280	217	2.39e-005	1.55e-006	-2.63e-003	-5.39e-003	-7.13e-003		1.62
	391	-1.47e-004	-2.62e-003	-2.25e-003	-0.15	-0.10		1.58
	392	-8.72e-004	-2.67e-003	-3.35e-003	-0.11	-0.21		1.41
	372	-7.02e-004	-4.56e-005	-3.73e-003	-0.20	-6.81e-002		1.45
281	371	5.08e-005	3.30e-006	-3.17e-003	-3.05e-003	-2.19e-003		1.70
	390	-6.71e-005	-1.81e-003	-3.02e-003	-5.64e-002	-2.73e-002		1.69
	391	-9.41e-005	-1.81e-003	-2.58e-003	-6.04e-002	-6.73e-002		1.64
	217	2.39e-005	1.55e-006	-2.73e-003	-5.35e-002	-2.11e-002		1.66
282	216	1.28e-005	8.29e-007	-2.93e-003	5.05e-004	5.87e-004		1.73
	389	-4.76e-005	-9.29e-004	-2.77e-003	-1.93e-002	-4.21e-003		1.72
	390	-9.58e-006	-9.26e-004	-2.98e-003	-2.54e-002	-2.06e-002		1.71
	371	5.08e-005	3.30e-006	-3.14e-003	-1.75e-002	-6.97e-003		1.72
283	368	-2.47e-005	-1.60e-006	-3.16e-003	7.38e-003	3.30e-003		1.73
	388	-2.70e-005	-3.73e-005	-3.00e-003	-4.48e-003	1.00e-002		1.72
	389	1.04e-005	-3.48e-005	-2.78e-003	-5.16e-003	-2.49e-003		1.73
	216	1.28e-005	8.29e-007	-2.94e-003	-5.78e-003	-1.81e-003		1.73
284	215	-1.42e-005	-9.24e-007	-2.71e-003	2.49e-002	1.02e-002		1.69
	387	4.28e-005	8.77e-004	-2.57e-003	-5.45e-003	3.97e-002		1.69
	388	3.24e-005	8.76e-004	-3.05e-003	1.03e-002	1.13e-002		1.72
	368	-2.47e-005	-1.60e-006	-3.19e-003	-3.16e-003	1.29e-003		1.72
285	367	-2.33e-005	-1.51e-006	-3.90e-003	7.29e-002	3.06e-002		1.56
	386	8.86e-005	1.72e-003	-3.66e-003	-5.06e-002	0.13		1.56
	387	9.77e-005	1.72e-003	-2.39e-003	2.56e-002	3.84e-002		1.67
	215	-1.42e-005	-9.24e-007	-2.64e-003	-8.65e-003	7.25e-003		1.66
286	214	-2.28e-004	-1.48e-005	-7.83e-004	0.18	8.50e-002		1.14
	385	-5.15e-005	2.71e-003	-5.02e-004	-0.29	0.43		1.18
	386	1.53e-004	2.72e-003	-3.95e-003	1.63e-002	0.11		1.51

	367	-2.33e-005	-1.51e-006	-4.23e-003	-3.90e-002	2.89e-002	1.48
287	364	8.53e-003	5.55e-004	-8.66e-003	0.16	0.14	-0.19
	384	8.75e-003	3.86e-003	-7.49e-003	-1.65	1.08	0.14
	385	-1.34e-005	3.29e-003	1.77e-003	-0.23	0.42	1.12
	214	-2.28e-004	-1.48e-005	6.05e-004	-0.22	0.15	0.80
288	187	-1.39e-002	-9.05e-004	-3.64e-003	-18.81	-2.62	-3.80
	343	-1.35e-002	6.05e-003	3.37e-002	2.80	-1.85	-0.45
	384	8.99e-003	7.51e-003	1.27e-003	-2.27	2.94	-0.25
	364	8.53e-003	5.55e-004	-3.61e-002	-1.90	2.06	-3.60
329	352	1.21e-002	-6.91e-003	-1.99e-003	1.10	-2.02	-1.19
	362	9.50e-003	-4.75e-002	-4.42e-002	1.67	-1.08	1.26
	363	-1.68e-002	-4.92e-002	-2.06e-002	14.68	-1.77	-0.31
	353	-1.42e-002	-8.62e-003	2.16e-002	-2.27	-0.13	-2.77
330	351	-4.28e-004	-1.73e-002	1.81e-004	-2.69e-004	0.16	-0.96
	361	-9.77e-004	-2.58e-002	1.84e-003	-4.36e-002	-8.54e-002	-0.95
	362	1.10e-002	-2.50e-002	-7.29e-003	0.11	-4.29e-004	-0.91
	352	1.15e-002	-1.65e-002	-8.94e-003	-0.15	-0.31	-0.92
331	350	-1.25e-004	-1.30e-002	-4.94e-003	-2.03e-002	4.39e-002	-0.91
	360	-5.23e-004	-1.91e-002	-1.54e-003	-1.35e-002	4.60e-003	-0.92
	361	-5.43e-004	-1.91e-002	1.80e-003	3.38e-003	3.57e-003	-0.93
	351	-1.45e-004	-1.30e-002	-1.60e-003	-8.43e-002	-3.03e-002	-0.92
332	349	3.83e-005	-8.99e-003	-3.18e-003	-7.85e-003	9.21e-003	-0.90
	359	-2.42e-004	-1.33e-002	-6.30e-004	-2.31e-003	5.11e-003	-0.90
	360	-1.48e-004	-1.33e-002	-1.80e-003	3.00e-003	1.18e-003	-0.91
	350	1.33e-004	-8.99e-003	-4.35e-003	-2.80e-002	2.87e-003	-0.91
333	348	-9.64e-005	-4.80e-003	-3.82e-003	-4.42e-003	1.82e-004	-0.90
	358	-2.57e-004	-7.26e-003	-1.17e-003	2.35e-004	-2.35e-003	-0.90
	359	1.53e-004	-7.24e-003	-7.14e-004	1.51e-003	1.34e-003	-0.90
	349	3.13e-004	-4.77e-003	-3.36e-003	-7.48e-003	2.42e-003	-0.90
334	347	-1.62e-004	-7.58e-004	-3.56e-003	-9.48e-003	-6.27e-003	-0.89
	357	-1.85e-004	-1.12e-003	-9.10e-004	1.83e-003	-1.59e-002	-0.89
	358	1.44e-004	-1.10e-003	-1.12e-003	1.46e-003	9.58e-004	-0.90
	348	1.67e-004	-7.37e-004	-3.77e-003	-4.06e-003	-1.90e-003	-0.90
335	346	-1.79e-004	3.35e-003	-3.74e-003	-3.03e-002	-2.46e-002	-0.87
	356	-7.15e-005	4.99e-003	-1.11e-003	5.51e-003	-5.51e-002	-0.86
	357	2.13e-004	5.01e-003	-9.33e-004	3.47e-003	-2.30e-004	-0.88
	347	1.06e-004	3.36e-003	-3.56e-003	-9.46e-003	-1.01e-002	-0.89
336	345	-9.90e-005	7.35e-003	-3.52e-003	-9.42e-002	-9.21e-002	-0.80
	355	1.46e-004	1.11e-002	-6.85e-004	1.29e-002	-0.18	-0.79
	356	3.27e-004	1.11e-002	-9.99e-004	9.26e-003	-8.17e-003	-0.85
	346	8.25e-005	7.36e-003	-3.84e-003	-2.91e-002	-3.25e-002	-0.86
337	344	-1.15e-003	1.14e-002	-4.46e-003	-0.24	-0.34	-0.62
	354	-7.53e-004	1.74e-002	-1.59e-003	8.31e-003	-0.55	-0.59
	355	5.61e-004	1.75e-002	-7.89e-004	2.21e-002	-6.15e-002	-0.75
	345	1.67e-004	1.14e-002	-3.67e-003	-7.99e-002	-0.10	-0.78
338	323	-3.67e-004	1.47e-002	-1.57e-003	-0.21	-1.13	-0.20
	333	2.53e-004	2.42e-002	-6.09e-004	-0.20	-1.48	-0.16
	354	-3.14e-004	2.42e-002	-2.61e-003	5.05e-002	-0.34	-0.46
	344	-9.35e-004	1.46e-002	-3.57e-003	-0.17	-0.35	-0.51
339	342	-3.94e-003	-1.01e-002	-1.47e-003	-0.79	1.39	-1.19
	352	-3.80e-003	-7.94e-003	-4.95e-003	-8.01e-002	-1.94	-1.32
	353	-1.18e-002	-8.46e-003	2.09e-002	8.42	0.23	-2.20
	343	-1.19e-002	-1.06e-002	2.44e-002	-9.94	-3.31	-2.08
340	341	1.67e-004	-9.80e-003	-1.24e-003	-0.27	-4.31e-002	-0.83
	351	-3.21e-004	-1.73e-002	1.11e-004	-6.06e-002	0.16	-0.94
	352	-4.43e-003	-1.76e-002	-1.19e-002	0.49	-0.24	-1.26
	342	-3.94e-003	-1.01e-002	-1.33e-002	-1.24	0.21	-1.15

341	340	1.89e-004	-7.06e-003	-6.55e-003	-5.87e-002	-1.50e-002		-0.88
	350	-1.94e-004	-1.30e-002	-6.20e-003	-2.76e-002	4.36e-002		-0.91
	351	-3.79e-005	-1.30e-002	-1.67e-003	-2.58e-002	-1.53e-002		-0.95
	341	3.45e-004	-7.05e-003	-2.03e-003		-0.16	8.69e-002	-0.93
342	339	5.98e-005	-4.35e-003	-4.42e-003	-1.31e-002	-2.95e-003		-0.89
	349	-2.43e-004	-9.01e-003	-4.14e-003	-8.18e-003	8.91e-003		-0.90
	350	6.34e-005	-8.99e-003	-5.60e-003	-1.74e-002	6.75e-003		-0.91
	340	3.67e-004	-4.33e-003	-5.89e-003	-2.53e-002	2.49e-002		-0.90
343	338	-2.60e-005	-2.43e-003	-5.09e-003	-5.03e-003	-1.03e-003		-0.90
	348	-1.80e-004	-4.80e-003	-4.82e-003	-2.31e-003	7.73e-004		-0.90
	349	3.11e-005	-4.79e-003	-4.32e-003	-5.52e-003	3.28e-003		-0.90
	339	1.85e-004	-2.42e-003	-4.60e-003	-4.52e-003	6.23e-003		-0.90
344	337	-8.41e-005	-3.72e-004	-4.83e-003	-9.43e-003	-2.74e-003		-0.89
	347	-1.09e-004	-7.55e-004	-4.54e-003	-2.14e-003	-3.56e-003		-0.89
	348	8.37e-005	-7.42e-004	-4.77e-003	-4.11e-003	-1.64e-003		-0.90
	338	1.09e-004	-3.59e-004	-5.06e-003	-2.59e-003	4.13e-004		-0.90
345	336	-1.78e-004	1.65e-003	-5.08e-003	-3.03e-002	-1.01e-002		-0.88
	346	-6.74e-005	3.35e-003	-4.81e-003	-6.64e-003	-1.55e-002		-0.88
	347	1.59e-004	3.37e-003	-4.54e-003	-1.06e-002	-9.56e-003		-0.89
	337	4.81e-005	1.66e-003	-4.81e-003	-7.39e-003	-4.05e-003		-0.89
346	335	-2.89e-004	3.71e-003	-4.48e-003		-0.10	-3.90e-002	-0.84
	345	-5.28e-005	7.35e-003	-4.23e-003	-2.12e-002	-6.40e-002		-0.83
	346	1.94e-004	7.37e-003	-4.91e-003	-3.30e-002	-3.00e-002		-0.87
	336	-4.31e-005	3.73e-003	-5.15e-003	-2.47e-002	-1.55e-002		-0.88
347	334	-6.40e-004	5.68e-003	-5.69e-003		-0.33	-0.17	-0.70
	344	-2.68e-004	1.14e-002	-6.23e-003	-6.20e-002		-0.27	-0.65
	345	2.13e-004	1.14e-002	-4.37e-003		-0.10	-8.44e-002	-0.78
	335	-1.60e-004	5.71e-003	-3.83e-003	-7.89e-002	-4.95e-002		-0.83
348	313	-2.12e-003	7.71e-003	-8.76e-004		-0.50	-0.80	-0.23
	323	-1.67e-003	1.46e-002	-1.07e-003		-0.24	-1.01	-0.17
	344	-5.50e-005	1.47e-002	-5.34e-003		-0.22	-0.27	-0.52
	334	-5.02e-004	7.82e-003	-5.14e-003		-0.18	-8.97e-002	-0.58
349	302	-9.43e-003	-6.13e-004	-2.89e-002		-1.62	1.27	1.85
	342	-1.01e-002	-1.05e-002	-6.09e-005		-1.98	1.55	-1.10
	343	-1.46e-002	-1.08e-002	3.36e-002		1.45	-3.08	-2.43
	187	-1.39e-002	-9.05e-004	4.83e-003		-17.10	-2.43	0.53
350	213	1.39e-003	9.03e-005	-3.04e-003	-5.18e-002	1.26e-002		-0.76
	341	7.50e-004	-9.76e-003	-3.42e-003		-0.24	-8.96e-002	-0.84
	342	-1.01e-002	-1.05e-002	-1.18e-002		-0.52	0.31	-0.65
	302	-9.43e-003	-6.13e-004	-1.15e-002	-6.17e-002	2.59e-002		-0.56
351	301	3.51e-004	2.28e-005	-6.86e-003	-1.07e-002	1.49e-003		-0.86
	340	-1.10e-004	-7.08e-003	-6.88e-003	-4.85e-002	-2.13e-002		-0.88
	341	9.29e-004	-7.01e-003	-4.20e-003		-0.14	9.18e-002	-0.82
	213	1.39e-003	9.03e-005	-4.18e-003	2.68e-002	1.32e-002		-0.81
352	212	4.06e-005	2.64e-006	-5.72e-003	-2.43e-003	2.15e-004		-0.89
	339	-2.43e-004	-4.37e-003	-5.09e-003	-9.67e-003	-4.39e-003		-0.89
	340	6.73e-005	-4.35e-003	-6.21e-003	-3.10e-002	2.40e-002		-0.88
	301	3.51e-004	2.28e-005	-6.84e-003	1.03e-002	4.10e-003		-0.87
353	298	5.41e-005	3.52e-006	-6.15e-003	-1.16e-003	-8.63e-005		-0.90
	338	-1.04e-004	-2.43e-003	-5.71e-003	-2.57e-003	-9.69e-004		-0.90
	339	-1.18e-004	-2.44e-003	-5.26e-003	-7.74e-003	5.54e-003		-0.89
	212	4.06e-005	2.64e-006	-5.70e-003	3.12e-003	1.09e-003		-0.89
354	211	-1.50e-005	-9.77e-007	-5.90e-003	-2.38e-003	-5.73e-004		-0.90
	337	-3.89e-005	-3.69e-004	-5.44e-003	-2.96e-003	-1.37e-003		-0.90
	338	3.03e-005	-3.64e-004	-5.67e-003	-3.80e-003	3.68e-004		-0.90
	298	5.41e-005	3.52e-006	-6.13e-003	7.02e-004	2.36e-004		-0.90
355	297	-1.10e-004	-7.13e-006	-6.16e-003	-8.56e-003	-2.15e-003		-0.89

	336	-1.31e-006	1.66e-003	-5.71e-003	-7.84e-003	-4.87e-003		-0.89
	337	9.33e-005	1.67e-003	-5.43e-003	-7.75e-003	-3.32e-003		-0.89
	211	-1.50e-005	-9.77e-007	-5.88e-003	-4.30e-004	-1.23e-004		-0.90
356	210	-3.13e-005	-2.04e-006	-5.59e-003	-3.42e-002	-8.26e-003		-0.87
	335	2.12e-004	3.74e-003	-5.13e-003	-1.94e-002	-1.95e-002		-0.86
	336	1.34e-004	3.74e-003	-5.78e-003	-2.47e-002	-1.30e-002		-0.88
	297	-1.10e-004	-7.13e-006	-6.24e-003	-1.75e-003	-6.47e-004		-0.89
357	294	1.48e-003	9.61e-005	-7.36e-003	-0.13	-3.25e-002		-0.77
	334	1.85e-003	5.84e-003	-6.29e-003	-2.27e-002	-8.98e-002		-0.75
	335	3.42e-004	5.74e-003	-4.48e-003	-7.69e-002	-4.30e-002		-0.83
	210	-3.13e-005	-2.04e-006	-5.55e-003	-2.18e-003	-2.83e-003		-0.85
358	181	-5.49e-003	-3.57e-004	-5.59e-003	-0.75	-0.21		-0.37
	313	-4.98e-003	7.52e-003	4.89e-004	-0.38	-0.66		-0.18
	334	1.99e-003	7.98e-003	-5.74e-003	-0.27	9.31e-003		-0.59
	294	1.48e-003	9.61e-005	-1.18e-002	-5.92e-002	2.84e-002		-0.78
359	322	-4.48e-004	1.39e-002	3.51e-003	-0.18	-0.35		0.20
	332	2.16e-004	2.41e-002	2.77e-003	-1.01e-002	-0.43		0.19
	333	2.44e-004	2.41e-002	1.13e-003	7.79e-003	-1.08	-1.88e-002	
	323	-4.20e-004	1.39e-002	1.88e-003	-0.32	-0.92	-5.71e-003	
360	321	-1.15e-005	1.16e-002	2.90e-003	-9.18e-002	-0.10		0.41
	331	4.17e-004	1.82e-002	7.94e-004	-7.85e-003	-0.11		0.38
	332	-1.68e-004	1.82e-002	1.67e-003	-1.22e-002	-0.45		0.26
	322	-5.96e-004	1.16e-002	3.78e-003	-0.20	-0.30		0.28
361	320	2.44e-005	8.82e-003	3.14e-003	-3.72e-002	-3.41e-002		0.49
	330	3.17e-004	1.33e-002	9.41e-004	-2.35e-003	-2.69e-002		0.48
	331	9.90e-005	1.33e-002	7.11e-004	4.20e-003	-0.16		0.42
	321	-1.94e-004	8.81e-003	2.91e-003	-0.10	-8.89e-002		0.43
362	319	2.32e-005	5.92e-003	2.89e-003	-1.48e-002	-1.21e-002		0.52
	329	2.15e-004	8.87e-003	8.17e-004	-4.02e-004	-8.89e-003		0.52
	330	2.68e-005	8.86e-003	9.53e-004	3.52e-003	-5.62e-002		0.49
	320	-1.65e-004	5.90e-003	3.03e-003	-3.77e-002	-2.68e-002		0.50
363	318	6.47e-005	2.98e-003	3.05e-003	-9.30e-003	-6.08e-003		0.53
	328	1.61e-004	4.46e-003	9.91e-004	3.55e-004	-7.89e-003		0.53
	329	-7.21e-005	4.45e-003	8.19e-004	1.43e-003	-1.91e-002		0.52
	319	-1.69e-004	2.96e-003	2.88e-003	-1.47e-002	-9.10e-003		0.52
364	317	1.70e-004	4.44e-005	2.69e-003	-1.55e-002	-9.48e-003		0.54
	327	1.70e-004	4.73e-005	6.35e-004	1.08e-003	-1.87e-002		0.54
	328	-1.27e-004	2.80e-005	1.04e-003	1.48e-004	-7.97e-003		0.53
	318	-1.27e-004	2.51e-005	3.09e-003	-9.30e-003	-5.58e-003		0.53
365	316	9.65e-005	-2.94e-003	3.58e-003	-3.87e-002	-3.15e-002		0.57
	326	7.12e-006	-4.32e-003	1.57e-003	1.20e-003	-5.36e-002		0.57
	327	-1.14e-004	-4.33e-003	4.93e-004	-1.70e-003	-1.04e-002		0.55
	317	-2.44e-005	-2.95e-003	2.51e-003	-1.50e-002	-8.88e-003		0.54
366	315	-2.92e-004	-6.12e-003	8.43e-004	-8.24e-002	-0.12		0.62
	325	-4.33e-004	-8.29e-003	-1.60e-003	-6.93e-004	-0.15		0.63
	326	-2.50e-004	-8.28e-003	1.68e-003	-7.54e-003	-4.01e-002		0.59
	316	-1.09e-004	-6.11e-003	4.12e-003	-3.14e-002	-1.69e-002		0.58
367	314	6.24e-003	-8.08e-003	9.20e-003	2.82e-002	-0.42		0.75
	324	5.92e-003	-1.31e-002	7.13e-003	0.16	-0.36		0.68
	325	-7.75e-004	-1.35e-002	-2.47e-003	6.36e-003	-0.18		0.62
	315	-4.48e-004	-8.52e-003	-4.04e-004	-1.09e-002	-6.19e-002		0.69
368	277	-1.24e-002	-8.28e-004	-1.79e-002	-0.99	-0.26		1.97
	283	-1.46e-002	-3.52e-002	1.65e-002	6.89	-1.62		0.64
	324	4.56e-003	-3.40e-002	3.86e-002	0.77	-0.97		-0.39
	314	6.80e-003	4.20e-004	4.19e-003	0.57	-1.48		0.94
369	312	5.54e-004	5.79e-003	5.15e-003	-0.23	-7.88e-002		0.27
	322	1.08e-003	1.40e-002	4.24e-003	-0.24	-0.30		0.23

	323	-1.72e-003	1.38e-002	2.37e-003	-8.70e-002	-0.83	-4.12e-002	
	313	-2.25e-003	5.61e-003	3.28e-003	-0.60	-0.72	1.50e-003	
370	311	-7.37e-005	5.22e-003	3.80e-003	-0.10	-3.97e-002		0.47
	321	3.43e-004	1.16e-002	3.71e-003	-0.12	-7.67e-002		0.42
	322	9.36e-004	1.17e-002	4.50e-003	-0.13	-0.25		0.30
	312	5.20e-004	5.26e-003	4.59e-003	-0.30	-0.14		0.36
371	310	-7.21e-005	4.41e-003	4.13e-003	-3.51e-002	-1.17e-002		0.52
	320	2.15e-004	8.84e-003	3.96e-003	-4.43e-002	-2.80e-002		0.49
	321	1.61e-004	8.83e-003	3.72e-003	-5.12e-002	-6.57e-002		0.46
	311	-1.27e-004	4.41e-003	3.90e-003	-0.10	-3.77e-002		0.48
372	309	-2.93e-005	2.94e-003	4.05e-003	-1.34e-002	-3.23e-003		0.53
	319	1.65e-004	5.93e-003	3.73e-003	-1.65e-002	-1.00e-002		0.52
	320	2.58e-005	5.92e-003	3.84e-003	-1.96e-002	-1.85e-002		0.51
	310	-1.68e-004	2.93e-003	4.16e-003	-3.63e-002	-1.13e-002		0.52
373	308	1.69e-005	1.49e-003	4.19e-003	-8.52e-003	-1.53e-003		0.53
	318	1.13e-004	2.98e-003	3.86e-003	-7.98e-003	-4.54e-003		0.53
	319	-2.72e-005	2.97e-003	3.72e-003	-8.66e-003	-6.08e-003		0.53
	309	-1.24e-004	1.48e-003	4.05e-003	-1.37e-002	-3.53e-003		0.53
374	307	9.87e-005	-4.42e-006	3.87e-003	-1.51e-002	-2.68e-003		0.54
	317	1.02e-004	3.99e-005	3.55e-003	-9.13e-003	-6.39e-003		0.54
	318	-7.84e-005	2.82e-005	3.90e-003	-8.12e-003	-4.05e-003		0.53
	308	-8.13e-005	-1.61e-005	4.22e-003	-8.78e-003	-1.75e-003		0.53
375	306	2.52e-004	-1.41e-003	4.81e-003	-4.51e-002	-6.61e-003		0.55
	316	1.53e-004	-2.94e-003	4.39e-003	-1.78e-002	-2.27e-002		0.56
	317	-9.31e-005	-2.96e-003	3.37e-003	-1.72e-002	-6.70e-003		0.54
	307	6.24e-006	-1.43e-003	3.79e-003	-1.59e-002	-4.39e-003		0.54
376	305	2.63e-004	-3.47e-003	2.03e-003	-0.16	-7.63e-003		0.61
	315	9.26e-005	-6.09e-003	1.96e-003	-1.54e-002	-0.10		0.64
	316	-5.26e-005	-6.10e-003	4.93e-003	-4.21e-002	-1.02e-002		0.57
	306	1.18e-004	-3.48e-003	5.00e-003	-4.72e-002	-2.19e-002		0.55
377	304	-6.76e-003	-5.05e-003	9.87e-003	-0.61	4.89e-003		0.89
	314	-7.01e-003	-8.94e-003	8.31e-003	0.13	-0.37		0.95
	315	-6.32e-005	-8.49e-003	7.08e-004	-7.99e-002	-1.83e-002		0.67
	305	1.90e-004	-4.60e-003	2.28e-003	-0.16	-7.65e-002		0.61
378	271	-1.12e-002	-4.15e-003	-1.48e-002	-4.79	-1.87		1.49
	277	-1.10e-002	-7.37e-004	-1.39e-002	3.92	-7.42e-002		1.56
	314	-6.46e-003	-4.42e-004	3.31e-003	-0.10	-1.40	9.99e-001	
	304	-6.68e-003	-3.86e-003	2.44e-003	-0.48	0.55		0.94
379	292	6.48e-005	4.21e-006	3.33e-003	-7.58e-002	5.60e-002		0.50
	312	4.40e-004	5.78e-003	4.65e-003	-0.31	8.41e-003		0.30
	313	-5.12e-003	5.42e-003	4.64e-003	-0.25	-0.61	-4.84e-002	
	181	-5.49e-003	-3.57e-004	3.32e-003	-0.89	-0.23		0.16
380	209	-8.83e-005	-5.74e-006	4.66e-003	-1.08e-002	1.32e-003		0.51
	311	2.53e-004	5.24e-003	4.46e-003	-9.36e-002	-3.22e-002		0.48
	312	4.06e-004	5.25e-003	4.09e-003	-0.10	-8.11e-002		0.42
	292	6.48e-005	4.21e-006	4.28e-003	-0.11	-3.20e-002		0.45
381	291	-1.14e-004	-7.40e-006	4.83e-003	-4.37e-003	1.31e-004		0.53
	310	1.74e-004	4.43e-003	4.60e-003	-3.23e-002	-9.50e-003		0.52
	311	2.00e-004	4.43e-003	4.56e-003	-4.72e-002	-1.89e-002		0.50
	209	-8.83e-005	-5.74e-006	4.79e-003	-2.43e-002	-8.16e-003		0.51
382	208	-6.83e-005	-4.44e-006	4.87e-003	-1.90e-003	6.09e-005		0.53
	309	1.24e-004	2.95e-003	4.58e-003	-1.19e-002	-2.39e-003		0.53
	310	7.80e-005	2.95e-003	4.63e-003	-1.88e-002	-5.60e-003		0.52
	291	-1.14e-004	-7.40e-006	4.92e-003	-6.75e-003	-2.45e-003		0.53
383	288	-1.81e-005	-1.17e-006	4.95e-003	-1.18e-003	-1.28e-004		0.53
	308	7.93e-005	1.50e-003	4.68e-003	-6.52e-003	-8.01e-004		0.53
	309	2.91e-005	1.49e-003	4.58e-003	-8.11e-003	-1.76e-003		0.53

	208	-6.83e-005	-4.44e-006	4.85e-003	-2.28e-003	-7.24e-004		0.53
384	207	9.75e-006	6.34e-007	4.72e-003	-1.83e-003	-5.79e-004		0.53
	307	9.04e-006	-1.02e-005	4.48e-003	-9.37e-003	-8.02e-004		0.53
	308	-1.88e-005	-1.20e-005	4.71e-003	-6.57e-003	-1.11e-003		0.53
	288	-1.81e-005	-1.17e-006	4.95e-003	-1.37e-003	-1.44e-004		0.53
385	287	4.96e-005	3.22e-006	5.43e-003	-4.02e-003	-1.52e-003		0.53
	306	-4.36e-005	-1.43e-003	5.00e-003	-2.51e-002	2.26e-005		0.54
	307	-8.34e-005	-1.43e-003	4.39e-003	-1.37e-002	-4.00e-003		0.54
	207	9.75e-006	6.34e-007	4.82e-003	-2.17e-003	-2.86e-005		0.53
386	206	9.63e-004	6.26e-005	4.23e-003	-1.04e-002	-3.23e-003		0.53
	305	7.35e-004	-3.44e-003	3.97e-003	-9.13e-002	1.64e-002		0.55
	306	-1.78e-004	-3.50e-003	5.19e-003	-4.31e-002	-2.09e-002		0.55
	287	4.96e-005	3.22e-006	5.45e-003	-6.30e-003	-1.40e-005		0.53
387	284	-4.20e-003	-2.73e-004	6.19e-003	-0.14	-3.44e-002		0.46
	304	-4.51e-003	-4.90e-003	7.65e-003	-0.51	5.69e-002		0.58
	305	6.62e-004	-4.57e-003	4.22e-003	-0.18	-5.03e-002		0.62
	206	9.63e-004	6.26e-005	2.76e-003	-4.97e-002	1.98e-002		0.50
388	176	-1.46e-002	-9.51e-004	-6.99e-003	-8.40	-1.37	6.43e-002	
	271	-1.49e-002	-4.39e-003	-1.77e-002	0.64	-1.80	1.68	
	304	-4.43e-003	-3.71e-003	2.11e-004	-1.20	0.68	0.87	
	284	-4.20e-003	-2.73e-004	1.09e-002	-0.77	0.78	-0.75	
429	276	-4.96e-003	-6.37e-003	7.09e-003	1.16	1.06	9.42e-002	
	282	-2.98e-003	2.40e-002	3.10e-002	0.42	-1.09e-002	1.53	
	283	-1.08e-002	2.35e-002	6.85e-003	9.58	6.64	2.31	
	277	-1.28e-002	-6.88e-003	-1.71e-002	-2.69	3.75	0.88	
430	275	1.18e-003	-2.29e-003	2.40e-003	0.42	0.68	-0.98	
	281	1.44e-003	1.66e-003	-3.47e-003	-8.16e-002	0.42	-0.90	
	282	-4.46e-003	1.28e-003	9.17e-003	-3.43e-002	2.41	-0.16	
	276	-4.72e-003	-2.68e-003	1.50e-002	0.79	1.20	-0.23	
431	274	2.71e-003	-5.85e-003	1.27e-002	0.81	-8.25e-002	-1.46	
	280	2.46e-003	-9.70e-003	8.43e-003	-1.86e-003	0.30	-1.58	
	281	6.94e-004	-9.82e-003	-3.11e-003	-2.05e-002	0.59	-1.09	
	275	9.45e-004	-5.96e-003	1.11e-003	0.46	0.36	-0.96	
432	273	-1.16e-002	-1.57e-002	-1.36e-002	2.20	-0.57	-2.20	
	279	-1.16e-002	-1.57e-002	-1.36e-002	0.93	0.35	-2.74	
	280	2.13e-003	-1.48e-002	1.29e-002	0.26	-0.17	-1.96	
	274	2.13e-003	-1.48e-002	1.29e-002	1.08	-0.18	-1.42	
433	272	-4.93e-002	-3.26e-002	8.59e-002	2.13	1.78	6.93e-002	
	278	-4.80e-002	-1.26e-002	1.63e-002	17.15	-3.07	-3.79	
	279	-1.13e-002	-1.02e-002	-6.18e-002	2.50	-0.34	-5.88	
	273	-1.26e-002	-3.02e-002	7.76e-003	3.97	-3.17	-2.03	
434	270	3.44e-003	1.71e-003	7.66e-003	-0.57	2.10	5.60e-002	
	276	2.95e-003	-5.86e-003	7.05e-003	0.35	0.68	-3.26e-002	
	277	-1.14e-002	-6.79e-003	-1.31e-002	5.36	3.17	0.86	
	271	-1.09e-002	7.75e-004	-1.25e-002	-5.86	-0.27	0.95	
435	269	1.03e-004	-1.83e-003	1.92e-003	2.07e-002	0.26	-0.72	
	275	6.79e-005	-2.37e-003	3.55e-003	0.32	0.68	-0.87	
	276	3.19e-003	-2.16e-003	1.50e-002	-0.12	0.83	-0.63	
	270	3.23e-003	-1.63e-003	1.34e-002	4.69e-002	0.92	-0.49	
436	268	-4.31e-004	-2.94e-003	1.49e-002	0.58	-0.17	-0.85	
	274	-6.35e-004	-6.07e-003	1.46e-002	0.81	-0.14	-1.09	
	275	-1.71e-004	-6.03e-003	2.26e-003	0.30	0.25	-1.04	
	269	3.28e-005	-2.91e-003	2.59e-003	0.36	0.20	-0.80	
437	267	-2.89e-003	-1.86e-003	-4.09e-003	1.80	-0.19	-0.43	
	273	-3.76e-003	-1.52e-002	-7.65e-003	2.85	-0.55	-1.19	
	274	-1.22e-003	-1.50e-002	1.48e-002	1.14	-0.32	-1.41	
	268	-3.51e-004	-1.69e-003	1.84e-002	1.04	-0.45	-0.66	

438	266	-2.80e-002	1.46e-002	6.50e-002	-3.70	0.41	0.54
	272	-3.10e-002	-3.14e-002	6.59e-002	13.17	2.72	-0.46
	273	-4.70e-003	-2.97e-002	1.37e-002	3.12	-3.37	-1.59
	267	-1.71e-003	1.63e-002	1.28e-002	2.61	-0.62	-0.58
439	205	5.90e-003	3.84e-004	2.82e-002	-0.98	1.09	1.88
	270	6.00e-003	1.87e-003	6.27e-003	-1.06	1.65	0.24
	271	-1.45e-002	5.39e-004	-1.55e-002	1.64	-0.61	0.60
	176	-1.46e-002	-9.51e-004	6.48e-003	-9.36	-1.25	2.24
440	204	1.96e-004	1.27e-005	4.31e-003	-0.16	8.15e-002	-0.43
	269	7.56e-005	-1.83e-003	3.82e-003	0.12	0.21	-0.65
	270	5.78e-003	-1.46e-003	1.20e-002	-0.88	0.65	-0.11
	205	5.90e-003	3.84e-004	1.25e-002	0.15	8.53e-002	0.11
441	203	-8.72e-004	-5.67e-005	1.51e-002	-2.55e-002	-4.87e-004	-0.52
	268	-1.06e-003	-2.98e-003	1.51e-002	0.69	-0.16	-0.65
	269	5.74e-006	-2.91e-003	4.48e-003	5.29e-002	0.15	-0.70
	204	1.96e-004	1.27e-005	4.46e-003	0.20	1.42e-002	-0.57
442	202	1.44e-002	9.34e-004	-9.71e-003	0.41	2.92e-002	4.83e-002
	267	1.43e-002	-7.44e-004	-7.45e-003	1.22	-0.26	-0.16
	268	-9.81e-004	-1.73e-003	1.86e-002	0.67	-0.29	-0.58
	203	-8.72e-004	-5.67e-005	1.63e-002	0.26	-9.14e-002	-0.37
443	175	-1.58e-002	-1.03e-003	-7.14e-003	-8.65	-0.87	-0.16
	266	-1.47e-002	1.55e-002	7.88e-002	7.71	0.72	0.51
	267	1.54e-002	1.75e-002	9.43e-003	1.36	-0.82	-0.24
	202	1.44e-002	9.34e-004	-7.66e-002	-0.10	0.65	-0.91
600	158	-1.30e-002	3.18e-003	-5.32e-002	-0.19	0.64	0.26
	104	-2.94e-002	-0.25	-8.60e-002	0.38	-0.33	0.11
	41	-1.62e-002	-0.25	-0.13	0.94	3.96	1.20
	116	2.63e-004	4.04e-003	-0.10	-0.80	0.40	1.36
601	157	-1.41e-002	-4.12e-002	-5.23e-002	0.17	-1.70	0.14
	103	-2.09e-002	-0.15	-2.64e-002	3.79e-002	-2.17	-0.11
	104	-2.27e-002	-0.15	-4.45e-002	2.25e-002	0.31	-6.82e-002
	158	-1.59e-002	-4.13e-002	-7.04e-002	-7.55e-002	-0.26	0.19
602	156	-4.43e-003	-3.52e-002	-5.16e-002	0.43	-3.59	0.68
	102	-8.75e-003	-0.10	-2.49e-002	-9.25e-002	-5.08	0.37
	103	-1.80e-002	-0.10	-9.42e-003	-0.15	-1.94	-8.99e-002
	157	-1.37e-002	-3.58e-002	-3.61e-002	0.15	-2.34	0.22
603	155	0.11	1.89e-003	5.30e-002	0.71	-1.87	5.07
	1	0.10	-7.17e-002	7.13e-004	0.28	-12.13	4.52
	102	-7.26e-003	-7.87e-002	-7.79e-002	-0.96	-3.79	0.52
	156	-2.48e-003	-5.17e-003	-2.56e-002	1.17	-4.97	1.06
604	154	-3.91e-002	-4.14e-003	-4.81e-002	-0.30	9.31e-002	0.26
	158	-3.87e-002	1.51e-003	-5.04e-002	-0.17	0.33	0.47
	116	2.63e-004	4.04e-003	-3.88e-002	-2.20e-002	0.14	0.52
	115	-1.05e-004	-1.61e-003	-3.66e-002	-3.83e-002	0.25	0.31
605	153	-3.17e-002	-8.61e-004	-4.58e-002	0.25	-1.49	0.73
	157	-3.44e-002	-4.25e-002	-6.35e-002	0.24	-1.47	0.16
	158	-4.16e-002	-4.30e-002	-6.75e-002	-0.30	-0.48	8.18e-002
	154	-3.89e-002	-1.33e-003	-4.99e-002	-0.22	-0.27	0.65
606	152	-2.90e-003	2.18e-003	-5.74e-002	0.56	-2.73	1.00
	156	-5.33e-003	-3.52e-002	-5.28e-002	0.88	-3.14	0.56
	157	-3.41e-002	-3.71e-002	-4.73e-002	0.22	-2.38	0.25
	153	-3.16e-002	3.09e-004	-5.19e-002	0.42	-2.11	0.69
607	151	6.10e-002	1.13e-003	-2.06e-002	-0.54	-0.91	0.97
	155	6.08e-002	-1.06e-003	4.69e-003	-0.71	-1.11	2.30
	156	-3.38e-003	-5.23e-003	-2.68e-002	0.58	-3.70	1.73
	152	-3.24e-003	-3.05e-003	-5.21e-002	0.60	-2.61	0.40
608	150	-2.29e-002	-1.46e-003	-4.82e-002	-0.32	1.93	0.27

	154	-2.30e-002	-3.10e-003	-4.36e-002	-0.52	0.25	0.70
	115	-1.05e-004	-1.61e-003	-3.63e-002	-0.29	0.41	-5.91e-002
	114	1.66e-006	2.55e-005	-4.10e-002	0.24	0.47	-0.48
609	149	-3.32e-002	-4.31e-003	-5.36e-002	0.23	-0.92	1.68
	153	-3.30e-002	-9.43e-004	-4.64e-002	3.26e-002	-1.38	1.02
	154	-2.28e-002	-2.83e-004	-4.53e-002	-0.29	-0.16	0.57
	150	-2.30e-002	-3.65e-003	-5.25e-002	-0.63	0.38	1.23
610	148	-3.65e-002	-1.44e-002	-6.69e-002	0.77	-3.68	1.06
	152	-3.55e-002	5.53e-005	-6.40e-002	0.51	-2.81	0.56
	153	-3.29e-002	2.26e-004	-5.26e-002	0.51	-2.15	1.12
	149	-3.38e-002	-1.42e-002	-5.54e-002	-0.13	-2.56	1.61
611	147	-2.07e-002	1.13e-003	7.58e-004	-1.40	-1.42	-1.59
	151	-2.10e-002	-4.20e-003	-1.13e-002	-0.57	-1.10	-1.15e-002
	152	-3.59e-002	-5.17e-003	-5.87e-002	0.66	-2.68	1.02
	148	-3.55e-002	1.68e-004	-4.67e-002	0.26	-4.75	-0.55
612	107	-1.87e-002	1.91e-003	-3.57e-002	2.38	0.10	1.32
	150	-1.89e-002	-1.20e-003	-4.68e-002	-0.47	3.06	0.45
	114	1.66e-006	2.55e-005	-4.47e-002	-2.04	1.17	-2.36
	46	2.04e-004	3.14e-003	-3.37e-002	2.75	10.89	-1.49
613	106	-2.81e-002	-6.52e-003	-3.17e-002	-1.70e-002	-2.23	1.01
	149	-2.79e-002	-3.97e-003	-4.85e-002	0.11	-1.39	1.38
	150	-1.90e-002	-3.39e-003	-5.11e-002	-0.20	1.21	1.23
	107	-1.92e-002	-5.94e-003	-3.43e-002	1.52	2.47	0.86
614	105	-2.65e-002	-1.85e-002	-3.91e-002	-2.38	-6.51	0.68
	148	-2.62e-002	-1.37e-002	-6.09e-002	0.21	-4.60	1.03
	149	-2.86e-002	-1.39e-002	-5.03e-002	-0.29	-2.23	1.33
	106	-2.89e-002	-1.87e-002	-2.85e-002	-0.67	-1.18	0.99
615	3	-0.15	-5.18e-002	-5.73e-002	-0.17	-18.26	-3.78
	147	-0.15	-7.06e-003	-2.56e-002	0.47	-2.49	-5.47
	148	-2.53e-002	8.35e-004	-4.07e-002	1.09	-6.71	3.73e-002
	105	-2.82e-002	-4.39e-002	-7.25e-002	-3.55	-3.56	1.73
616	146	-1.85e-002	-1.61e-003	-3.53e-002	0.44	4.52	0.80
	107	-1.83e-002	1.94e-003	-3.16e-002	1.87	-1.22e-002	0.10
	46	2.04e-004	3.14e-003	-2.67e-002	3.65	11.28	2.68
	119	-2.63e-005	-4.05e-004	-3.03e-002	-2.67	1.90	3.38
617	145	-3.08e-002	-1.90e-003	-2.64e-002	0.44	-1.40	8.98e-002
	106	-3.11e-002	-6.71e-003	-2.30e-002	-0.16	-2.12	0.53
	107	-1.88e-002	-5.91e-003	-3.02e-002	1.36	2.45	0.60
	146	-1.85e-002	-1.10e-003	-3.36e-002	0.59	1.59	0.17
618	144	-4.24e-002	-5.97e-003	-2.33e-002	-0.98	-5.39	1.54e-002
	105	-4.33e-002	-1.96e-002	-2.37e-002	-1.77	-6.55	0.57
	106	-3.19e-002	-1.89e-002	-1.98e-002	-0.43	-1.32	0.52
	145	-3.10e-002	-5.23e-003	-1.93e-002	-0.29	-2.33	-3.53e-002
619	143	2.14e-002	3.58e-003	2.89e-002	0.73	-3.53	6.38
	3	1.85e-002	-4.09e-002	-1.83e-002	-0.85	-18.98	5.09
	105	-4.49e-002	-4.50e-002	-5.71e-002	-2.85	-3.14	-0.47
	144	-4.20e-002	-5.42e-004	-9.89e-003	-5.97e-002	-8.97	0.82
620	142	-2.02e-002	-2.78e-003	-2.96e-002	-0.72	2.42	0.51
	146	-2.01e-002	-1.71e-003	-3.26e-002	-5.25e-002	3.82	0.90
	119	-2.63e-005	-4.05e-004	-3.14e-002	0.16	1.16	1.37
	118	-9.59e-005	-1.48e-003	-2.83e-002	-8.36e-002	1.72	0.97
621	141	-3.95e-002	-3.54e-003	-2.41e-002	0.76	-1.46	0.66
	145	-3.95e-002	-2.46e-003	-2.65e-002	0.29	-0.94	-0.16
	146	-2.01e-002	-1.21e-003	-3.09e-002	-0.57	0.95	6.76e-002
	142	-2.02e-002	-2.28e-003	-2.86e-002	-0.28	1.14	0.88
622	140	-3.46e-002	4.71e-003	-1.85e-002	1.32	-4.83	0.25
	144	-3.53e-002	-5.51e-003	-1.83e-002	1.35	-4.61	-0.32

	145	-3.97e-002	-5.79e-003	-1.94e-002	0.31	-2.88	-0.17
	141	-3.90e-002	4.43e-003	-1.96e-002	1.04	-2.87	0.40
623	139	6.58e-003	3.94e-003	-4.37e-003	-1.01	-2.76	0.60
	143	6.49e-003	2.61e-003	1.74e-003	-0.70	-2.07	2.18
	144	-3.50e-002	-8.09e-005	-4.96e-003	1.21e-002	-7.65	1.17
	140	-3.49e-002	1.25e-003	-1.11e-002	2.02	-5.15	-0.41
624	138	-2.09e-002	-5.65e-003	-2.80e-002	1.35	5.05	1.36
	142	-2.08e-002	-2.82e-003	-2.72e-002	-1.07	2.67	1.47
	118	-9.59e-005	-1.48e-003	-2.67e-002	-0.28	1.72	0.54
	117	-2.80e-004	-4.31e-003	-2.75e-002	0.54	1.13	0.43
625	137	-4.08e-002	-1.61e-002	-2.96e-002	2.01	-1.79	1.88
	141	-4.00e-002	-3.57e-003	-2.70e-002	0.89	-1.53	0.83
	142	-2.07e-002	-2.32e-003	-2.62e-002	0.17	1.07	1.30
	138	-2.15e-002	-1.49e-002	-2.89e-002	0.21	0.60	2.35
626	136	-4.89e-002	-2.66e-002	-3.41e-002	2.34	-5.50	0.44
	140	-4.70e-002	3.91e-003	-2.06e-002	1.70	-4.99	3.44e-002
	141	-3.95e-002	4.39e-003	-2.25e-002	1.28	-2.96	0.86
	137	-4.15e-002	-2.62e-002	-3.59e-002	1.93	-3.75	1.26
627	135	-2.45e-003	-8.47e-004	-9.14e-003	-0.14	-2.35	-2.48
	139	-2.18e-003	3.37e-003	1.22e-002	-0.81	-2.79	-0.73
	140	-4.72e-002	4.50e-004	-1.32e-002	1.93	-5.12	0.52
	136	-4.75e-002	-3.77e-003	-3.45e-002	1.35	-7.65	-1.23
628	110	-2.17e-002	-6.53e-003	-1.31e-002	5.45	-1.98	3.84
	138	-2.17e-002	-5.70e-003	-2.43e-002	2.00	6.30	1.48
	117	-2.80e-004	-4.31e-003	-2.47e-002	-4.03	2.24	-2.32
	47	-3.34e-004	-5.14e-003	-1.34e-002	6.15	17.80	3.39e-002
629	109	-4.04e-002	-2.90e-002	-1.07e-002	3.59	-4.95	1.20
	137	-3.95e-002	-1.60e-002	-2.44e-002	2.81	-2.67	1.44
	138	-2.23e-002	-1.49e-002	-2.52e-002	2.90	1.27	2.52
	110	-2.31e-002	-2.79e-002	-1.16e-002	4.85	1.92	2.28
630	108	-6.99e-002	-6.21e-002	-7.79e-003	1.02	-7.60	-1.06
	136	-6.77e-002	-2.79e-002	-3.03e-002	0.88	-6.51	6.57e-003
	137	-4.02e-002	-2.61e-002	-3.07e-002	2.07	-3.52	1.22
	109	-4.24e-002	-6.03e-002	-8.16e-003	3.11	-4.40	0.16
631	4	-3.32e-002	-0.12	-7.35e-004	-0.29	-15.57	-6.21
	135	-2.53e-002	-2.33e-003	-6.00e-002	0.80	-3.77	-6.16
	136	-6.62e-002	-4.99e-003	-3.08e-002	1.48	-8.87	-0.88
	108	-7.41e-002	-0.13	2.85e-002	-0.55	-6.17	-0.93
632	134	-3.58e-002	-3.42e-003	1.25e-002	1.89	-4.26	7.78
	110	-3.61e-002	-7.46e-003	9.89e-004	8.08	-0.17	2.16
	47	-3.34e-004	-5.14e-003	1.53e-005	4.20	14.57	7.81
	122	-7.15e-005	-1.10e-003	1.15e-002	-1.84	1.77	13.43
633	133	-5.21e-002	-5.18e-003	4.37e-002	5.43	-9.03	0.57
	109	-5.37e-002	-2.99e-002	1.61e-002	6.25	-5.73	-0.19
	110	-3.75e-002	-2.88e-002	2.49e-003	8.04	0.67	3.20
	134	-3.59e-002	-4.13e-003	3.00e-002	3.06	-6.05	3.95
634	132	-6.74e-002	-2.80e-002	7.12e-002	5.05	-8.39	-4.53
	108	-6.97e-002	-6.21e-002	2.99e-002	1.85	-9.30	-2.32
	109	-5.58e-002	-6.11e-002	1.87e-002	5.29	-4.15	-0.16
	133	-5.36e-002	-2.71e-002	6.00e-002	5.30	-10.98	-2.38
635	131	-0.27	8.27e-003	9.31e-002	1.07	-2.26	-1.79
	4	-0.28	-0.14	0.11	1.17	-15.96	-8.00e-004
	108	-7.39e-002	-0.13	6.62e-002	0.10	-5.78	-3.38
	132	-6.42e-002	2.16e-002	4.73e-002	5.18	-9.53	-5.17
636	130	-6.28e-002	-1.13e-003	1.93e-002	9.82	-23.69	17.07
	134	-6.31e-002	-5.19e-003	1.82e-002	4.66	-6.62	8.18
	122	-7.15e-005	-1.10e-003	-1.50e-003	1.97	-2.17	13.62

	121	1.92e-004	2.96e-003	-3.41e-004	0.13	-0.38	22.52
637	129	-0.11	1.75e-002	3.99e-002	7.87	-21.29	-1.47
	133	-0.11	-8.80e-003	5.66e-002	8.52	-12.33	-1.36
	134	-6.31e-002	-5.90e-003	3.57e-002	6.36	-9.64	7.54
	130	-6.14e-002	2.05e-002	1.90e-002	10.08	-25.79	7.43
638	128	-8.30e-002	2.50e-002	0.10	1.71	-10.89	-11.06
	132	-8.65e-002	-2.92e-002	9.44e-002	6.32	-10.60	-6.10
	133	-0.11	-3.07e-002	7.30e-002	7.35	-12.33	-1.92
	129	-0.11	2.35e-002	7.63e-002	7.60	-24.23	-6.87
639	127	-2.33e-002	-6.06e-003	1.93e-002	-0.96	-1.98	-11.16
	131	-2.13e-002	2.44e-002	-3.56e-004	-0.14	-1.93	-6.33
	132	-8.33e-002	2.03e-002	7.04e-002	4.30	-8.13	-6.06
	128	-8.52e-002	-1.01e-002	9.01e-002	1.43	-9.10	-10.89
640	126	-0.13	2.01e-002	-2.30e-002	24.44	-79.82	36.27
	130	-0.14	-5.83e-003	2.14e-002	12.39	-28.15	12.36
	121	1.92e-004	2.96e-003	1.52e-002	6.80	-10.09	32.06
	120	1.88e-003	2.89e-002	-2.92e-002	-2.68	-14.30	55.98
641	125	-0.15	-0.14	6.84e-002	4.72	-54.39	-18.40
	129	-0.14	1.56e-002	2.72e-002	18.69	-31.88	-7.66
	130	-0.13	1.58e-002	2.11e-002	13.20	-32.34	14.01
	126	-0.14	-0.14	6.22e-002	26.20	-71.53	3.26
642	124	-6.98e-002	-0.18	6.18e-002	-6.42	-11.57	-24.99
	128	-5.66e-002	2.67e-002	0.10	7.19	-14.58	-12.60
	129	-0.14	2.16e-002	6.36e-002	11.57	-24.16	-10.33
	125	-0.15	-0.18	2.24e-002	6.82	-34.84	-22.71
643	123	0.17	5.59e-002	2.45e-004	4.65	-0.27	-12.17
	127	0.16	6.01e-003	3.99e-002	-6.03	-1.08	-11.85
	128	-5.89e-002	-8.37e-003	0.10	3.31	-8.40	-15.21
	124	-5.57e-002	4.15e-002	5.57e-002	-4.59	0.53	-15.53
644	113	-0.13	-0.97	0.28	-64.81	-128.24	10.34
	126	-6.65e-002	2.45e-002	3.82e-002	48.70	-125.49	14.17
	120	1.88e-003	2.89e-002	0.15	58.45	-48.45	131.02
	48	-6.30e-002	-0.97	0.40	-80.74	-394.51	127.18
645	112	-0.10	-0.69	4.16e-002	-14.01	-52.24	-26.80
	125	-6.06e-002	-0.13	4.12e-002	6.53	-59.77	-20.23
	126	-7.67e-002	-0.13	0.12	29.03	-91.91	-0.50
	113	-0.11	-0.70	0.12	-35.19	-161.07	-7.07
646	111	-3.99e-002	-0.64	4.48e-002	5.33	14.83	-30.78
	124	-9.70e-003	-0.17	7.92e-002	-7.51	-5.10	-25.30
	125	-6.35e-002	-0.18	-4.69e-003	3.16	-43.12	-25.43
	112	-9.37e-002	-0.64	-3.91e-002	-4.07	-62.30	-30.92
647	5	8.50e-002	-0.70	-0.30	27.98	119.41	7.46
	123	0.13	5.39e-002	-0.34	-22.29	10.40	11.27
	124	4.45e-003	4.54e-002	7.31e-002	-13.23	10.99	-22.40
	111	-4.45e-002	-0.71	0.11	17.48	3.03	-26.22

SFORZI "Tamponature esterne" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	489.91	957.65	-20.82	3281.66	3268.68	55723.99
	509	260.09	1029.90	20.82	-3281.66	5577.99	-71071.53
2	255	-1199.19	40.94	7.19	740.60	-891.16	11689.22
	196	1199.19	-40.94	-7.19	-740.60	-1392.70	1322.49
3	487	349.89	1330.72	3.71	-1686.90	-655.33	87986.64
	509	-349.89	1406.78	-3.71	1686.90	-1375.39	-108806.19
4	509	56.11	-422.66	-360.88	-1989.04	36068.50	-44210.16

	495	-56.11	422.66	360.88	1989.04	7236.52	-6509.53
5	195	2518.29	-752.49	-477.56	695.77	38287.70	-52869.81
	509	-2518.29	752.49	477.56	-695.77	33346.42	-60003.47
6	403	-6.59	-2.40	-9.85	-38.42	338.16	12.01
	413	6.59	2.40	9.85	38.42	6.68	-96.09
7	393	-15.03	-8.18	-13.76	-47.90	857.00	-126.42
	403	15.03	8.18	13.76	47.90	-375.49	-159.99
8	190	-32.94	-18.07	-20.19	-47.95	1658.24	-765.48
	393	32.94	18.07	20.19	47.95	-951.50	133.07
9	353	117.78	0.96	-175.64	258.14	-5478.86	-131.81
	363	-117.78	-0.96	175.64	-258.14	11626.33	165.27
10	343	93.42	-9.42	-147.89	267.38	3706.95	-274.42
	353	-93.42	9.42	147.89	-267.38	1469.36	-55.19
11	187	107.49	-33.79	-187.36	210.85	14312.81	-1892.74
	343	-107.49	33.79	187.36	-210.85	-7755.30	710.06
12	323	6.37	-1.53	-6.38	-158.12	213.17	-41.02
	333	-6.37	1.53	6.38	158.12	9.98	-12.65
13	313	11.09	-6.39	-8.61	-211.87	524.81	-156.22
	323	-11.09	6.39	8.61	211.87	-223.51	-67.50
14	181	22.18	-20.09	-12.46	-227.91	1007.32	-1133.57
	313	-22.18	20.09	12.46	227.91	-571.18	430.37
15	277	83.46	15.10	-87.68	582.15	-2374.14	-484.13
	283	-83.46	-15.10	87.68	-582.15	5442.80	1012.51
16	271	71.86	12.82	-74.72	409.52	2045.79	159.40
	277	-71.86	-12.82	74.72	-409.52	569.35	289.18
17	176	90.45	20.75	-95.19	361.02	7214.93	975.67
	271	-90.45	-20.75	95.19	-361.02	-3883.15	-249.55
18	272	66.85	-143.31	-157.36	391.32	-3893.39	-2016.97
	278	-66.85	143.31	157.36	-391.32	9400.91	-2999.05
19	266	-108.08	-195.77	-144.33	408.44	2681.05	-7351.17
	272	108.08	195.77	144.33	-408.44	2370.43	499.17
20	175	-150.17	-461.50	-159.45	62.13	9821.42	-26337.27
	266	150.17	461.50	159.45	-62.13	-4240.82	10184.65
21	508	247.85	28.48	6.58e-002	26.21	72.84	3850.84
	278	-247.85	-28.48	-6.58e-002	-26.21	-92.60	4693.66
22	506	-38.04	100.28	14.63	-83.11	-3235.62	27781.99
	500	38.04	-100.28	-14.63	83.11	-2825.52	13762.35
23	167	-454.10	-67.09	-11.73	143.96	1292.19	-6819.12
	506	454.10	67.09	11.73	-143.96	2106.30	-12615.52
24	507	115.71	27.23	1.82	1.22	-381.31	4371.58
	508	-115.71	-27.23	-1.82	-1.22	-164.29	3798.28
25	506	30.40	-1.02	-4.38	-168.78	1097.08	-369.33
	507	-30.40	1.02	4.38	168.78	786.67	-71.16
26	505	-96.06	31.55	3.27	331.15	-655.41	7030.27
	506	96.06	-31.55	-3.27	-331.15	-620.17	5272.70
27	504	-69.49	-38.58	-1.49	291.05	494.55	-7675.32
	505	69.49	38.58	1.49	-291.05	147.11	-8913.09
28	504	65.91	-11.94	15.31	200.53	-3565.71	-1444.23
	498	-65.91	11.94	-15.31	-200.53	-2776.85	-3502.00
29	161	4.93e-002	-15.27	-2.60	-160.32	-307.52	-4271.40
	504	-4.93e-002	15.27	2.60	160.32	1062.01	-153.64

30	499	137.70	-22.59	-4.63	68.13	353.07	-2291.33
	498	-137.70	22.59	4.63	-68.13	1639.35	-7424.31
31	500	70.96	28.28	-4.02	-1205.35	1269.02	3672.14
	499	-70.96	-28.28	4.02	1205.35	300.73	7356.39
32	501	46.98	5.90	-1.86	658.54	-21.90	1438.01
	500	-46.98	-5.90	1.86	-658.54	822.73	1099.87
33	502	-91.70	95.45	-4.71	-133.39	780.93	15637.71
	501	91.70	-95.45	4.71	133.39	632.84	12997.84
34	503	-121.41	-93.05	-2.32	163.05	999.25	-15287.89
	502	121.41	93.05	2.32	-163.05	-301.83	-12627.96
35	496	10.07	39.49	6.56	460.26	-1665.35	13780.90
	503	-10.07	-39.49	-6.56	-460.26	-1678.50	6356.48
36	160	-9.06	-58.13	87.41	-1648.37	-2871.07	-7992.94
	504	9.06	58.13	-87.41	1648.37	-6306.72	1888.92
37	163	70.12	-4.76	26.57	-508.30	-906.81	-540.21
	505	-70.12	4.76	-26.57	508.30	-1882.82	40.10
38	166	271.37	-316.42	-100.10	-613.21	5292.12	-17557.73
	506	-271.37	316.42	100.10	613.21	5218.24	-15666.39
39	169	28.26	-6.20	-85.31	405.36	4657.62	-820.94
	507	-28.26	6.20	85.31	-405.36	4300.42	169.99
40	172	1.25	1.75	-132.14	-91.45	6225.31	159.06
	508	-1.25	-1.75	132.14	91.45	7649.12	24.99
41	159	7.30	69.84	-153.01	-987.61	32967.38	15287.07
	498	-7.30	-69.84	153.01	987.61	8346.34	3570.13
42	162	-50.87	-0.61	66.74	653.79	-12954.65	1109.18
	499	50.87	0.61	-66.74	-653.79	-5065.06	-1273.48
43	165	-54.46	-77.00	9.36	-466.89	1044.03	-8890.22
	500	54.46	77.00	-9.36	466.89	-3570.42	-11898.46
44	168	-89.55	2.85	138.67	610.93	-23005.48	1561.48
	501	89.55	-2.85	-138.67	-610.93	-14435.85	-791.94
45	171	188.50	-2.39	29.71	479.09	-5013.29	-941.16
	502	-188.50	2.39	-29.71	-479.09	-3009.75	296.44
46	174	-132.54	-8.88	-131.48	-679.25	26568.95	-2695.15
	503	132.54	8.88	131.48	679.25	8931.41	297.20
47	177	-80.53	64.23	255.95	-699.16	-53740.69	14880.59
	496	80.53	-64.23	-255.95	699.16	-15365.81	2460.45
48	178	83.37	-33.22	12.44	481.36	-5807.71	-8071.03
	497	-83.37	33.22	-12.44	-481.36	2449.99	-897.10
49	278	322.69	18.40	-0.87	389.01	-47.28	11758.27
	496	-322.69	-18.40	0.87	-389.01	617.55	330.20
50	497	-125.50	21.17	1.40	1532.05	-999.45	11589.83
	496	125.50	-21.17	-1.40	-1532.05	466.12	-3544.30
51	478	-158.71	-62.19	-11.03	-917.94	1497.97	-6099.32
	497	158.71	62.19	11.03	917.94	1480.80	-10692.73
52	173	-296.28	-12.14	-2.84	-588.20	761.57	-159.54
	278	296.28	12.14	2.84	588.20	423.29	-4903.84
53	283	1.62	34.63	0.52	540.30	-160.89	11804.37
	478	-1.62	-34.63	-0.52	-540.30	-118.29	6759.80
54	173	-202.05	-30.62	-8.04	-1289.13	1998.40	-5398.99
	283	202.05	30.62	8.04	1289.13	557.10	-4334.91
55	483	477.52	-18.93	-1.35	-2992.10	966.22	7541.23

	484	-477.52	18.93	1.35	2992.10	108.16	-22641.52
56	482	179.41	-31.05	-0.61	-362.54	244.83	-18769.35
	483	-179.41	31.05	0.61	362.54	92.66	1682.50
57	481	234.85	50.25	0.41	136.26	-11.71	13821.52
	482	-234.85	-50.25	-0.41	-136.26	-239.15	16829.37
58	480	68.67	23.64	1.70	1294.52	-660.65	8061.04
	481	-68.67	-23.64	-1.70	-1294.52	-276.69	4940.88
59	479	103.54	-23.66	-0.69	-959.54	291.33	-6897.07
	480	-103.54	23.66	0.69	959.54	150.34	-8243.78
60	478	19.07	51.57	1.91	453.89	-747.58	13006.84
	479	-19.07	-51.57	-1.91	-453.89	-323.37	15870.36
61	363	-31.82	58.41	-2.71	302.83	649.75	19579.46
	480	31.82	-58.41	2.71	-302.83	801.70	11729.65
62	186	-431.12	-8.80	0.36	-105.68	88.06	666.62
	363	431.12	8.80	-0.36	105.68	-202.79	-3462.56
63	473	176.42	22.37	-7.51	2717.50	1147.35	11090.65
	484	-176.42	-22.37	7.51	-2717.50	2577.52	-1.27
64	255	-43.10	110.58	1.09	-2155.02	663.26	33052.57
	483	43.10	-110.58	-1.09	2155.02	-1224.41	24126.32
65	492	219.98	-150.45	-20.10	-1791.62	3464.73	-22631.81
	489	-219.98	150.45	20.10	1791.62	2565.38	-22503.41
66	494	52.49	62.34	6.25	-263.29	-1618.55	16645.24
	492	-52.49	-62.34	-6.25	263.29	-1786.12	17330.26
67	492	355.72	-42.62	19.18	964.95	-4291.71	-7417.56
	495	-355.72	42.62	-19.18	-964.95	-3334.46	-9523.11
68	491	-7.53	26.11	-5.71	-1687.48	1870.98	7556.80
	492	7.53	-26.11	5.71	1687.48	2711.12	13396.15
69	490	-94.31	34.14	7.25	1417.16	-1229.56	1845.54
	491	94.31	-34.14	-7.25	-1417.16	-928.87	8312.87
70	489	35.78	-3.63	-4.03	-175.37	1892.22	-1598.85
	490	-35.78	3.63	4.03	175.37	1331.24	-1306.25
71	488	21.24	-2.77	12.85	2643.99	-3311.94	-1179.34
	489	-21.24	2.77	-12.85	-2643.99	-3692.25	-332.03
72	494	-64.37	125.36	-28.49	-1727.83	4568.49	22840.28
	488	64.37	-125.36	28.49	1727.83	3978.33	14769.02
73	493	-49.60	-121.01	12.42	3379.86	-1969.47	-20819.98
	494	49.60	121.01	-12.42	-3379.86	-2966.26	-27281.54
74	493	401.24	-13.49	-5.28	-2292.47	1548.10	26.66
	495	-401.24	13.49	5.28	2292.47	1345.42	-7414.56
75	473	37.78	-29.32	-98.39	101.68	18267.76	-2129.95
	490	-37.78	29.32	98.39	-101.68	-2032.75	-2707.84
76	382	148.72	38.07	-148.11	1230.27	12788.73	-2279.05
	473	-148.72	-38.07	148.11	-1230.27	-7604.97	3611.49
77	293	165.49	0.70	-186.33	2319.22	21328.58	-1622.06
	382	-165.49	-0.70	186.33	-2319.22	-14807.09	1646.74
78	200	159.50	-61.61	-269.09	4318.89	32921.85	-4245.14
	293	-159.50	61.61	269.09	-4318.89	-23503.74	2088.64
79	255	149.59	-5.55	236.87	765.35	-19398.83	-777.02
	489	-149.59	5.55	-236.87	-765.35	-19684.05	-139.26
80	245	411.36	-15.62	-438.92	-8.32	-15084.80	403.25
	255	-411.36	15.62	438.92	8.32	30447.15	-950.00

81	235	321.96	-13.89	-356.88	187.16	5819.77	-254.07
	245	-321.96	13.89	356.88	-187.16	6671.18	-232.03
82	197	361.55	-30.24	-430.45	226.45	29299.71	-1631.83
	235	-361.55	30.24	430.45	-226.45	-14234.09	573.39
83	443	-128.14	-7.25	-77.22	666.39	616.00	-1745.47
	488	128.14	7.25	77.22	-666.39	12125.03	548.50
84	433	-55.64	12.08	-25.24	-139.83	1814.08	-625.81
	443	55.64	-12.08	25.24	139.83	-930.81	1048.44
85	423	-19.97	-1.64	-36.42	-436.23	3969.31	-247.53
	433	19.97	1.64	36.42	436.23	-2694.52	190.14
86	193	9.22	-28.12	-65.05	-553.96	7236.46	-1802.67
	423	-9.22	28.12	65.05	553.96	-4959.70	818.31
87	201	-8.04	1.05	88.63	942.11	-13918.82	6349.25
	491	8.04	-1.05	-88.63	-942.11	-10011.68	-6064.55
88	196	-281.52	-18.49	147.59	98.02	-26010.11	-6117.73
	492	281.52	18.49	-147.59	-98.02	-13838.02	1125.72
89	192	308.71	93.40	8.52	-16.32	1878.25	13680.59
	494	-308.71	-93.40	-8.52	16.32	-4177.97	11537.55
90	487	-134.50	388.83	54.89	-421.37	11941.07	43252.55
	493	134.50	-388.83	-54.89	421.37	-18527.51	3406.52
91	185	1206.79	300.19	50.69	-808.43	1384.72	10779.60
	487	-1206.79	-300.19	-50.69	808.43	-8988.00	34248.36
92	486	438.53	-10.57	-0.49	1266.16	30.24	4036.79
	487	-438.53	10.57	0.49	-1266.16	268.28	-10485.73
93	485	264.86	33.78	1.48	180.21	-528.34	11227.19
	486	-264.86	-33.78	-1.48	-180.21	-284.66	7353.62
94	186	183.74	-43.81	-4.65	-581.30	1364.66	-12097.46
	485	-183.74	43.81	4.65	581.30	620.72	-6618.54
95	183	10.29	269.50	-190.10	256.97	22026.17	29522.87
	485	-10.29	-269.50	190.10	-256.97	6489.36	10901.55
96	184	-44.35	173.68	3.17	-254.41	576.81	14662.51
	486	44.35	-173.68	-3.17	254.41	-1052.53	11389.51
97	179	-44.08	178.30	-22.06	471.53	568.69	29512.01
	478	44.08	-178.30	22.06	-471.53	5387.96	18628.51
98	182	-75.22	84.47	2.60	-32.04	-2116.11	13834.48
	479	75.22	-84.47	-2.60	32.04	1413.43	8973.29
99	188	1.52	-37.57	-50.33	159.24	4151.11	-9420.13
	480	-1.52	37.57	50.33	-159.24	9438.97	-723.61
100	191	26.61	166.17	0.98	-288.41	-1400.61	26098.92
	481	-26.61	-166.17	-0.98	288.41	1135.78	18768.23
101	194	-81.30	-55.55	6.73	5.68	-2912.57	-13080.58
	482	81.30	55.55	-6.73	-5.68	1095.52	-1918.96
102	198	-78.92	299.86	-67.63	586.18	-8202.96	68989.04
	483	78.92	-299.86	67.63	-586.18	26462.61	11971.86
103	199	-60.88	-485.65	144.06	1634.31	-36561.74	-104989.32
	484	60.88	485.65	-144.06	-1634.31	-2335.36	-26137.28
179	472	-30.74	-1.13	5.96	38.20	-203.24	-6.48
	473	30.74	1.13	-5.96	-38.20	-114.43	-53.81
180	467	-4.50	3.66e-002	-0.37	1.05	-20.01	-0.41
	472	4.50	-3.66e-002	0.37	-1.05	39.55	2.36
181	466	3.23	-1.19e-003	-0.57	-30.71	4.25	0.28

	467	-3.23	1.19e-003	0.57	30.71	25.96	-0.34
182	471	5.68e-014	1.17	0.00	-208.39	4.55e-013	12.61
	200	-5.68e-014	-1.17	0.00	208.39	0.00	49.81
183	470	5.68e-014	5.67e-002	1.42e-014	-96.15	0.00	3.24
	471	-5.68e-014	-5.67e-002	-1.42e-014	96.15	0.00	-0.22
184	229	9.95e-014	-2.97e-002	0.00	-64.13	0.00	-2.18
	470	-9.95e-014	2.97e-002	0.00	64.13	0.00	0.60
185	469	9.95e-014	-0.12	1.42e-014	-52.81	0.00	-3.18
	229	-9.95e-014	0.12	-1.42e-014	52.81	0.00	-2.96
186	468	1.99e-013	-0.10	0.00	-49.02	0.00	-3.39
	469	-1.99e-013	0.10	0.00	49.02	0.00	-1.84
187	228	1.28e-013	-0.10	-1.42e-014	-47.76	9.09e-013	-3.60
	468	-1.28e-013	0.10	1.42e-014	47.76	4.55e-013	-1.91
188	465	6.06	2.18e-002	-0.20	-42.60	4.27	-0.31
	466	-6.06	-2.18e-002	0.20	42.60	6.32	1.47
189	464	8.53	2.19e-003	-4.80e-002	-46.04	2.19	-0.53
	465	-8.53	-2.19e-003	4.80e-002	46.04	0.37	0.64
190	459	11.05	6.96e-003	-7.57e-003	-46.92	0.98	-0.72
	464	-11.05	-6.96e-003	7.57e-003	46.92	-0.58	1.09
191	458	13.58	5.49e-003	-4.28e-004	-47.11	0.48	-0.92
	459	-13.58	-5.49e-003	4.28e-004	47.11	-0.46	1.21
192	457	16.10	6.04e-003	-2.18e-003	-47.11	0.44	-1.12
	458	-16.10	-6.04e-003	2.18e-003	47.11	-0.32	1.44
193	456	18.63	5.71e-003	-8.94e-003	-47.04	0.87	-1.33
	457	-18.63	-5.71e-003	8.94e-003	47.04	-0.40	1.63
194	463	1.42e-013	-0.10	0.00	-47.35	0.00	-3.80
	228	-1.42e-013	0.10	0.00	47.35	0.00	-1.63
195	462	1.42e-013	-0.10	2.84e-014	-47.21	0.00	-4.01
	463	-1.42e-013	0.10	-2.84e-014	47.21	0.00	-1.45
196	227	1.71e-013	-0.10	0.00	-47.14	0.00	-4.19
	462	-1.71e-013	0.10	0.00	47.14	0.00	-1.24
197	461	1.56e-013	-0.10	0.00	-47.02	-2.27e-013	-4.44
	227	-1.56e-013	0.10	0.00	47.02	-2.27e-013	-1.04
198	460	7.11e-014	-0.10	0.00	-46.67	0.00	-4.49
	461	-7.11e-014	0.10	0.00	46.67	0.00	-0.87
199	226	-1.42e-014	-0.12	-1.42e-014	-45.53	0.00	-5.43
	460	1.42e-014	0.12	1.42e-014	45.53	0.00	-0.80
200	453	21.16	6.29e-003	-2.62e-002	-46.83	2.30	-1.51
	456	-21.16	-6.29e-003	2.62e-002	46.83	-0.90	1.84
201	452	23.69	3.99e-003	-7.25e-002	-46.31	6.31	-1.81
	453	-23.69	-3.99e-003	7.25e-002	46.31	-2.45	2.02
202	451	26.13	9.90e-003	-0.21	-45.03	17.72	-1.74
	452	-26.13	-9.90e-003	0.21	45.03	-6.60	2.27
203	450	27.96	3.32e-003	-0.67	-41.49	52.32	-2.40
	451	-27.96	-3.32e-003	0.67	41.49	-16.52	2.58
204	449	27.82	-1.43e-002	-2.27	-24.61	161.39	-1.64
	450	-27.82	1.43e-002	2.27	24.61	-40.20	0.88
205	255	36.50	-1.19	-0.90	123.93	134.77	-32.84
	449	-36.50	1.19	0.90	-123.93	-86.51	-30.61
206	455	-1.42e-014	-0.11	-1.42e-014	-41.49	0.00	-4.47
	226	1.42e-014	0.11	1.42e-014	41.49	0.00	-1.25

207	454	2.27e-013	-7.15e-002	-7.11e-015	-24.31	0.00	-5.44
	455	-2.27e-013	7.15e-002	7.11e-015	24.31	0.00	1.63
208	197	1.42e-014	1.69	-1.42e-014	114.96	0.00	48.38
	454	-1.42e-014	-1.69	1.42e-014	-114.96	0.00	41.91
209	254	45.42	1.82	-0.48	-132.21	54.29	38.39
	255	-45.42	-1.82	0.48	132.21	-28.18	60.63
210	253	23.36	-3.55e-002	1.82	7.36	24.89	-1.16
	254	-23.36	3.55e-002	-1.82	-7.36	-124.25	-0.77
211	252	14.06	-2.60e-002	0.53	21.28	10.59	-2.42
	253	-14.06	2.60e-002	-0.53	-21.28	-39.52	9.98e-001
212	251	3.30	-3.05e-002	0.16	23.87	4.21	-0.87
	252	-3.30	3.05e-002	-0.16	-23.87	-12.92	-0.79
213	250	-8.18	-2.48e-002	6.08e-002	24.67	1.12	-0.14
	251	8.18	2.48e-002	-6.08e-002	-24.67	-4.43	-1.22
214	249	-19.74	-2.83e-002	4.66e-002	24.73	-1.14	0.84
	250	19.74	2.83e-002	-4.66e-002	-24.73	-1.39	-2.38
215	248	-31.29	-2.28e-002	0.10	23.90	-5.51	1.85
	249	31.29	2.28e-002	-0.10	-23.90	0.30	-3.09
216	247	-42.78	-3.49e-002	0.25	20.90	-17.36	2.43
	248	42.78	3.49e-002	-0.25	-20.90	3.66	-4.33
217	246	-53.80	-2.11e-002	0.48	12.87	-43.00	3.83
	247	53.80	2.11e-002	-0.48	-12.87	16.80	-4.98
218	443	-63.35	-1.93e-003	3.86e-002	0.85	-73.60	3.24
	246	63.35	1.93e-003	-3.86e-002	-0.85	71.50	-3.35
219	448	1.71e-013	-0.35	0.00	-123.27	0.00	-19.66
	197	-1.71e-013	0.35	0.00	123.27	0.00	0.67
220	225	1.71e-013	0.37	-7.11e-015	7.45	0.00	8.77
	448	-1.71e-013	-0.37	7.11e-015	-7.45	0.00	11.59
221	447	1.71e-013	0.47	0.00	21.22	0.00	11.36
	225	-1.71e-013	-0.47	0.00	-21.22	0.00	14.02
222	224	-5.68e-014	0.45	-2.13e-014	24.21	2.27e-013	12.08
	447	5.68e-014	-0.45	2.13e-014	-24.21	0.00	12.49
223	446	1.42e-013	0.44	-7.11e-015	25.09	0.00	12.58
	224	-1.42e-013	-0.44	7.11e-015	-25.09	0.00	11.41
224	223	1.85e-013	0.44	7.11e-015	25.47	-2.27e-013	13.72
	446	-1.85e-013	-0.44	-7.11e-015	-25.47	-2.27e-013	10.40
225	445	2.84e-014	0.44	-1.42e-014	25.96	2.27e-013	14.14
	223	-2.84e-014	-0.44	1.42e-014	-25.96	0.00	9.64
226	222	1.14e-013	0.46	0.00	27.21	0.00	16.58
	445	-1.14e-013	-0.46	0.00	-27.21	0.00	8.51
227	444	1.14e-013	0.44	-7.11e-015	30.74	0.00	15.07
	222	-1.14e-013	-0.44	7.11e-015	-30.74	0.00	8.84
228	193	1.14e-013	1.04	-7.11e-015	47.08	0.00	42.00
	444	-1.14e-013	-1.04	7.11e-015	-47.08	0.00	14.45
289	383	-1.42e-014	0.36	3.55e-015	-23.40	0.00	11.10
	193	1.42e-014	-0.36	-3.55e-015	23.40	0.00	10.88
290	221	-1.42e-014	-0.18	3.55e-015	7.38	-2.27e-013	-0.70
	383	1.42e-014	0.18	-3.55e-015	-7.38	-1.14e-013	-10.54
291	442	-75.06	-0.65	2.13	21.44	-21.77	-7.55
	443	75.06	0.65	-2.13	-21.44	-108.13	-32.03
292	441	-59.05	3.75e-003	0.32	22.47	6.23	4.35

	442	59.05	-3.75e-003	-0.32	-22.47	-25.96	-4.12
293	440	-50.44	1.58e-002	1.93e-002	19.11	4.61	4.80
	441	50.44	-1.58e-002	-1.93e-002	-19.11	-5.78	-3.84
294	439	-42.51	2.34e-002	5.72e-003	18.09	1.76	3.95
	440	42.51	-2.34e-002	-5.72e-003	-18.09	-2.11	-2.52
295	380	-7.11e-014	-0.21	0.00	14.78	0.00	-2.77
	221	7.11e-014	0.21	0.00	-14.78	1.14e-013	-10.20
296	220	2.84e-014	-0.23	3.55e-015	17.11	0.00	-3.64
	380	-2.84e-014	0.23	-3.55e-015	-17.11	0.00	-10.54
297	379	2.84e-014	-0.23	7.11e-015	17.75	-1.14e-013	-4.14
	220	-2.84e-014	0.23	-7.11e-015	-17.75	-1.14e-013	-9.61
298	219	2.84e-014	-0.23	0.00	17.91	0.00	-4.80
	379	-2.84e-014	0.23	0.00	-17.91	0.00	-9.01
299	438	-34.54	1.73e-002	9.66e-003	17.91	0.28	3.31
	439	34.54	-1.73e-002	-9.66e-003	-17.91	-0.87	-2.25
300	437	-26.53	1.84e-002	1.84e-002	17.81	-0.92	2.64
	438	26.53	-1.84e-002	-1.84e-002	-17.81	-0.20	-1.52
301	436	-18.53	1.96e-002	4.91e-002	17.49	-3.50	2.12
	437	18.53	-1.96e-002	-4.91e-002	-17.49	0.51	-0.92
302	435	-10.51	1.85e-002	0.14	16.44	-10.98	1.31
	436	10.51	-1.85e-002	-0.14	-16.44	2.36	-0.18
303	376	2.84e-014	-0.23	0.00	17.89	-1.14e-013	-5.45
	219	-2.84e-014	0.23	0.00	-17.89	-1.14e-013	-8.39
304	218	2.84e-014	-0.22	0.00	17.62	1.14e-013	-5.98
	376	-2.84e-014	0.22	0.00	-17.62	1.14e-013	-7.66
305	375	5.68e-014	-0.21	0.00	16.47	0.00	-6.23
	218	-5.68e-014	0.21	0.00	-16.47	0.00	-6.83
306	190	5.68e-014	-0.12	0.00	14.10	5.68e-014	-2.64
	375	-5.68e-014	0.12	0.00	-14.10	0.00	-4.47
307	434	-2.16	1.39e-002	0.37	13.38	-32.03	0.74
	435	2.16	-1.39e-002	-0.37	-13.38	9.21	0.11
308	413	7.40	-5.44e-002	0.80	6.30	-82.83	-3.67
	434	-7.40	5.44e-002	-0.80	-6.30	34.07	0.35
309	412	12.03	6.22e-003	-0.71	-4.59	-38.76	-1.20
	413	-12.03	-6.22e-003	0.71	4.59	77.84	1.54
310	411	12.22	-2.44e-003	-0.35	-10.74	-12.44	-1.11
	412	-12.22	2.44e-003	0.35	10.74	31.82	0.98
311	372	-2.84e-014	0.28	0.00	-12.57	0.00	4.32
	190	2.84e-014	-0.28	0.00	12.57	0.00	11.23
312	217	-1.42e-014	-4.15e-003	3.55e-015	-14.35	5.68e-014	-0.81
	372	1.42e-014	4.15e-003	-3.55e-015	14.35	5.68e-014	0.59
313	371	-1.42e-014	-1.20e-003	1.78e-015	-15.39	5.68e-014	-1.18
	217	1.42e-014	1.20e-003	-1.78e-015	15.39	5.68e-014	1.12
314	216	-1.42e-014	-6.03e-003	1.78e-015	-15.68	1.14e-013	-1.07
	371	1.42e-014	6.03e-003	-1.78e-015	15.68	5.68e-014	0.74
315	410	12.18	-2.83e-003	-0.14	-13.87	-3.84	-1.02
	411	-12.18	2.83e-003	0.14	13.87	11.77	0.86
316	409	12.29	1.34e-003	-5.53e-002	-15.08	-0.99	-0.93
	410	-12.29	-1.34e-003	5.53e-002	15.08	4.03	1.01
317	408	12.42	3.63e-004	-2.59e-002	-15.48	0.32	-0.98
	409	-12.42	-3.63e-004	2.59e-002	15.48	1.10	9.97e-001

318	407	12.54	-8.01e-004	-2.59e-002	-15.53	1.80	-1.03
	408	-12.54	8.01e-004	2.59e-002	15.53	-0.37	0.99
319	368	-2.84e-014	-4.69e-003	0.00	-15.70	0.00	-1.15
	216	2.84e-014	4.69e-003	0.00	15.70	0.00	0.90
320	215	-5.68e-014	-3.37e-003	1.78e-015	-15.53	0.00	-1.03
	368	5.68e-014	3.37e-003	-1.78e-015	15.53	5.68e-014	0.84
321	367	-5.68e-014	-1.21e-002	0.00	-14.92	2.84e-014	-1.52
	215	5.68e-014	1.21e-002	0.00	14.92	5.68e-014	0.85
322	214	2.84e-014	6.50e-003	-8.88e-016	-12.84	0.00	-0.31
	367	-2.84e-014	-6.50e-003	8.88e-016	12.84	0.00	0.67
323	406	12.64	4.46e-003	-5.68e-002	-15.42	5.19	-0.82
	407	-12.64	-4.46e-003	5.68e-002	15.42	-2.07	1.06
324	405	12.59	-5.09e-003	-0.19	-15.12	15.50	-1.33
	406	-12.59	5.09e-003	0.19	15.12	-5.10	1.05
325	404	12.30	-9.37e-003	-0.76	-11.68	51.70	-0.77
	405	-12.30	9.37e-003	0.76	11.68	-9.92	0.25
326	363	16.63	-0.50	-0.50	42.57	38.64	-16.41
	404	-16.63	0.50	0.50	-42.57	-11.01	-10.90
327	364	1.14e-013	1.91e-002	8.88e-016	-4.74	0.00	-1.29
	214	-1.14e-013	-1.91e-002	-8.88e-016	4.74	0.00	2.35
328	187	1.42e-013	0.95	-4.44e-016	56.96	1.42e-014	32.05
	364	-1.42e-013	-0.95	4.44e-016	-56.96	1.42e-014	20.42
389	362	16.68	0.24	0.59	-41.44	18.55	6.71
	363	-16.68	-0.24	-0.59	41.44	-55.99	8.90
390	361	12.78	1.91e-003	0.84	11.80	9.90	-1.03
	362	-12.78	-1.91e-003	-0.84	-11.80	-63.65	1.15
391	302	-1.14e-013	0.31	4.44e-016	-55.07	1.78e-014	2.17
	187	1.14e-013	-0.31	-4.44e-016	55.07	-1.78e-015	17.42
392	213	1.42e-014	9.50e-002	-1.11e-016	6.19	8.88e-015	2.55
	302	-1.42e-014	-9.50e-002	1.11e-016	-6.19	1.42e-014	3.53
393	301	1.42e-014	0.11	-4.44e-016	13.17	-1.42e-014	2.44
	213	-1.42e-014	-0.11	4.44e-016	-13.17	-1.42e-014	4.52
394	212	4.26e-014	0.10	-4.44e-016	15.11	-1.42e-014	2.86
	301	-4.26e-014	-0.10	4.44e-016	-15.11	-1.42e-014	3.50
395	360	9.56	-1.15e-002	0.23	14.56	4.49	-1.19
	361	-9.56	1.15e-002	-0.23	-14.56	-19.44	0.45
396	359	5.51	-7.02e-003	7.04e-002	15.30	1.51	-0.65
	360	-5.51	7.02e-003	-7.04e-002	-15.30	-6.02	0.20
397	358	1.41	-9.45e-003	2.57e-002	15.59	0.26	-0.43
	359	-1.41	9.45e-003	-2.57e-002	-15.59	-1.91	-0.17
398	357	-2.70	-9.20e-003	1.78e-002	15.65	-0.61	-6.04e-002
	358	2.70	9.20e-003	-1.78e-002	-15.65	-0.53	-0.53
399	298	5.68e-014	0.10	-1.78e-015	15.61	2.84e-014	3.12
	212	-5.68e-014	-0.10	1.78e-015	-15.61	-2.84e-014	3.43
400	211	5.68e-014	0.10	-8.88e-016	15.73	-2.84e-014	3.52
	298	-5.68e-014	-0.10	8.88e-016	-15.73	-2.84e-014	3.01
401	297	5.68e-014	0.10	-8.88e-016	15.70	2.84e-014	3.65
	211	-5.68e-014	-0.10	8.88e-016	-15.70	-2.84e-014	2.75
402	210	1.28e-013	0.11	0.00	15.45	5.68e-014	4.54
	297	-1.28e-013	-0.11	0.00	-15.45	0.00	2.31
403	356	-6.79	-7.99e-003	3.55e-002	15.48	-2.42	0.26

	357	6.79	7.99e-003	-3.55e-002	-15.48	0.15	-0.77
404	355	-10.88	-1.46e-002	0.10	14.81	-7.88	0.39
	356	10.88	1.46e-002	-0.10	-14.81	1.33	-1.33
405	354	-15.05	-1.20e-002	0.29	12.71	-24.09	0.82
	355	15.05	1.20e-002	-0.29	-12.71	5.60	-1.59
406	333	-18.87	1.53e-002	0.67	7.13	-64.55	2.63
	354	18.87	-1.53e-002	-0.67	-7.13	21.66	-1.65
407	294	1.42e-013	0.11	0.00	14.42	5.68e-014	4.31
	210	-1.42e-013	-0.11	0.00	-14.42	0.00	2.55
408	181	-1.42e-014	0.42	1.78e-015	11.79	1.71e-013	18.62
	294	1.42e-014	-0.42	-1.78e-015	-11.79	1.71e-013	8.12
409	332	-18.12	-4.45e-002	-0.23	0.37	-18.74	0.82
	333	18.12	4.45e-002	0.23	-0.37	31.85	-3.32
410	331	-15.28	-2.57e-003	-0.15	-2.20	-5.37	1.09
	332	15.28	2.57e-003	0.15	2.20	13.52	-1.24
411	292	-9.95e-014	0.24	-3.55e-015	-4.46	5.68e-014	4.28
	181	9.95e-014	-0.24	3.55e-015	4.46	1.14e-013	9.20
412	209	-2.84e-014	-4.16e-002	-3.55e-015	-4.40	0.00	0.32
	292	2.84e-014	4.16e-002	3.55e-015	4.40	-1.14e-013	-2.65
413	291	-9.95e-014	-4.33e-002	-3.55e-015	-4.62	0.00	-0.34
	209	9.95e-014	4.33e-002	3.55e-015	4.62	1.14e-013	-2.09
414	208	4.26e-014	-5.37e-002	3.55e-015	-4.66	0.00	-0.49
	291	-4.26e-014	5.37e-002	-3.55e-015	4.66	0.00	-2.52
415	330	-13.50	2.36e-003	-6.46e-002	-3.75	-1.51	1.18
	331	13.50	-2.36e-003	6.46e-002	3.75	5.13	-1.05
416	329	-12.01	5.03e-003	-2.41e-002	-4.36	-0.39	1.07
	330	12.01	-5.03e-003	2.41e-002	4.36	1.74	-0.78
417	328	-10.57	3.27e-003	-9.15e-003	-4.56	8.74e-003	0.94
	329	10.57	-3.27e-003	9.15e-003	4.56	0.50	-0.76
418	327	-9.11	2.82e-003	-4.96e-003	-4.63	0.30	0.77
	328	9.11	-2.82e-003	4.96e-003	4.63	-2.60e-002	-0.61
419	288	4.26e-014	-5.10e-002	0.00	-4.64	0.00	-0.60
	208	-4.26e-014	5.10e-002	0.00	4.64	0.00	-2.25
420	207	-9.95e-014	-5.17e-002	-3.55e-015	-4.57	-1.14e-013	-0.74
	288	9.95e-014	5.17e-002	3.55e-015	4.57	0.00	-2.16
421	287	-9.95e-014	-5.35e-002	0.00	-4.35	0.00	-0.85
	207	9.95e-014	5.35e-002	0.00	4.35	1.14e-013	-2.14
422	206	4.26e-014	-5.76e-002	0.00	-3.58	0.00	-1.22
	287	-4.26e-014	5.76e-002	0.00	3.58	-2.27e-013	-2.01
423	326	-7.68	4.67e-003	-6.96e-003	-4.72	0.84	0.83
	327	7.68	-4.67e-003	6.96e-003	4.72	-0.45	-0.57
424	325	-6.43	2.77e-003	-3.23e-002	-4.99	2.67	0.38
	326	6.43	-2.77e-003	3.23e-002	4.99	-0.86	-0.22
425	324	-5.29	1.36e-002	-0.19	-4.59	10.88	1.37
	325	5.29	-1.36e-002	0.19	4.59	-0.10	-0.60
426	283	0.34	-0.59	0.21	17.62	-19.63	-20.96
	324	-0.34	0.59	-0.21	-17.62	7.90	-11.91
427	284	4.26e-014	-2.78e-002	7.11e-015	-0.47	0.00	-9.10e-002
	206	-4.26e-014	2.78e-002	-7.11e-015	0.47	0.00	-1.47
428	176	-9.95e-014	-2.29e-003	-7.11e-015	27.28	-1.14e-013	-3.11
	284	9.95e-014	2.29e-003	7.11e-015	-27.28	0.00	2.98

444	282	-12.74	-0.12	1.11	-23.00	20.21	2.68
	283	12.74	0.12	-1.11	23.00	-80.39	-9.23
445	281	-7.58	6.29e-002	0.64	7.07	10.99	2.38
	282	7.58	-6.29e-002	-0.64	-7.07	-45.64	1.02
446	280	-2.46	1.33e-003	0.18	9.27	2.24	0.51
	281	2.46	-1.33e-003	-0.18	-9.27	-12.06	-0.43
447	279	10.49	-0.14	-3.12e-002	10.92	-2.22	-4.75
	280	-10.49	0.14	3.12e-002	-10.92	3.91	-2.84
448	278	64.49	-0.83	1.48	45.68	-110.93	-35.08
	279	-64.49	0.83	-1.48	-45.68	30.95	-9.82
449	205	1.56e-013	-0.64	1.42e-014	-32.62	0.00	-12.27
	176	-1.56e-013	0.64	-1.42e-014	32.62	0.00	-22.28
450	204	1.42e-013	-0.17	7.11e-015	2.72	0.00	-6.64
	205	-1.42e-013	0.17	-7.11e-015	-2.72	0.00	-2.38
451	203	1.14e-013	0.13	0.00	8.80	0.00	10.39
	204	-1.14e-013	-0.13	0.00	-8.80	0.00	-3.26
452	202	4.26e-014	0.24	-2.13e-014	12.08	0.00	-4.34
	203	-4.26e-014	-0.24	2.13e-014	-12.08	0.00	17.52
453	175	2.84e-014	8.50	-1.42e-014	46.36	-2.27e-013	333.08
	202	-2.84e-014	-8.50	1.42e-014	-46.36	-4.55e-013	125.89
454	101	-139.22	-597.85	94.63	4.48	-17372.53	-152942.64
	201	139.22	597.85	-94.63	-4.48	-16694.61	-62282.54
455	100	1644.83	-53.34	-87.81	4.48	8863.49	-13503.52
	200	-1644.83	53.34	87.81	-4.48	22748.26	-5699.06
456	99	4295.01	-939.57	0.93	4.48	8823.67	-179345.94
	199	-4295.01	939.57	-0.93	-4.48	-9156.95	-158898.51
457	98	6437.88	627.10	-150.39	14.34	26912.29	120485.93
	198	-6437.88	-627.10	150.39	-14.34	27226.54	105269.64
458	97	742.82	39.62	54.02	4.48	-4431.53	7786.90
	197	-742.82	-39.62	-54.02	-4.48	-15017.31	6477.70
459	96	870.94	428.23	304.92	4.48	-56246.72	103318.13
	196	-870.94	-428.23	-304.92	-4.48	-53525.99	50843.59
460	95	4885.51	-265.60	-189.05	4.48	44784.94	-57832.55
	195	-4885.51	265.60	189.05	-4.48	23273.64	-37782.19
461	85	4060.45	29.16	-20.73	4.48	6656.29	6163.06
	185	-4060.45	-29.16	20.73	-4.48	805.35	4334.00
462	92	592.20	26.69	46.20	4.48	-6730.81	-1380.94
	192	-592.20	-26.69	-46.20	-4.48	-9900.08	10990.65
463	93	34.10	14.72	31.61	4.48	-2211.94	2240.83
	193	-34.10	-14.72	-31.61	-4.48	-9168.00	3059.13
464	94	4744.35	-121.59	8.52	4.48	-2311.65	-23002.06
	194	-4744.35	121.59	-8.52	-4.48	-753.97	-20770.01
465	91	5308.42	151.17	-7.12	4.48	-88.07	27839.22
	191	-5308.42	-151.17	7.12	-4.48	2653.07	26581.81
466	90	-60.97	5.80	3.35	4.48	833.35	972.99
	190	60.97	-5.80	-3.35	-4.48	-2039.20	1113.35
467	89	32.15	7.44	32.62	4.48	-5881.79	5520.50
	189	-32.15	-7.44	-32.62	-4.48	-5861.67	-2841.60
468	84	3084.10	64.51	-35.91	4.48	9883.48	9694.18
	184	-3084.10	-64.51	35.91	-4.48	3043.61	13529.75
469	83	2269.13	335.47	-260.61	4.48	57911.01	70317.03

	183	-2269.13	-335.47	260.61	-4.48	35909.19	50452.24
470	86	780.55	-224.33	259.90	4.48	-55021.08	-55508.92
	186	-780.55	224.33	-259.90	-4.48	-38541.69	-25249.45
471	87	264.05	10.51	-6.19	4.48	4998.87	1885.64
	187	-264.05	-10.51	6.19	-4.48	-2768.84	1899.41
472	88	5320.97	-96.57	-51.70	4.48	8983.95	-18898.30
	188	-5320.97	96.57	51.70	-4.48	9627.67	-15867.21
473	80	-25.36	84.81	34.09	4.48	-7574.85	19793.40
	180	25.36	-84.81	-34.09	-4.48	-4696.74	10738.70
474	81	42.54	10.00	0.39	4.48	1095.89	1684.32
	181	-42.54	-10.00	-0.39	-4.48	-1235.26	1914.73
475	82	5472.45	95.78	-16.62	4.48	2396.36	18056.60
	182	-5472.45	-95.78	16.62	-4.48	3585.42	16422.97
476	73	-479.47	175.16	66.86	4.48	-15228.38	38689.62
	173	479.47	-175.16	-66.86	-4.48	-8842.67	24369.38
477	76	237.27	19.66	-2.08	4.48	1925.17	4066.92
	176	-237.27	-19.66	2.08	-4.48	-1177.09	3010.21
478	72	436.64	-2.97	7.84	4.48	-1500.69	-1657.23
	172	-436.64	2.97	-7.84	-4.48	-1320.56	589.37
479	79	3591.96	205.71	-27.57	4.48	4656.70	39024.83
	179	-3591.96	-205.71	27.57	-4.48	5267.58	35032.24
480	75	307.08	-41.98	-28.76	4.48	7310.04	-6912.98
	175	-307.08	41.98	28.76	-4.48	3041.89	-8200.87
481	78	3095.29	-83.80	60.70	4.48	-12816.64	-16605.38
	178	-3095.29	83.80	-60.70	-4.48	-9033.93	-13560.89
482	70	-41.80	34.22	60.72	4.48	-15469.31	6901.27
	170	41.80	-34.22	-60.72	-4.48	-6388.90	5418.78
483	69	62.16	3.80	-0.60	4.48	345.90	318.43
	169	-62.16	-3.80	0.60	-4.48	-131.24	1047.91
484	66	487.48	10.84	-7.14	4.48	1768.29	1682.01
	166	-487.48	-10.84	7.14	-4.48	802.12	2219.59
485	67	-271.87	54.89	-45.02	4.48	11317.79	9398.37
	167	271.87	-54.89	45.02	-4.48	4888.67	10362.44
486	64	-95.44	1.58e-003	56.36	4.48	-14804.66	-86.22
	164	95.44	-1.58e-003	-56.36	-4.48	-5485.83	86.79
487	63	147.27	-4.19	23.09	4.48	-4507.93	-1230.12
	163	-147.27	4.19	-23.09	-4.48	-3805.18	-279.62
488	61	664.68	-86.39	-208.11	4.48	52835.30	-16895.47
	161	-664.68	86.39	208.11	-4.48	22084.65	-14205.75
489	60	1653.35	-91.34	-4.18	4.48	2380.45	-18523.40
	160	-1653.35	91.34	4.18	-4.48	-876.27	-14358.54
490	59	2755.60	216.60	-353.46	4.48	68530.94	46662.58
	159	-2755.60	-216.60	353.46	-4.48	58713.18	31312.79
491	62	3741.82	12.28	84.82	4.48	-17287.33	3979.10
	162	-3741.82	-12.28	-84.82	-4.48	-13247.54	441.76
492	65	3521.39	-49.55	-72.98	4.48	14229.02	-7472.90
	165	-3521.39	49.55	72.98	-4.48	12042.51	-10365.04
493	68	3208.40	-19.85	130.81	4.48	-25453.32	-2210.31
	168	-3208.40	19.85	-130.81	-4.48	-21638.43	-4935.07
494	71	2556.57	-64.15	5.70	4.48	-1615.70	-9903.62
	171	-2556.57	64.15	-5.70	-4.48	-435.40	-13191.40

495	74	3527.51	-80.60	-278.48	4.48	53907.37	-12990.69
	174	-3527.51	80.60	278.48	-4.48	46345.50	-16027.07
496	77	3674.61	159.49	486.42	4.48	-96287.72	31523.01
	177	-3674.61	-159.49	-486.42	-4.48	-78823.38	25894.22
497	166	-1.14e-013	100.82	0.00	325.61	0.00	17438.17
	167	1.14e-013	-100.82	0.00	-325.61	0.00	9782.32
498	165	1.14e-013	-144.31	1.78e-015	2107.37	0.00	-22375.26
	166	-1.14e-013	144.31	-1.78e-015	-2107.37	0.00	-32464.09
499	163	-5.68e-014	49.46	0.00	1035.32	-5.68e-014	10812.09
	160	5.68e-014	-49.46	0.00	-1035.32	-5.68e-014	10454.12
500	166	5.68e-014	-27.69	2.22e-016	215.49	-5.68e-014	-4698.31
	163	-5.68e-014	27.69	-2.22e-016	-215.49	0.00	-6100.10
501	169	-5.68e-014	1.34	5.55e-016	-96.73	1.14e-013	189.01
	166	5.68e-014	-1.34	-5.55e-016	96.73	8.53e-014	385.84
502	172	-1.14e-013	-32.57	1.55e-015	130.24	1.99e-013	-5055.20
	169	1.14e-013	32.57	-1.55e-015	-130.24	1.28e-013	-4715.39
503	160	-4.55e-013	732.82	3.55e-015	629.28	0.00	37893.04
	161	4.55e-013	617.18	-3.55e-015	-629.28	2.27e-013	-22281.74
504	159	1.14e-013	920.95	0.00	7336.05	-2.27e-013	50241.16
	160	-1.14e-013	979.05	0.00	-7336.05	-2.27e-013	-61279.83
505	162	-2.27e-013	2042.65	-8.88e-016	-3641.30	-2.27e-013	145306.95
	159	2.27e-013	1827.35	8.88e-016	3641.30	-3.41e-013	-99016.61
506	165	2.27e-013	1759.96	1.78e-015	-2090.36	-1.14e-013	121040.43
	162	-2.27e-013	1750.04	-1.78e-015	2090.36	-3.41e-013	-119104.76
507	168	0.00	1909.80	1.78e-015	1029.64	2.27e-013	125397.81
	165	0.00	1960.20	-1.78e-015	-1029.64	0.00	-136234.33
508	171	0.00	1311.85	4.00e-015	-2343.95	-1.14e-013	69307.86
	168	0.00	1388.15	-4.00e-015	2343.95	-2.27e-013	-80753.91
509	174	0.00	1473.16	-5.55e-016	-696.74	-3.69e-013	101463.42
	171	0.00	1226.84	5.55e-016	696.74	5.68e-014	-64515.37
510	177	0.00	2224.86	-2.22e-016	6160.44	-2.27e-013	153180.61
	174	0.00	2365.14	2.22e-016	-6160.44	-2.27e-013	-188951.36
511	164	0.00	-61.72	0.00	3804.59	0.00	-5046.05
	161	0.00	61.72	0.00	-3804.59	-2.27e-013	-21493.33
512	167	0.00	33.72	8.88e-016	3891.38	0.00	2620.41
	164	0.00	-33.72	-8.88e-016	-3891.38	-2.27e-013	10531.87
513	170	0.00	-22.33	0.00	-2347.62	-3.41e-013	-2086.40
	167	0.00	22.33	0.00	2347.62	-2.27e-013	-7517.65
514	173	-1.14e-013	19.46	-8.88e-016	3071.17	1.36e-012	-2636.58
	170	1.14e-013	-19.46	8.88e-016	-3071.17	1.71e-013	8475.30
515	176	-1.14e-013	41.21	1.33e-015	-1522.07	6.54e-013	5895.73
	173	1.14e-013	-41.21	-1.33e-015	1522.07	5.97e-013	6468.05
516	179	-5.68e-014	-51.33	-2.22e-016	2992.38	5.68e-014	-11877.95
	176	5.68e-014	51.33	2.22e-016	-2992.38	-8.53e-014	-14302.09
517	186	-3.55e-015	993.43	-9.99e-016	-3649.78	1.71e-013	59513.40
	183	3.55e-015	1006.58	9.99e-016	3649.78	-1.71e-013	-62143.78
518	187	1.07e-014	21.06	-4.55e-015	-302.45	-3.34e-013	5766.57
	186	-1.07e-014	-21.06	4.55e-015	302.45	1.14e-013	551.72
519	188	-1.07e-014	-77.84	2.22e-016	-1531.35	1.71e-013	-17372.00
	187	1.07e-014	77.84	-2.22e-016	1531.35	1.42e-013	-22328.80
520	196	0.00	923.49	1.11e-015	3822.41	0.00	35508.96

	195	0.00	1064.06	-1.11e-015	-3822.41	0.00	-63447.53
521	197	0.00	51.86	0.00	771.68	-2.27e-013	13105.00
	196	0.00	-51.86	0.00	-771.68	5.40e-013	2454.10
522	198	0.00	-138.11	1.11e-016	4249.15	-1.42e-013	-30140.40
	197	0.00	138.11	-1.11e-016	-4249.15	1.14e-013	-37536.09
523	200	0.00	237.21	9.99e-016	-3877.95	-8.17e-014	46152.87
	201	0.00	-237.21	-9.99e-016	3877.95	-1.71e-013	24421.00
524	199	1.14e-013	1069.89	6.66e-016	-15757.47	1.42e-013	59606.23
	200	-1.14e-013	1267.64	-6.66e-016	15757.47	1.71e-013	-105831.52
525	185	5.68e-014	1434.34	0.00	-1908.98	0.00	129983.71
	195	-5.68e-014	1303.16	0.00	1908.98	1.14e-013	-94075.30
526	184	-1.71e-013	1630.68	-2.22e-016	281.09	1.14e-013	179334.19
	185	1.71e-013	1419.32	2.22e-016	-281.09	1.14e-013	-114870.11
527	183	0.00	1252.26	3.33e-016	4588.48	-1.14e-013	83604.90
	184	0.00	1497.77	-3.33e-016	-4588.48	-1.14e-013	-151122.63
528	196	2.49e-014	-106.03	0.00	-5997.87	2.27e-013	-32811.68
	201	-2.49e-014	106.03	0.00	5997.87	2.27e-013	-52279.62
529	192	-4.26e-014	247.30	0.00	9612.10	0.00	53988.34
	196	4.26e-014	-247.30	0.00	-9612.10	0.00	80790.14
530	189	3.55e-014	-36.19	0.00	1590.27	0.00	7241.17
	192	-3.55e-014	36.19	0.00	-1590.27	-5.68e-014	-29317.10
531	186	-1.46e-013	-68.34	-1.11e-016	-4271.40	0.00	-27502.46
	189	1.46e-013	68.34	1.11e-016	4271.40	2.84e-014	-10082.77
532	180	6.39e-014	-3.75	5.55e-017	4487.95	0.00	-411.12
	186	-6.39e-014	3.75	-5.55e-017	-4487.95	-5.68e-014	-1988.93
533	173	2.84e-014	21.61	-2.22e-016	-208.79	-1.14e-013	953.61
	180	-2.84e-014	-21.61	2.22e-016	208.79	-1.14e-013	11149.83
534	172	3.41e-013	297.34	0.00	806.65	-9.09e-013	49936.23
	173	-3.41e-013	-297.34	0.00	-806.65	-4.55e-013	30344.86
535	171	7.82e-014	-170.62	0.00	656.20	0.00	-15779.77
	172	-7.82e-014	170.62	0.00	-656.20	4.55e-013	-49057.57
536	174	1.71e-013	-178.25	1.78e-015	14573.49	2.27e-013	-25579.40
	175	-1.71e-013	178.25	-1.78e-015	-14573.49	0.00	-42155.20
537	198	-2.84e-014	3894.35	-2.22e-016	6087.84	1.14e-013	522285.70
	199	2.84e-014	3286.00	2.22e-016	-6087.84	1.14e-013	-279609.23
538	194	-1.71e-013	2191.95	0.00	-1279.17	1.14e-013	187393.39
	198	1.71e-013	2760.56	0.00	1279.17	1.14e-013	-343839.45
539	191	5.68e-014	2856.30	-2.22e-016	1014.44	0.00	289082.53
	194	-5.68e-014	2633.70	2.22e-016	-1014.44	-1.14e-013	-221189.87
540	188	-3.41e-013	2524.54	2.22e-016	1192.33	-5.68e-014	263643.19
	191	3.41e-013	2425.51	-2.22e-016	-1192.33	-8.53e-014	-236409.66
541	182	-1.14e-013	2887.24	0.00	-1202.53	2.84e-014	295088.08
	188	1.14e-013	2872.76	0.00	1202.53	-2.84e-014	-290453.74
542	179	1.14e-013	2379.57	4.44e-016	266.78	0.00	186189.77
	182	-1.14e-013	2660.43	-4.44e-016	-266.78	0.00	-264830.63
543	178	3.41e-013	1122.20	-3.55e-015	-5774.91	0.00	93597.93
	179	-3.41e-013	1307.80	3.55e-015	5774.91	0.00	-118653.13
544	177	-1.14e-013	1530.28	-1.78e-015	-20616.54	2.27e-013	46935.24
	178	1.14e-013	1889.72	1.78e-015	20616.54	9.09e-013	-115229.86
545	66	0.00	135.50	0.00	-2221.18	1.14e-013	20747.19
	67	0.00	-135.50	0.00	2221.18	1.14e-013	15838.27

546	65	-2.84e-014	-88.26	0.00	1450.93	0.00	-15366.64
	66	2.84e-014	88.26	0.00	-1450.93	1.14e-013	-18173.68
547	63	-1.14e-013	125.18	0.00	5134.41	-4.55e-013	21731.84
	60	1.14e-013	-125.18	0.00	-5134.41	-4.55e-013	32094.88
548	66	1.14e-013	-46.22	-8.88e-016	911.60	0.00	-4797.53
	63	-1.14e-013	46.22	8.88e-016	-911.60	-1.14e-013	-13226.56
549	69	0.00	20.23	0.00	-400.05	-1.14e-013	3432.41
	66	0.00	-20.23	0.00	400.05	0.00	5267.72
550	72	0.00	-37.54	4.44e-016	-1248.87	-1.71e-013	-7353.01
	69	0.00	37.54	-4.44e-016	1248.87	-1.14e-013	-3908.13
551	60	-1.14e-013	2139.46	3.55e-015	-22653.24	0.00	128591.37
	61	1.14e-013	1451.54	-3.55e-015	22653.24	-4.55e-013	-35721.67
552	59	-1.14e-013	2336.31	8.88e-016	15186.67	0.00	97151.39
	60	1.14e-013	2717.69	-8.88e-016	-15186.67	0.00	-169615.16
553	62	1.14e-013	3044.35	8.88e-016	-10011.31	-5.68e-013	216831.64
	59	-1.14e-013	2674.65	-8.88e-016	10011.31	-4.55e-013	-137344.06
554	65	1.14e-013	2569.79	0.00	-2473.98	0.00	175563.48
	62	-1.14e-013	2617.21	0.00	2473.98	0.00	-184812.03
555	68	0.00	2812.06	-2.22e-016	939.38	0.00	181966.02
	65	0.00	2906.94	2.22e-016	-939.38	0.00	-202364.45
556	71	-1.14e-013	1822.17	-1.78e-015	-1908.77	1.71e-013	84444.33
	68	1.14e-013	2167.83	1.78e-015	1908.77	1.14e-013	-136292.26
557	74	0.00	2295.59	1.11e-016	-891.06	-4.97e-014	170572.19
	71	0.00	1694.41	-1.11e-016	891.06	-5.68e-014	-80396.05
558	77	2.27e-013	3244.20	0.00	7339.14	2.84e-014	209454.65
	74	-2.27e-013	3538.80	0.00	-7339.14	5.68e-014	-284579.28
559	64	-5.68e-014	3062.22	0.00	3555.30	-1.14e-013	218752.50
	61	5.68e-014	2656.78	0.00	-3555.30	-2.27e-013	-131582.48
560	67	0.00	2564.59	0.00	1777.94	2.27e-013	175695.27
	64	0.00	2622.41	0.00	-1777.94	2.27e-013	-186968.28
561	70	0.00	2825.01	-8.88e-016	-37.02	5.68e-014	185824.76
	67	0.00	2893.99	8.88e-016	37.02	1.14e-013	-200655.45
562	73	0.00	1647.06	-1.78e-015	11697.24	-1.14e-013	48692.02
	70	0.00	2342.94	1.78e-015	-11697.24	0.00	-153074.16
563	76	0.00	34.60	-9.99e-016	-12572.18	8.53e-014	15750.20
	73	0.00	-34.60	9.99e-016	12572.18	2.84e-014	-5369.41
564	79	-5.68e-014	-69.61	-5.55e-017	1564.55	-1.42e-014	-18015.14
	76	5.68e-014	69.61	5.55e-017	-1564.55	-7.11e-015	-17487.51
565	86	2.84e-014	2692.20	-4.44e-016	-34620.92	-1.14e-013	138546.62
	83	-2.84e-014	2627.83	4.44e-016	34620.92	-5.68e-014	-125673.86
566	87	7.99e-015	-11.56	-1.67e-016	3006.73	-9.59e-014	410.27
	86	-7.99e-015	11.56	1.67e-016	-3006.73	-2.84e-014	-3878.65
567	88	-8.88e-015	-70.38	-2.78e-017	-983.42	7.11e-015	-19261.42
	87	8.88e-015	70.38	2.78e-017	983.42	7.11e-015	-16633.50
568	96	-1.14e-013	2742.52	-2.22e-016	46039.23	-1.14e-013	156629.61
	95	1.14e-013	2544.37	2.22e-016	-46039.23	2.84e-014	-117245.38
569	97	-1.14e-013	199.51	9.99e-016	-19520.82	5.68e-014	49422.38
	96	1.14e-013	-199.51	-9.99e-016	19520.82	9.95e-014	10430.13
570	98	5.68e-014	-205.02	0.00	2523.17	-7.11e-015	-50717.20
	97	-5.68e-014	205.02	0.00	-2523.17	0.00	-49745.97
571	100	0.00	217.89	1.11e-016	58578.32	-1.36e-013	37205.63

	101	0.00	-217.89	-1.11e-016	-58578.32	-5.68e-014	27617.50
572	99	1.14e-013	-125.80	2.22e-016	-30375.87	-5.68e-014	-21801.87
	100	-1.14e-013	125.80	-2.22e-016	30375.87	-2.84e-013	-37012.09
573	85	8.53e-014	4029.30	4.44e-016	-13388.96	1.14e-013	387140.08
	95	-8.53e-014	3252.45	-4.44e-016	13388.96	0.00	-174479.27
574	84	5.68e-014	4179.53	2.22e-016	931.76	5.68e-014	450953.23
	85	-5.68e-014	3933.47	-2.22e-016	-931.76	5.68e-014	-375906.10
575	83	0.00	3223.35	1.11e-016	15573.74	-1.42e-013	165503.30
	84	0.00	4091.73	-1.11e-016	-15573.74	-1.71e-013	-404311.39
576	96	-4.26e-014	5573.28	-4.44e-016	-7242.53	0.00	646408.57
	101	4.26e-014	5100.02	4.44e-016	7242.53	1.14e-013	-456513.96
577	92	4.62e-014	-507.67	0.00	13949.64	-1.14e-013	-36958.28
	96	-4.62e-014	507.67	0.00	-13949.64	1.14e-013	-239720.68
578	89	0.00	16.78	0.00	-508.19	0.00	-9392.67
	92	0.00	-16.78	0.00	508.19	5.68e-014	19627.85
579	86	2.49e-014	347.33	-1.11e-016	-16282.19	0.00	154547.52
	89	-2.49e-014	-347.33	1.11e-016	16282.19	7.11e-014	36484.47
580	80	1.42e-014	4533.80	1.11e-016	13017.44	-1.42e-014	484398.69
	86	-1.42e-014	3978.20	-1.11e-016	-13017.44	0.00	-306607.36
581	73	4.26e-014	3323.07	0.00	-2722.68	0.00	221145.24
	80	-4.26e-014	4124.93	0.00	2722.68	1.14e-013	-445663.79
582	72	-1.71e-013	-398.13	0.00	10031.11	-4.55e-013	15240.47
	73	1.71e-013	398.13	0.00	-10031.11	-4.55e-013	-122734.70
583	71	-3.55e-014	-99.28	0.00	-400.15	0.00	-16274.88
	72	3.55e-014	99.28	0.00	400.15	0.00	-21452.97
584	97	7.11e-015	57.43	4.44e-016	1722.33	1.14e-013	10538.32
	100	-7.11e-015	-57.43	-4.44e-016	-1722.33	-1.14e-013	35404.82
585	93	-4.26e-014	1.32	0.00	-326.72	1.14e-013	4969.91
	97	4.26e-014	-1.32	0.00	326.72	2.27e-013	-4252.14
586	90	-2.84e-014	9.11	-4.44e-016	-204.32	5.68e-014	3115.20
	93	2.84e-014	-9.11	4.44e-016	204.32	0.00	2439.80
587	87	-7.11e-014	15.12	-2.22e-016	2205.31	-2.84e-014	3534.29
	90	7.11e-014	-15.12	2.22e-016	-2205.31	0.00	4780.83
588	81	0.00	10.58	1.11e-016	-1971.94	2.84e-014	3597.34
	87	0.00	-10.58	-1.11e-016	1971.94	2.84e-014	3174.41
589	76	1.42e-014	-12.50	2.22e-016	373.86	0.00	-5639.17
	81	-1.42e-014	12.50	-2.22e-016	-373.86	0.00	-1361.73
590	75	-2.84e-014	87.64	0.00	3309.12	0.00	25049.55
	76	2.84e-014	-87.64	0.00	-3309.12	0.00	-1387.25
591	74	-2.84e-014	-171.03	0.00	18052.27	4.55e-013	-28647.18
	75	2.84e-014	171.03	0.00	-18052.27	2.27e-013	-36345.37
592	98	2.84e-014	5722.21	2.22e-016	-2575.62	0.00	760742.97
	99	-2.84e-014	4888.76	-2.22e-016	2575.62	0.00	-428269.98
593	94	5.68e-014	3302.62	0.00	-2614.31	3.41e-013	293128.87
	98	-5.68e-014	4016.08	0.00	2614.31	2.27e-013	-489429.84
594	91	0.00	4189.89	0.00	235.78	0.00	423636.97
	94	0.00	3923.11	0.00	-235.78	0.00	-342270.25
595	88	0.00	3739.58	2.22e-016	2708.62	-5.68e-014	388525.31
	91	0.00	3575.49	-2.22e-016	-2708.62	-5.68e-014	-343400.72
596	82	0.00	4284.13	1.11e-016	-1544.52	5.68e-014	441515.80
	88	0.00	4227.87	-1.11e-016	1544.52	5.68e-014	-423510.16

597	79	-5.68e-014	3451.93	4.44e-016	681.16	1.71e-013	257639.80
	82	5.68e-014	3996.07	-4.44e-016	-681.16	0.00	-409999.94
598	78	0.00	1571.99	0.00	-10489.79	0.00	127216.72
	79	0.00	2019.01	0.00	10489.79	0.00	-187565.12
599	77	5.68e-014	2281.95	0.00	-35066.86	-2.27e-013	64247.10
	78	-5.68e-014	2772.05	0.00	35066.86	0.00	-157367.76
648	122	0.00	-1.29	-1.20e-014	145.13	5.68e-014	-46.94
	47	0.00	1.29	1.20e-014	-145.13	2.84e-013	-117.15
649	121	0.00	-0.30	-1.60e-014	224.41	-5.68e-014	31.83
	122	0.00	0.30	1.60e-014	-224.41	1.14e-013	-69.29
650	120	0.00	-1.43	-7.11e-015	583.32	3.41e-013	-91.48
	121	0.00	1.43	7.11e-015	-583.32	5.68e-013	-89.44
651	48	-5.68e-014	-15.06	-1.07e-014	2303.74	2.27e-013	-469.67
	120	5.68e-014	15.06	1.07e-014	-2303.74	4.55e-013	-1441.56
652	119	0.00	1.16	2.49e-014	21.87	-6.82e-013	55.22
	46	0.00	-1.16	-2.49e-014	-21.87	-2.96e-012	31.97
653	118	-1.14e-013	0.48	2.84e-014	-20.04	-1.71e-012	44.79
	119	1.14e-013	-0.48	-2.84e-014	20.04	1.14e-013	-9.10
654	117	1.14e-013	2.37e-002	-7.11e-015	-14.44	1.25e-012	22.01
	118	-1.14e-013	-2.37e-002	7.11e-015	14.44	-5.68e-013	-20.23
655	47	1.14e-013	-0.60	1.54e-014	-58.11	-2.56e-013	4.52
	117	-1.14e-013	0.60	-1.54e-014	58.11	-2.43e-012	-49.37
656	116	-1.14e-013	29.00	-2.13e-014	-2610.24	-1.36e-012	1867.87
	41	1.14e-013	-29.00	2.13e-014	2610.24	0.00	1014.37
657	115	0.00	2.17	1.42e-014	-817.34	-1.59e-012	174.38
	116	0.00	-2.17	-1.42e-014	817.34	-1.82e-012	40.98
658	114	0.00	1.25	-7.11e-015	-405.69	-2.05e-012	117.25
	115	0.00	-1.25	7.11e-015	405.69	-4.55e-013	7.03
659	46	1.14e-013	2.79	1.78e-014	-263.85	-1.82e-012	200.77
	114	-1.14e-013	-2.79	-1.78e-014	263.85	-6.82e-013	76.26
660	113	8881.23	552.67	-600.89	-13420.76	10205.65	-50979.54
	48	-8881.23	-552.67	600.89	13420.76	46878.47	103483.38
661	112	6177.31	209.00	-145.79	3888.84	2397.61	-19146.04
	113	-6177.31	-209.00	145.79	-3888.84	11452.66	39001.23
662	111	5522.47	153.87	78.29	7207.59	-13666.40	1791.11
	112	-5522.47	-153.87	-78.29	-7207.59	6228.43	12826.20
663	5	5884.86	245.25	-191.37	2647.27	17607.79	31845.65
	111	-5884.86	-245.25	191.37	-2647.27	572.63	-8547.33
664	110	56.51	-53.90	-27.81	-969.19	1195.00	427.52
	47	-56.51	53.90	27.81	969.19	1447.11	-5547.68
665	109	300.87	-14.96	-25.74	-288.03	1047.33	-1463.76
	110	-300.87	14.96	25.74	288.03	1398.17	42.76
666	108	673.63	-2.70	-21.76	563.12	307.57	-2319.91
	109	-673.63	2.70	21.76	-563.12	1759.65	2063.17
667	4	1452.88	-19.83	-234.94	1186.32	10439.30	-4751.28
	108	-1452.88	19.83	234.94	-1186.32	11880.05	2867.22
668	107	-17.21	-73.23	15.41	2510.68	-1057.75	-715.68
	46	17.21	73.23	-15.41	-2510.68	-406.30	-6241.56
669	106	257.37	-16.45	40.79	810.85	-1510.56	-2882.32
	107	-257.37	16.45	-40.79	-810.85	-2364.50	1319.93
670	105	705.47	3.82	45.66	-947.44	-1455.63	-2901.61

	106	-705.47	-3.82	-45.66	947.44	-2882.15	3264.14
671	3	1661.83	-5.22	256.28	-1881.88	-11569.25	-3337.60
	105	-1661.83	5.22	-256.28	1881.88	-12777.63	2841.42
672	104	7977.30	661.40	509.19	14513.42	-8530.91	-43864.44
	41	-7977.30	-661.40	-509.19	-14513.42	-39841.86	106697.19
673	103	5271.62	211.13	112.54	-4361.28	-1198.88	-18345.48
	104	-5271.62	-211.13	-112.54	4361.28	-9492.77	38402.54
674	102	4515.28	150.41	-60.71	-7124.68	9573.32	1303.45
	103	-4515.28	-150.41	60.71	7124.68	-3805.73	12985.08
675	1	4833.94	260.96	205.08	-2704.52	-15894.28	30421.31
	102	-4833.94	-260.96	-205.08	2704.52	-3588.33	-5630.37
676	54	-1.78e-015	8.79	1.11e-016	-27.08	8.53e-014	1396.05
	57	1.78e-015	-8.79	-1.11e-016	27.08	2.84e-014	5635.06
677	50	7.11e-015	-42.57	1.39e-017	622.34	4.97e-014	-2953.91
	54	-7.11e-015	42.57	-1.39e-017	-622.34	4.26e-014	-20247.48
678	47	-1.67e-013	-6.44	0.00	210.73	5.68e-014	-4453.84
	50	1.67e-013	6.44	0.00	-210.73	5.68e-014	526.28
679	53	1.42e-014	5501.66	1.67e-016	-1733.49	2.84e-014	708129.76
	58	-1.42e-014	5171.65	-1.67e-016	1733.49	1.42e-014	-575713.22
680	49	1.14e-013	-483.32	-2.08e-016	9461.11	7.82e-014	-49654.71
	53	-1.14e-013	483.32	2.08e-016	-9461.11	0.00	-213753.50
681	46	-8.53e-014	33.23	2.22e-016	239.83	5.68e-014	1749.65
	49	8.53e-014	-33.23	-2.22e-016	-239.83	0.00	18523.41
682	42	-1.71e-013	4056.24	-2.78e-017	-11148.15	0.00	413822.85
	52	1.71e-013	3225.51	2.78e-017	11148.15	7.11e-014	-186411.81
683	41	-5.68e-014	3819.96	0.00	-4989.32	0.00	286778.40
	42	5.68e-014	4293.04	0.00	4989.32	0.00	-431064.93
684	53	0.00	2741.90	1.78e-015	50837.01	4.55e-013	148836.60
	52	0.00	2544.99	-1.78e-015	-50837.01	-1.71e-013	-109699.86
685	54	2.84e-014	197.65	1.11e-015	-40141.33	2.27e-013	55428.43
	53	-2.84e-014	-197.65	-1.11e-015	40141.33	2.84e-014	3867.50
686	55	-4.26e-014	-180.64	1.11e-016	13766.81	-2.84e-014	-41196.38
	54	4.26e-014	180.64	-1.11e-016	-13766.81	-2.84e-013	-47321.63
687	57	2.27e-013	260.90	-6.66e-016	75022.17	-3.41e-013	46331.12
	58	-2.27e-013	-260.90	6.66e-016	-75022.17	-2.84e-014	31289.47
688	56	0.00	-111.65	6.66e-016	-48679.95	2.84e-013	-18392.82
	57	0.00	111.65	-6.66e-016	48679.95	2.84e-013	-33805.23
689	55	-1.42e-014	5556.52	2.78e-017	-213.86	-2.84e-014	742036.02
	56	1.42e-014	5054.45	-2.78e-017	213.86	-2.84e-014	-541754.67
690	51	-5.68e-014	3359.35	-3.05e-016	-1857.66	1.99e-013	318587.81
	55	5.68e-014	3959.35	3.05e-016	1857.66	1.85e-013	-483672.46
691	48	5.68e-014	3923.36	0.00	5195.69	0.00	305186.76
	51	-5.68e-014	4189.64	0.00	-5195.69	0.00	-386400.29
692	34	9200.75	110.33	331.01	40.97	-37751.82	13229.92
	77	-9200.75	-110.33	-331.01	-40.97	-78100.07	25384.95
693	31	9190.87	-29.73	-179.65	40.97	20830.27	-2978.53
	74	-9190.87	29.73	179.65	-40.97	42047.45	-7426.29
694	28	5973.87	-21.27	7.70	40.97	-662.40	-2091.54
	71	-5973.87	21.27	-7.70	-40.97	-2032.42	-5353.55
695	25	8188.29	-1.58	85.00	40.97	-9530.61	84.12
	68	-8188.29	1.58	-85.00	-40.97	-20220.45	-637.85

696	22	8909.85	-18.42	-48.21	40.97	5751.01	-1966.66
	65	-8909.85	18.42	48.21	-40.97	11121.02	-4480.37
697	19	9403.38	15.29	61.68	40.97	-6854.66	1792.10
	62	-9403.38	-15.29	-61.68	-40.97	-14732.29	3558.22
698	16	7766.55	171.70	-228.86	40.97	26476.01	19616.16
	59	-7766.55	-171.70	228.86	-40.97	53626.45	40477.51
699	35	7439.33	-55.14	49.49	40.97	-5562.25	-5752.05
	78	-7439.33	55.14	-49.49	-40.97	-11760.43	-13545.66
700	32	565.75	-16.79	-32.08	40.97	3796.23	-1494.59
	75	-565.75	16.79	32.08	-40.97	7433.11	-4382.83
701	29	100.26	-12.57	6.21	40.97	-597.24	-1093.38
	72	-100.26	12.57	-6.21	-40.97	-1577.56	-3306.40
702	26	119.93	-3.83	-1.04	40.97	235.26	-174.01
	69	-119.93	3.83	1.04	-40.97	129.82	-1167.25
703	23	644.80	-1.16	-6.58	40.97	870.97	13.05
	66	-644.80	1.16	6.58	-40.97	1433.63	-420.15
704	20	318.66	-12.56	16.50	40.97	-1777.09	-1402.02
	63	-318.66	12.56	-16.50	-40.97	-3997.35	-2992.69
705	17	6385.33	-74.15	-14.79	40.97	1812.47	-8587.44
	60	-6385.33	74.15	14.79	-40.97	3364.58	-17365.98
706	36	8993.28	127.76	-9.47	40.97	1127.27	15229.18
	79	-8993.28	-127.76	9.47	-40.97	2187.49	29485.29
707	33	241.35	14.77	-11.85	40.97	1400.27	2126.33
	76	-241.35	-14.77	11.85	-40.97	2747.41	3043.40
708	30	4854.18	152.16	65.03	40.97	-7419.08	17804.38
	73	-4854.18	-152.16	-65.03	-40.97	-15340.44	35451.51
709	27	5126.15	21.67	73.28	40.97	-8365.42	2751.62
	70	-5126.15	-21.67	-73.28	-40.97	-17281.30	4832.99
710	24	5051.22	20.28	-48.72	40.97	5629.49	2472.95
	67	-5051.22	-20.28	48.72	-40.97	11421.21	4624.94
711	21	5589.18	-7.02	71.99	40.97	-8218.30	-767.41
	64	-5589.18	7.02	-71.99	-40.97	-16979.57	-1691.14
712	18	4773.00	-65.25	-238.59	40.97	27411.22	-7565.91
	61	-4773.00	65.25	238.59	-40.97	56093.94	-15270.91
713	39	13752.65	59.64	1.21	40.97	-253.35	7415.13
	82	-13752.65	-59.64	-1.21	-40.97	-170.69	13459.26
714	38	65.62	4.18	-4.83	40.97	439.32	911.21
	81	-65.62	-4.18	4.83	-40.97	1249.91	551.29
715	37	8633.36	81.99	35.19	40.97	-4151.38	9754.35
	80	-8633.36	-81.99	-35.19	-40.97	-8165.27	18941.50
716	45	13218.04	-61.83	-16.86	40.97	1642.42	-6519.40
	88	-13218.04	61.83	16.86	-40.97	4258.36	-15119.44
717	44	327.41	5.38	-28.71	40.97	3002.16	1048.52
	87	-327.41	-5.38	28.71	-40.97	7047.10	832.90
718	43	7809.84	-248.96	215.23	40.97	-24982.44	-28211.31
	86	-7809.84	248.96	-215.23	-40.97	-50347.26	-58923.27
719	40	8120.31	258.72	-223.77	40.97	25379.59	29918.33
	83	-8120.31	-258.72	223.77	-40.97	52941.54	60634.43
720	48	13073.80	361.43	-50.74	-13.75	13638.73	74088.14
	91	-13073.80	-361.43	50.74	13.75	4121.78	52412.89
721	47	-66.98	46.05	-6.50	-22.02	698.76	9195.38

	90	66.98	-46.05	6.50	22.02	1576.28	6923.05
722	46	-298.41	111.00	46.92	-22.02	-6529.75	17278.23
	89	298.41	-111.00	-46.92	22.02	-9892.21	21571.31
723	41	11355.35	295.67	18.65	-13.75	-9448.41	66602.89
	84	-11355.35	-295.67	-18.65	13.75	2920.59	36881.05
724	51	11970.08	-156.86	18.74	-13.75	-2398.55	-28697.95
	94	-11970.08	156.86	-18.74	13.75	-4161.70	-26204.45
725	50	26.31	27.61	-7.86	-22.02	417.50	4495.23
	93	-26.31	-27.61	7.86	22.02	2334.33	5168.88
726	49	67.76	-85.18	39.90	-22.02	-6237.70	-13863.17
	92	-67.76	85.18	-39.90	22.02	-7727.02	-15949.48
727	42	12023.22	12.61	-34.90	-13.75	4551.81	-659.00
	85	-12023.22	-12.61	34.90	13.75	7664.42	5070.92
728	55	15971.16	868.60	-114.01	-44.00	22002.68	155254.70
	98	-15971.16	-868.60	114.01	44.00	17900.09	148756.13
729	54	1203.45	129.10	-3.76	-22.02	-1362.40	24133.54
	97	-1203.45	-129.10	3.76	22.02	2677.74	21050.72
730	53	9494.89	1318.95	469.30	-22.02	-76362.27	222862.33
	96	-9494.89	-1318.95	-469.30	22.02	-87893.62	238769.99
731	52	10682.33	-391.86	-321.32	-13.75	53101.98	-65804.71
	95	-10682.33	391.86	321.32	13.75	59358.72	-71345.77
732	56	9057.97	-1296.11	-118.84	-13.75	19273.76	-235302.68
	99	-9057.97	1296.11	118.84	13.75	22318.91	-218334.32
733	57	1931.09	-252.65	38.31	-22.02	-5745.06	-48893.23
	100	-1931.09	252.65	-38.31	22.02	-7663.72	-39532.78
734	58	4742.92	-1401.96	100.60	-13.75	-16795.13	-245947.12
	101	-4742.92	1401.96	-100.60	13.75	-18416.41	-244738.22
735	15	9653.67	-1002.49	72.04	80.74	-9983.52	-126469.89
	58	-9653.67	1002.49	-72.04	-80.74	-17389.79	-254475.46
736	14	2294.85	-277.43	34.10	123.06	-5780.13	-36824.47
	57	-2294.85	277.43	-34.10	-123.06	-7176.85	-68600.38
737	13	14000.76	-1012.68	-50.47	80.74	5255.85	-127352.93
	56	-14000.76	1012.68	50.47	-80.74	13923.24	-257464.92
738	9	16452.83	-283.35	-176.63	80.74	21351.67	-37213.11
	52	-16452.83	283.35	176.63	-80.74	45767.27	-70461.01
739	10	18024.11	697.96	250.65	123.06	-31990.67	83762.31
	53	-18024.11	-697.96	-250.65	-123.06	-63258.01	181463.81
740	11	1633.11	34.92	28.04	123.06	-4416.48	1865.26
	54	-1633.11	-34.92	-28.04	-123.06	-6237.92	11405.30
741	12	25306.39	344.74	-34.70	161.29	1041.79	41340.41
	55	-25306.39	-344.74	34.70	-161.29	12144.01	89659.58
742	2	20372.49	-72.57	-4.94	80.74	269.12	-10991.91
	42	-20372.49	72.57	4.94	-80.74	1607.03	-16583.08
743	6	-448.80	-74.46	13.02	80.74	-1965.02	-11028.16
	49	448.80	74.46	-13.02	-80.74	-2983.58	-17268.13
744	7	-9.82	-33.40	4.59	80.74	-916.49	-5769.08
	50	9.82	33.40	-4.59	-80.74	-829.12	-6922.86
745	8	19519.07	-158.74	4.01	80.74	-844.31	-21106.36
	51	-19519.07	158.74	-4.01	-80.74	-680.79	-39216.60

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-1.70e-003	-5.74e-002	5.22e-002	-23.98	4.70	1.24

	472	1.21e-002	0.15	0.13	-10.02	-23.93	-6.41
	473	-8.33e-002	0.15	4.52e-002	12.75	11.34	-5.23
	382	-0.10	-6.36e-002	-2.96e-002	-71.23	-25.30	2.42
105	378	4.16e-003	-1.97e-002	1.07e-002	-10.04	3.83	6.69
	467	6.93e-003	2.30e-002	-6.87e-003	-3.01	-5.03e-002	3.36
	472	3.51e-003	2.27e-002	4.20e-002	-6.07	-4.95	-2.82
	381	7.38e-004	-1.99e-002	5.95e-002	-18.47	-1.46	0.51
106	377	3.01e-003	-1.08e-002	1.78e-002	-3.47	1.44	11.60
	466	2.68e-003	-1.60e-002	6.13e-003	-0.90	1.45	10.03
	467	4.40e-003	-1.59e-002	-4.12e-003	-0.65	-2.82	6.45
	378	4.74e-003	-1.07e-002	7.57e-003	-9.08	1.49	8.01
107	374	5.56e-004	-2.03e-002	7.92e-003	-1.04	0.53	12.80
	465	-9.43e-005	-3.03e-002	6.52e-004	-0.24	0.74	12.29
	466	1.76e-003	-3.02e-002	4.46e-003	0.12	-0.64	11.05
	377	2.41e-003	-2.02e-002	1.17e-002	-3.10	1.04	11.56
108	373	8.62e-004	-2.82e-002	9.23e-003	-0.29	0.20	13.06
	464	-7.99e-005	-4.27e-002	3.29e-003	-6.49e-002	0.29	12.91
	465	-9.02e-004	-4.27e-002	2.08e-003	8.08e-002	-2.45e-002	12.56
	374	3.92e-005	-2.82e-002	8.02e-003	-0.91	0.48	12.71
109	370	9.20e-004	-3.68e-002	8.67e-003	-7.05e-002	8.13e-002	13.10
	459	-2.79e-004	-5.53e-002	2.56e-003	-1.76e-002	0.11	13.06
	464	-9.01e-004	-5.53e-002	2.94e-003	2.81e-002	6.47e-002	12.98
	373	2.97e-004	-3.69e-002	9.05e-003	-0.24	0.19	13.02
110	369	1.09e-003	-4.52e-002	8.86e-003	-9.82e-003	3.60e-002	13.10
	458	-3.90e-004	-6.79e-002	2.79e-003	-5.12e-003	4.91e-002	13.09
	459	-1.10e-003	-6.80e-002	2.67e-003	8.32e-003	4.81e-002	13.08
	370	3.75e-004	-4.52e-002	8.74e-003	-5.76e-002	7.64e-002	13.09
111	366	1.21e-003	-5.36e-002	8.81e-003	1.47e-002	2.76e-002	13.09
	457	-5.37e-004	-8.06e-002	2.71e-003	-2.54e-003	4.38e-002	13.08
	458	-1.21e-003	-8.06e-002	2.75e-003	2.81e-003	2.96e-002	13.09
	369	5.37e-004	-5.36e-002	8.84e-003	-5.91e-003	3.47e-002	13.09
112	365	1.36e-003	-6.20e-002	8.81e-003	4.45e-002	5.20e-002	13.05
	456	-6.62e-004	-9.32e-002	2.74e-003	-3.87e-003	8.99e-002	13.05
	457	-1.36e-003	-9.32e-002	2.74e-003	2.25e-003	2.91e-002	13.08
	366	6.65e-004	-6.21e-002	8.82e-003	1.56e-002	3.15e-002	13.08
113	303	1.49e-003	-7.04e-002	8.86e-003	0.11	0.14	12.97
	453	-8.17e-004	-0.11	2.76e-003	-1.02e-002	0.24	12.96
	456	-1.49e-003	-0.11	2.69e-003	3.76e-003	6.05e-002	13.03
	365	8.17e-004	-7.04e-002	8.79e-003	4.33e-002	6.73e-002	13.04
114	300	1.92e-003	-7.89e-002	8.58e-003	0.26	0.40	12.76
	452	-6.50e-004	-0.12	2.65e-003	-3.57e-002	0.65	12.74
	453	-1.64e-003	-0.12	2.93e-003	4.47e-003	0.17	12.92
	303	9.31e-004	-7.89e-002	8.85e-003	0.10	0.19	12.94
115	299	2.18e-003	-8.72e-002	8.58e-003	0.64	1.04	12.19
	451	-6.40e-004	-0.13	2.86e-003	-0.16	1.83	12.14
	452	-1.45e-003	-0.13	2.22e-003	-1.35e-002	0.45	12.66
	300	1.38e-003	-8.73e-002	7.94e-003	0.24	0.58	12.70
116	296	6.79e-003	-0.10	2.67e-003	2.05	2.36	10.46
	450	4.10e-003	-0.14	-1.55e-003	-0.58	5.36	10.27
	451	-1.24e-003	-0.14	3.34e-003	-0.12	9.99e-001	11.95
	299	1.45e-003	-0.10	7.56e-003	0.67	1.87	12.13
117	295	9.38e-003	-0.12	-1.87e-003	9.92	5.61	5.28
	449	7.86e-003	-0.14	5.91e-003	2.54	17.32	2.75
	450	4.15e-003	-0.14	-2.65e-004	0.12	1.23	8.69
	296	5.67e-003	-0.12	-8.04e-003	3.07	5.31	11.22
118	245	-0.26	-0.11	3.48e-002	-24.96	31.43	9.19
	255	-0.27	-0.20	0.10	151.37	36.89	-18.22

	449	5.02e-003	-0.18	9.14e-002	12.59	-8.32	-23.12
	295	1.07e-002	-0.10	2.44e-002	19.43	-7.02	4.29
119	290	5.17e-002	-8.13e-002	2.05e-002	-37.96	20.98	14.67
	381	5.35e-002	-5.38e-002	1.87e-002	-32.21	4.04	4.07
	382	-0.11	-6.43e-002	6.85e-003	-13.19	-27.50	1.36
	293	-0.11	-9.18e-002	8.67e-003	-97.82	-46.52	11.96
120	289	2.32e-003	-3.93e-002	1.06e-002	-14.11	4.87	16.80
	378	3.59e-003	-1.97e-002	2.06e-002	-13.27	6.29	7.61
	381	5.60e-002	-1.63e-002	2.61e-002	-27.54	-2.16	4.46
	290	5.47e-002	-3.59e-002	1.60e-002	-30.32	3.43	13.65
121	286	1.05e-003	-7.71e-003	8.69e-003	-4.17	1.70	14.78
	377	8.41e-004	-1.10e-002	1.75e-002	-4.28	1.87	11.74
	378	4.17e-003	-1.08e-002	1.75e-002	-8.28	2.17	11.02
	289	4.39e-003	-7.49e-003	8.64e-003	-9.91	3.26	14.06
122	285	1.37e-004	-1.08e-002	1.25e-002	-1.19	0.64	13.72
	374	-4.84e-004	-2.04e-002	1.14e-002	-1.26	0.60	12.81
	377	2.35e-004	-2.03e-002	1.14e-002	-2.49	1.30	12.78
	286	8.56e-004	-1.08e-002	1.26e-002	-2.83	1.29	13.69
123	265	7.67e-004	-1.40e-002	1.22e-002	-0.33	0.23	13.32
	373	-1.61e-004	-2.83e-002	1.14e-002	-0.35	0.22	13.06
	374	-1.00e-003	-2.83e-002	1.15e-002	-0.73	0.54	13.10
	285	-7.21e-005	-1.40e-002	1.23e-002	-0.77	0.46	13.37
124	264	7.80e-004	-1.84e-002	1.24e-002	-8.54e-002	7.82e-002	13.18
	370	-4.23e-004	-3.69e-002	1.13e-002	-8.72e-002	8.16e-002	13.10
	373	-7.25e-004	-3.69e-002	1.12e-002	-0.20	0.20	13.13
	265	4.77e-004	-1.84e-002	1.24e-002	-0.20	0.16	13.21
125	263	9.55e-004	-2.26e-002	1.24e-002	-1.53e-002	2.84e-002	13.12
	369	-5.22e-004	-4.53e-002	1.13e-002	-1.63e-002	3.37e-002	13.10
	370	-9.68e-004	-4.53e-002	1.13e-002	-5.14e-002	7.55e-002	13.12
	264	5.09e-004	-2.26e-002	1.24e-002	-4.30e-002	5.80e-002	13.14
126	262	1.08e-003	-2.68e-002	1.24e-002	1.21e-002	1.67e-002	13.10
	366	-6.76e-004	-5.37e-002	1.13e-002	6.11e-003	2.29e-002	13.09
	369	-1.07e-003	-5.38e-002	1.13e-002	-5.32e-003	3.21e-002	13.10
	263	6.79e-004	-2.68e-002	1.24e-002	-2.35e-003	2.21e-002	13.11
127	261	1.23e-003	-3.10e-002	1.24e-002	4.23e-002	2.84e-002	13.07
	365	-7.96e-004	-6.22e-002	1.13e-002	2.31e-002	4.06e-002	13.06
	366	-1.23e-003	-6.22e-002	1.13e-002	1.79e-002	2.74e-002	13.08
	262	8.00e-004	-3.10e-002	1.24e-002	1.45e-002	1.41e-002	13.09
128	260	1.31e-003	-3.51e-002	1.23e-002	0.11	7.99e-002	13.02
	303	-9.88e-004	-7.06e-002	1.12e-002	5.30e-002	0.11	13.00
	365	-1.34e-003	-7.06e-002	1.13e-002	5.11e-002	5.80e-002	13.05
	261	9.58e-004	-3.52e-002	1.25e-002	3.63e-002	2.62e-002	13.07
129	259	1.74e-003	-3.95e-002	1.26e-002	0.24	0.24	12.87
	300	-8.32e-004	-7.90e-002	1.15e-002	0.11	0.32	12.83
	303	-1.54e-003	-7.91e-002	1.12e-002	0.12	0.17	12.95
	260	1.03e-003	-3.95e-002	1.22e-002	7.82e-002	7.55e-002	12.99
130	258	2.38e-003	-4.39e-002	1.22e-002	0.42	0.77	12.50
	299	-4.45e-004	-8.74e-002	1.00e-002	0.26	0.83	12.44
	300	-1.38e-003	-8.75e-002	1.09e-002	0.28	0.53	12.71
	259	1.45e-003	-4.39e-002	1.31e-002	0.14	0.21	12.77
131	257	4.19e-003	-5.32e-002	1.41e-002	7.68e-002	2.51	11.84
	296	1.24e-003	-0.10	1.05e-002	0.92	1.75	11.80
	299	-1.18e-003	-0.10	8.98e-003	0.68	1.77	12.09
	258	1.77e-003	-5.33e-002	1.25e-002	7.22e-002	0.52	12.12
132	256	-4.38e-002	-6.24e-002	2.56e-002	-1.76	7.57	11.71
	295	-4.75e-002	-0.12	-2.29e-003	3.21	2.88	11.68
	296	1.19e-004	-0.12	-1.76e-004	2.13	5.74	10.97

	257	3.79e-003	-5.93e-002	2.77e-002	-0.98	1.51	11.00
133	235	-0.20	-3.45e-002	2.43e-002	-85.16	-14.85	5.57
	245	-0.21	-0.11	3.31e-002	88.48	29.22	5.14
	295	-4.62e-002	-0.10	2.40e-002	6.59	-9.63	6.84
	256	-4.13e-002	-2.40e-002	1.52e-002	-4.91	20.04	7.26
134	471	7.76e-003	5.04e-004	-0.13	-15.72	13.45	49.25
	290	2.23e-003	-8.46e-002	-3.31e-002	-42.37	21.65	20.11
	293	-0.11	-9.16e-002	6.94e-002	-37.45	-43.88	9.25
	200	-0.10	-6.51e-003	-2.51e-002	-121.95	-24.28	38.39
135	470	3.60e-003	2.34e-004	1.12e-002	-3.66	1.88	22.84
	289	1.03e-003	-3.94e-002	2.02e-002	-11.74	3.72	17.08
	290	5.18e-003	-3.92e-002	-3.76e-002	-27.03	4.53	23.76
	471	7.76e-003	5.04e-004	-4.66e-002	-7.23	-1.16	29.53
136	229	1.68e-003	1.09e-004	6.09e-003	-1.16	0.52	16.31
	286	1.17e-003	-7.70e-003	6.89e-003	-3.33	1.21	14.68
	289	3.10e-003	-7.57e-003	1.83e-002	-9.36	3.27	17.92
	470	3.60e-003	2.34e-004	1.75e-002	-0.32	0.16	19.55
137	469	3.71e-004	2.41e-005	1.66e-002	-0.37	0.16	14.15
	285	-3.34e-004	-1.08e-002	1.51e-002	-0.93	0.48	13.68
	286	9.73e-004	-1.07e-002	1.08e-002	-3.01	1.17	14.84
	229	1.68e-003	1.09e-004	1.23e-002	0.21	0.12	15.31
138	468	5.62e-004	3.65e-005	1.40e-002	-0.11	4.99e-002	13.45
	265	-3.52e-004	-1.40e-002	1.35e-002	-0.25	0.18	13.31
	285	-5.43e-004	-1.40e-002	1.48e-002	-0.91	0.39	13.70
	469	3.71e-004	2.41e-005	1.53e-002	0.11	4.94e-002	13.84
139	228	6.50e-004	4.23e-005	1.48e-002	-3.36e-002	1.60e-002	13.21
	264	-5.55e-004	-1.85e-002	1.41e-002	-6.37e-002	6.07e-002	13.17
	265	-6.43e-004	-1.85e-002	1.37e-002	-0.27	0.13	13.30
	468	5.62e-004	3.65e-005	1.44e-002	4.36e-002	1.91e-002	13.34
140	463	8.13e-004	5.28e-005	1.46e-002	-8.59e-003	5.48e-003	13.13
	263	-6.63e-004	-2.27e-002	1.39e-002	-1.18e-002	2.16e-002	13.12
	264	-8.25e-004	-2.27e-002	1.40e-002	-7.32e-002	4.52e-002	13.17
	228	6.50e-004	4.23e-005	1.47e-002	1.70e-002	7.27e-003	13.18
141	462	9.40e-004	6.11e-005	1.46e-002	1.11e-003	3.15e-003	13.11
	262	-8.12e-004	-2.69e-002	1.39e-002	5.07e-003	1.15e-002	13.10
	263	-9.39e-004	-2.69e-002	1.39e-002	-1.47e-002	1.66e-002	13.12
	463	8.13e-004	5.28e-005	1.46e-002	6.95e-003	2.77e-003	13.12
142	227	1.09e-003	7.08e-005	1.47e-002	1.08e-002	5.35e-003	13.08
	261	-9.37e-004	-3.11e-002	1.40e-002	1.70e-002	1.80e-002	13.08
	262	-1.09e-003	-3.11e-002	1.39e-002	9.20e-003	1.04e-002	13.09
	462	9.40e-004	6.11e-005	1.46e-002	3.64e-003	1.40e-003	13.10
143	461	1.21e-003	7.88e-005	1.44e-002	3.37e-002	1.46e-002	13.04
	260	-1.09e-003	-3.53e-002	1.37e-002	3.25e-002	5.18e-002	13.03
	261	-1.21e-003	-3.53e-002	1.40e-002	3.40e-002	1.94e-002	13.07
	227	1.09e-003	7.08e-005	1.48e-002	2.69e-003	2.29e-003	13.07
144	460	1.49e-003	9.71e-005	1.52e-002	0.10	4.33e-002	12.89
	259	-1.09e-003	-3.97e-002	1.46e-002	3.80e-002	0.17	12.87
	260	-1.37e-003	-3.97e-002	1.36e-002	8.11e-002	5.48e-002	12.99
	461	1.21e-003	7.88e-005	1.43e-002	-1.30e-004	7.62e-003	13.01
145	226	2.06e-003	1.34e-004	1.39e-002	0.30	0.13	12.39
	258	-8.13e-004	-4.41e-002	1.26e-002	-8.28e-002	0.57	12.38
	259	-1.38e-003	-4.41e-002	1.51e-002	0.16	0.15	12.78
	460	1.49e-003	9.71e-005	1.64e-002	-1.77e-002	2.65e-002	12.80
146	455	6.77e-003	4.40e-004	2.42e-002	0.73	0.38	10.65
	257	3.28e-003	-5.32e-002	2.39e-002	-1.08	2.04	10.80
	258	-1.43e-003	-5.35e-002	1.29e-002	0.17	0.32	12.21
	226	2.06e-003	1.34e-004	1.32e-002	-0.13	0.12	12.05

147	454	1.64e-002	1.07e-003	-3.56e-003	0.23	0.42	4.15
	256	1.25e-002	-5.88e-002	1.24e-002	-10.47	5.49	6.60
	257	2.88e-003	-5.94e-002	3.76e-002	-1.27	1.66	11.32
	455	6.77e-003	4.40e-004	2.16e-002	-1.23	0.83	8.86
148	197	-0.23	-1.47e-002	-9.37e-002	-146.46	-21.58	-16.47
	235	-0.23	-3.61e-002	4.02e-002	27.34	-17.12	9.58
	256	1.50e-002	-2.03e-002	2.00e-003	-16.54	17.08	5.73
	454	1.64e-002	1.07e-003	-0.13	-13.39	15.82	-20.32
149	244	2.68e-002	-8.49e-002	-5.10e-002	17.96	-10.73	-0.67
	254	1.76e-002	-0.23	-0.17	12.95	-9.37	26.23
	255	-0.27	-0.24	-0.12	147.51	24.97	19.00
	245	-0.26	-0.10	-5.32e-003	-22.79	25.48	-7.90
150	243	1.94e-003	-0.10	-1.72e-002	2.64	4.11	-5.77
	253	7.47e-004	-0.12	-1.73e-003	9.96e-003	0.26	-3.53
	254	2.48e-002	-0.12	-2.78e-002	2.64	13.37	1.34
	244	2.60e-002	-0.10	-4.32e-002	8.25	3.40	-0.90
151	242	-3.25e-004	-5.21e-002	-4.09e-002	0.51	1.44	-6.37
	252	-1.51e-003	-7.04e-002	-1.46e-002	-0.15	0.57	-6.21
	253	3.78e-003	-7.00e-002	-2.45e-003	-0.49	4.02	-4.87
	243	4.97e-003	-5.17e-002	-2.87e-002	1.58	1.49	-5.03
152	241	-1.08e-003	-1.15e-002	-3.76e-002	0.15	0.43	-6.76
	251	-1.40e-003	-1.66e-002	-1.08e-002	-2.59e-002	0.27	-6.72
	252	2.00e-003	-1.63e-002	-1.43e-002	-0.14	1.33	-6.35
	242	2.32e-003	-1.13e-002	-4.11e-002	0.45	0.70	-6.38
153	240	-2.04e-003	2.72e-002	-4.01e-002	-2.87e-003	0.13	-6.89
	250	-1.15e-003	4.08e-002	-1.27e-002	6.11e-003	5.62e-002	-6.87
	251	2.34e-003	4.10e-002	-1.13e-002	-3.44e-002	0.47	-6.77
	241	1.46e-003	2.74e-002	-3.86e-002	0.15	0.27	-6.80
154	239	-2.68e-003	6.56e-002	-3.92e-002	-0.20	2.91e-002	-6.85
	249	-5.23e-004	0.10	-1.17e-002	2.50e-002	-0.14	-6.81
	250	2.62e-003	0.10	-1.24e-002	-1.94e-002	0.18	-6.87
	240	4.69e-004	6.58e-002	-4.00e-002	-4.67e-003	8.35e-002	-6.91
155	238	-3.60e-003	0.10	-3.98e-002	-0.72	-9.12e-002	-6.52
	248	-2.16e-004	0.16	-1.28e-002	5.09e-002	-0.58	-6.41
	249	3.24e-003	0.16	-1.21e-002	-4.14e-002	8.18e-002	-6.75
	239	-1.40e-004	0.10	-3.91e-002	-0.22	-1.02e-002	-6.85
156	237	-3.27e-003	0.14	-3.84e-002	-2.04	-0.58	-5.50
	247	1.41e-003	0.21	-1.09e-002	-3.24e-002	-1.82	-5.20
	248	3.53e-003	0.21	-1.19e-002	-0.14	-3.24e-002	-6.17
	238	-1.15e-003	0.14	-3.94e-002	-0.76	-0.12	-6.48
157	236	-1.04e-002	0.18	-3.76e-002	-4.09	-2.70	-3.09
	246	-4.85e-003	0.27	-1.08e-002	-0.88	-4.61	-2.49
	247	5.01e-003	0.27	-1.19e-002	-0.46	-0.92	-4.48
	237	-5.09e-004	0.18	-3.87e-002	-2.11	-0.42	-5.08
158	433	4.91e-002	0.22	-3.62e-002	-9.83	-10.19	-0.69
	443	5.56e-002	0.32	-1.16e-002	0.58	-7.78	0.13
	246	-1.73e-003	0.32	-1.23e-002	-1.22	-6.68	-1.45
	236	-8.22e-003	0.22	-3.69e-002	-4.76	-3.01	-2.27
159	234	-3.88e-002	-4.47e-002	-5.15e-002	-4.53	17.65	-3.38
	244	-4.17e-002	-8.93e-002	-6.42e-002	5.71	-12.58	-2.93
	245	-0.21	-0.10	-7.01e-003	86.70	24.52	-3.29
	235	-0.20	-5.55e-002	5.71e-003	-83.87	-16.97	-3.73
160	233	2.26e-003	-5.67e-002	-5.84e-002	-1.01	0.89	-5.59
	243	-4.56e-004	-0.10	-3.05e-002	1.77	4.47	-5.55
	244	-4.24e-002	-0.10	-5.64e-002	3.74	1.35	-6.79
	234	-3.97e-002	-5.95e-002	-8.43e-002	-2.71	6.03	-6.84
161	232	5.28e-004	-3.05e-002	-5.97e-002	-2.59e-002	0.30	-6.35

	242	-8.78e-004	-5.21e-002	-5.20e-002	0.49	1.38	-6.32
	243	2.58e-003	-5.19e-002	-4.21e-002	0.76	1.04	-6.25
	233	3.98e-003	-3.03e-002	-4.97e-002	-0.14	1.93	-6.28
162	231	-6.03e-004	-5.97e-003	-5.45e-002	5.97e-002	0.14	-6.81
	241	-9.65e-004	-1.15e-002	-4.89e-002	0.18	0.40	-6.77
	242	1.77e-003	-1.14e-002	-5.22e-002	0.16	0.55	-6.60
	232	2.13e-003	-5.79e-003	-5.78e-002	0.26	0.57	-6.64
163	230	-1.45e-003	1.34e-002	-5.59e-002	-1.30e-002	6.02e-002	-6.97
	240	-5.52e-004	2.73e-002	-5.12e-002	3.35e-002	0.13	-6.93
	241	1.57e-003	2.74e-002	-4.99e-002	3.87e-002	0.21	-6.85
	231	6.66e-004	1.36e-002	-5.45e-002	0.14	0.18	-6.89
164	477	-1.91e-003	3.28e-002	-5.48e-002	-0.18	4.27e-002	-7.01
	239	2.29e-004	6.57e-002	-5.00e-002	-0.12	5.70e-002	-6.94
	240	1.95e-003	6.59e-002	-5.11e-002	-6.18e-002	6.98e-002	-6.93
	230	-1.88e-004	3.29e-002	-5.59e-002	-8.20e-003	7.47e-002	-7.00
165	476	-2.92e-003	5.21e-002	-5.67e-002	-0.67	7.20e-002	-6.97
	238	4.95e-004	0.10	-5.22e-002	-0.47	1.53e-002	-6.78
	239	2.76e-003	0.10	-4.99e-002	-0.29	8.32e-003	-6.87
	477	-6.50e-004	5.22e-002	-5.44e-002	-0.23	6.61e-002	-7.06
166	475	-3.60e-003	7.17e-002	-5.19e-002	-2.20	0.12	-6.69
	237	9.80e-004	0.14	-4.53e-002	-1.51	-0.28	-6.11
	238	2.94e-003	0.14	-5.18e-002	-0.94	-1.25e-002	-6.52
	476	-1.64e-003	7.18e-002	-5.84e-002	-0.84	0.11	-7.10
167	474	-1.44e-002	0.10	-6.39e-002	-6.70	-0.67	-5.59
	236	-8.70e-003	0.18	-6.23e-002	-4.75	-2.34	-3.87
	237	3.74e-003	0.18	-4.56e-002	-2.77	0.12	-5.29
	475	-1.98e-003	0.10	-4.72e-002	-2.75	0.28	-7.02
168	423	2.03e-002	0.12	-1.48e-002	-17.74	-12.96	-2.54
	433	2.67e-002	0.22	-2.29e-002	-3.58	-10.23	-0.67
	236	-6.54e-003	0.22	-6.16e-002	-6.44	-2.31	-2.91
	474	-1.30e-002	0.12	-5.35e-002	-7.17	2.52	-4.77
169	448	-9.38e-004	-6.10e-005	-1.81e-002	-13.12	14.90	23.55
	234	-3.69e-003	-4.24e-002	-5.23e-002	-15.96	15.66	-2.13
	235	-0.23	-5.71e-002	2.16e-002	26.13	-18.47	-7.47
	197	-0.23	-1.47e-002	5.59e-002	-144.94	-21.33	18.20
170	225	7.79e-003	5.06e-004	-6.07e-002	-1.03	0.65	-3.78
	233	4.07e-003	-5.66e-002	-7.31e-002	-1.31	1.03	-5.88
	234	-4.65e-003	-5.72e-002	-8.51e-002	-9.25	4.55	-2.05
	448	-9.38e-004	-6.10e-005	-7.28e-002	0.15	0.33	4.97e-002
171	447	1.09e-003	7.09e-005	-6.89e-002	-9.37e-002	7.40e-002	-6.29
	232	-9.00e-004	-3.06e-002	-6.56e-002	6.11e-002	0.15	-6.42
	233	5.80e-003	-3.01e-002	-6.44e-002	-0.97	1.62	-5.33
	225	7.79e-003	5.06e-004	-6.77e-002	0.63	0.30	-5.20
172	224	-9.19e-005	-5.97e-006	-6.58e-002	-1.22e-002	1.71e-002	-6.84
	231	-4.79e-004	-5.96e-003	-6.18e-002	8.53e-002	9.10e-002	-6.83
	232	7.05e-004	-5.88e-003	-6.37e-002	-0.10	0.43	-6.52
	447	1.09e-003	7.09e-005	-6.78e-002	0.23	0.10	-6.53
173	446	-7.63e-004	-4.96e-005	-6.60e-002	-1.82e-004	5.14e-003	-7.01
	230	1.20e-004	1.35e-002	-6.28e-002	-3.49e-003	4.67e-002	-6.99
	231	7.91e-004	1.36e-002	-6.18e-002	-4.48e-003	0.13	-6.89
	224	-9.19e-005	-5.97e-006	-6.50e-002	6.94e-002	3.32e-002	-6.91
174	223	-1.31e-003	-8.51e-005	-6.48e-002	-2.02e-004	7.53e-004	-7.11
	477	8.37e-004	3.29e-002	-6.15e-002	-0.16	4.53e-002	-7.07
	230	1.38e-003	3.30e-002	-6.28e-002	-4.78e-002	5.15e-002	-7.01
	446	-7.63e-004	-4.96e-005	-6.62e-002	4.63e-003	1.66e-002	-7.04
175	445	-2.44e-003	-1.59e-004	-6.76e-002	-1.87e-002	-4.80e-003	-7.28
	476	9.71e-004	5.23e-002	-6.44e-002	-0.55	0.10	-7.18

477	2.10e-003	5.24e-002	-6.11e-002	-0.21	4.69e-002	-7.05	
223	-1.31e-003	-8.51e-005	-6.44e-002	-5.38e-002	2.31e-002	-7.15	
176	222	-3.03e-003	-1.97e-004	-6.07e-002	-0.21	-4.24e-002	-7.72
475	1.66e-003	7.20e-002	-5.73e-002	-1.68	0.28	-7.42	
476	2.25e-003	7.20e-002	-6.60e-002	-0.71	6.34e-002	-7.09	
445	-2.44e-003	-1.59e-004	-6.94e-002	-0.19	6.63e-002	-7.39	
177	444	7.41e-003	4.81e-004	-8.77e-002	-1.91	-0.42	-8.60
474	1.37e-002	0.10	-8.12e-002	-4.70	-4.79e-003	-7.53	
475	3.29e-003	0.10	-5.26e-002	-2.40	0.20	-7.06	
222	-3.03e-003	-1.97e-004	-5.91e-002	-0.60	0.27	-8.13	
178	193	-5.79e-003	-3.76e-004	-5.10e-002	-25.92	-5.63	-7.69
423	1.96e-003	0.12	1.10e-002	-8.58	-12.08	-1.32	
474	1.52e-002	0.12	-7.09e-002	-8.71	3.62	-5.81	
444	7.41e-003	4.81e-004	-0.13	-3.11	2.54	-12.18	
229	432	-1.59e-002	0.20	3.35e-002	-3.41	3.42	-5.25
442	-4.39e-003	0.38	8.29e-002	-2.26	-3.99	-5.72	
443	5.94e-002	0.38	4.88e-002	7.64	11.46	-3.16	
433	4.79e-002	0.20	-5.42e-004	-14.32	-0.59	-2.68	
230	431	-3.46e-003	0.19	1.62e-002	-1.34	1.59	-5.37
441	3.08e-003	0.30	4.30e-003	-0.62	0.55	-5.83	
442	-9.61e-003	0.29	2.19e-002	-0.89	2.55	-5.96	
432	-1.62e-002	0.19	3.38e-002	-2.66	1.50	-5.50	
231	430	-1.04e-003	0.17	2.73e-002	-0.39	0.45	-4.99
440	4.39e-003	0.25	8.53e-003	-0.12	0.48	-5.17	
441	2.72e-004	0.25	3.17e-003	-0.10	0.59	-5.44	
431	-5.16e-003	0.17	2.19e-002	-1.05	0.87	-5.25	
232	429	-1.28e-003	0.14	2.43e-002	-9.07e-002	0.12	-4.96
439	3.33e-003	0.21	6.16e-003	-1.81e-002	0.17	-5.00	
440	1.81e-003	0.21	7.81e-003	2.35e-002	0.23	-5.08	
430	-2.81e-003	0.14	2.60e-002	-0.26	0.35	-5.04	
233	428	-7.69e-004	0.12	2.51e-002	-3.36e-002	2.39e-002	-4.96
438	2.99e-003	0.17	7.34e-003	4.17e-004	2.16e-002	-4.96	
439	7.31e-004	0.17	6.72e-003	1.25e-002	0.10	-4.99	
429	-3.03e-003	0.11	2.45e-002	-5.02e-002	0.12	-4.98	
234	427	-3.56e-004	8.84e-002	2.47e-002	-6.84e-002	-3.51e-002	-4.92
437	2.53e-003	0.13	6.87e-003	1.12e-002	-0.10	-4.92	
438	3.74e-004	0.13	7.24e-003	7.15e-003	3.69e-002	-4.96	
428	-2.51e-003	8.82e-002	2.51e-002	-2.29e-002	1.70e-002	-4.97	
235	426	-1.37e-004	6.17e-002	2.53e-002	-0.21	-0.16	-4.79
436	1.88e-003	9.28e-002	7.35e-003	3.28e-002	-0.36	-4.76	
437	-8.00e-005	9.26e-002	6.77e-003	1.35e-002	-3.45e-003	-4.89	
427	-2.10e-003	6.16e-002	2.47e-002	-6.63e-002	-5.99e-002	-4.92	
236	425	5.68e-004	3.51e-002	2.42e-002	-0.63	-0.59	-4.37
435	1.71e-003	5.27e-002	5.92e-003	6.67e-002	-1.13	-4.29	
436	-7.35e-004	5.25e-002	7.45e-003	3.22e-002	-9.32e-002	-4.68	
426	-1.88e-003	3.49e-002	2.58e-002	-0.21	-0.22	-4.75	
237	424	2.27e-003	9.09e-003	2.88e-002	-1.47	-2.14	-3.23
434	2.39e-003	1.10e-002	1.17e-002	8.38e-003	-3.33	-3.04	
435	-1.01e-003	1.07e-002	6.35e-003	6.67e-002	-0.52	-4.02	
425	-1.14e-003	8.87e-003	2.35e-002	-0.55	-0.66	-4.21	
238	403	3.20e-003	-1.41e-002	1.75e-002	-1.59	-6.87	-0.82
413	1.72e-003	-3.69e-002	7.42e-003	-0.86	-8.72	-0.61	
434	-7.32e-004	-3.71e-002	1.80e-002	0.17	-2.49	-2.37	
424	7.50e-004	-1.43e-002	2.82e-002	-1.14	-2.33	-2.57	
239	422	2.14e-002	8.20e-002	4.55e-002	-6.34	6.89	-2.81
432	2.91e-002	0.20	3.45e-002	-4.90	3.42	-4.92	
433	2.55e-002	0.20	1.28e-002	0.23	-2.31	-3.68	

	423	1.78e-002	8.17e-002	2.38e-002	-20.70	-8.74	-1.57
240	421	-1.65e-003	9.13e-002	3.66e-002	-2.22	1.12	-3.84
	431	5.11e-003	0.20	2.49e-002	-1.81	1.83	-5.22
	432	2.88e-002	0.20	3.48e-002	-4.56	1.02	-5.10
	422	2.21e-002	9.29e-002	4.64e-002	-4.61	1.55	-3.72
241	420	-2.17e-003	8.54e-002	3.43e-002	-0.53	0.23	-4.62
	430	3.27e-003	0.17	3.36e-002	-0.46	0.46	-4.96
	431	3.40e-003	0.17	3.07e-002	-1.18	0.88	-4.86
	421	-2.04e-003	8.54e-002	3.14e-002	-0.98	0.99	-4.52
242	419	-1.82e-003	7.06e-002	3.37e-002	-0.11	6.46e-002	-4.88
	429	2.82e-003	0.14	3.14e-002	-0.10	0.11	-4.95
	430	1.50e-003	0.14	3.22e-002	-0.27	0.36	-4.89
	420	-3.14e-003	7.05e-002	3.45e-002	-0.17	0.34	-4.82
243	418	-1.21e-003	5.75e-002	3.40e-002	-3.70e-002	1.52e-002	-4.96
	428	2.55e-003	0.12	3.19e-002	-1.94e-002	2.52e-002	-4.97
	429	1.08e-003	0.12	3.16e-002	-5.92e-002	0.11	-4.94
	419	-2.68e-003	5.74e-002	3.37e-002	-1.85e-002	0.10	-4.93
244	417	-7.61e-004	4.41e-002	3.39e-002	-6.65e-002	-1.34e-002	-4.96
	427	2.13e-003	8.85e-002	3.16e-002	-2.16e-002	-1.83e-002	-4.95
	428	8.04e-004	8.85e-002	3.18e-002	-3.34e-002	1.55e-002	-4.96
	418	-2.08e-003	4.40e-002	3.40e-002	-1.11e-002	2.10e-002	-4.97
245	416	-2.96e-004	3.09e-002	3.42e-002	-0.21	-6.78e-002	-4.89
	426	1.72e-003	6.18e-002	3.20e-002	-6.96e-002	-0.10	-4.86
	427	3.84e-004	6.18e-002	3.16e-002	-8.05e-002	-5.51e-002	-4.92
	417	-1.63e-003	3.08e-002	3.38e-002	-5.32e-002	-1.83e-002	-4.96
246	415	-3.28e-004	1.74e-002	3.29e-002	-0.66	-0.25	-4.64
	425	8.23e-004	3.51e-002	3.13e-002	-0.21	-0.42	-4.53
	426	-2.45e-005	3.51e-002	3.25e-002	-0.24	-0.19	-4.77
	416	-1.18e-003	1.74e-002	3.41e-002	-0.18	-9.16e-002	-4.88
247	414	-4.64e-003	6.57e-003	3.71e-002	-2.06	-1.04	-3.77
	424	-4.50e-003	8.65e-003	3.47e-002	-0.57	-1.71	-3.43
	425	-8.82e-004	8.88e-003	3.06e-002	-0.68	-0.54	-4.25
	415	-1.02e-003	6.80e-003	3.30e-002	-0.56	-0.30	-4.59
248	393	9.35e-003	-5.95e-004	3.07e-002	-3.48	-5.05	-0.95
	403	8.50e-003	-1.38e-002	2.32e-002	-1.21	-6.17	-0.58
	424	-6.02e-003	-1.47e-002	3.40e-002	-1.49	-1.87	-2.68
	414	-5.17e-003	-1.54e-003	4.15e-002	-1.27	-0.56	-3.04
249	383	-5.74e-003	-3.73e-004	-2.52e-002	-3.56	2.74	3.88
	422	-4.85e-004	8.05e-002	3.06e-002	-7.01	6.44	-1.99
	423	-5.29e-004	8.05e-002	4.97e-002	-6.05	-8.58	-3.15
	193	-5.79e-003	-3.76e-004	-6.22e-003	-27.76	-4.64	2.71
250	221	-4.97e-003	-3.23e-004	4.00e-002	-0.60	0.28	-2.96
	421	1.00e-003	9.15e-002	4.60e-002	-1.71	0.77	-3.71
	422	2.24e-004	9.14e-002	3.15e-002	-4.57	1.44	-1.93
	383	-5.74e-003	-3.73e-004	2.56e-002	-0.49	9.02e-002	-1.18
251	380	-2.56e-003	-1.66e-004	3.92e-002	-0.16	6.40e-002	-4.42
	420	3.02e-003	8.58e-002	3.73e-002	-0.40	0.15	-4.61
	421	6.18e-004	8.56e-002	4.08e-002	-1.49	0.83	-3.86
	221	-4.97e-003	-3.23e-004	4.27e-002	0.28	0.13	-3.68
252	220	-1.99e-003	-1.30e-004	4.18e-002	-4.21e-002	1.44e-002	-4.84
	419	2.62e-003	7.09e-002	3.83e-002	-7.76e-002	4.33e-002	-4.88
	420	2.05e-003	7.08e-002	3.76e-002	-0.40	0.27	-4.65
	380	-2.56e-003	-1.66e-004	4.10e-002	0.15	5.29e-002	-4.61
253	379	-1.66e-003	-1.08e-004	4.09e-002	-1.36e-002	2.40e-003	-4.96
	418	2.10e-003	5.78e-002	3.82e-002	-1.84e-002	1.23e-002	-4.96
	419	1.77e-003	5.77e-002	3.83e-002	-0.10	7.37e-002	-4.90
	220	-1.99e-003	-1.30e-004	4.11e-002	5.33e-002	1.66e-002	-4.89

254	219	-1.25e-003	-8.14e-005	4.10e-002	-1.58e-002	-3.35e-003	-4.98
	417	1.63e-003	4.43e-002	3.82e-002	-2.61e-002	-4.94e-003	-4.97
	418	1.23e-003	4.43e-002	3.82e-002	-3.82e-002	1.45e-002	-4.96
	379	-1.66e-003	-1.08e-004	4.10e-002	1.42e-002	4.76e-003	-4.97
255	376	-8.09e-004	-5.25e-005	4.12e-002	-5.05e-002	-1.45e-002	-4.95
	416	1.21e-003	3.10e-002	3.83e-002	-7.48e-002	-3.31e-002	-4.93
	417	7.65e-004	3.10e-002	3.81e-002	-5.99e-002	-1.55e-002	-4.96
	219	-1.25e-003	-8.14e-005	4.11e-002	-1.98e-003	7.12e-004	-4.97
256	218	-4.96e-004	-3.22e-005	4.07e-002	-0.20	-5.33e-002	-4.82
	415	6.42e-004	1.75e-002	3.80e-002	-0.19	-0.13	-4.77
	416	3.29e-004	1.75e-002	3.82e-002	-0.18	-7.58e-002	-4.88
	376	-8.09e-004	-5.25e-005	4.09e-002	-1.61e-002	-2.46e-003	-4.93
257	375	9.12e-004	5.93e-005	3.84e-002	-0.80	-0.21	-4.24
	414	1.36e-003	6.96e-003	3.67e-002	-0.34	-0.57	-4.10
	415	-4.75e-005	6.87e-003	3.81e-002	-0.54	-0.26	-4.59
	218	-4.96e-004	-3.22e-005	3.98e-002	-3.42e-002	-9.76e-003	-4.74
258	190	2.07e-002	1.34e-003	2.85e-002	-5.24	-1.41	-1.91
	393	2.06e-002	1.35e-004	4.03e-002	-2.21	-4.21	-0.62
	414	8.34e-004	-1.15e-003	4.11e-002	-1.85	6.93e-002	-3.15
	375	9.12e-004	5.93e-005	2.93e-002	-0.43	0.25	-4.43
259	402	2.89e-003	-3.70e-002	2.12e-003	-1.28	-2.72	1.95
	412	1.39e-003	-6.00e-002	-7.10e-004	-4.44e-002	-3.05	1.87
	413	2.13e-004	-6.01e-002	1.86e-003	-0.33	-8.17	0.30
	403	1.71e-003	-3.71e-002	4.69e-003	-1.83	-6.55	0.38
260	401	-1.49e-004	-3.99e-002	-6.52e-004	-0.64	-0.81	3.47
	411	-1.53e-003	-6.12e-002	4.10e-004	-5.76e-002	-0.83	3.32
	412	1.33e-003	-6.10e-002	-4.35e-005	-6.43e-002	-3.34	2.38
	402	2.71e-003	-3.97e-002	-1.11e-003	-1.40	-2.21	2.53
261	400	7.04e-004	-4.02e-002	1.87e-004	-0.26	-0.27	4.08
	410	-6.48e-004	-6.10e-002	2.52e-004	-2.28e-002	-0.22	3.99
	411	-1.52e-003	-6.10e-002	4.40e-004	3.12e-002	-1.23	3.58
	401	-1.70e-004	-4.02e-002	3.75e-004	-0.69	-0.68	3.66
262	399	6.93e-004	-4.10e-002	5.04e-004	-8.88e-002	-7.44e-002	4.27
	409	-6.38e-004	-6.15e-002	1.05e-004	-8.04e-003	-3.83e-002	4.24
	410	-6.83e-004	-6.15e-002	-6.91e-005	2.34e-002	-0.42	4.09
	400	6.48e-004	-4.10e-002	3.29e-004	-0.27	-0.21	4.12
263	398	6.84e-004	-4.13e-002	4.02e-004	-1.77e-002	2.28e-002	4.32
	408	-6.70e-004	-6.21e-002	1.17e-004	-4.17e-003	5.56e-002	4.31
	409	-6.79e-004	-6.21e-002	1.81e-004	9.41e-003	-0.12	4.27
	399	6.75e-004	-4.13e-002	4.65e-004	-9.01e-002	-4.34e-002	4.28
264	397	7.79e-004	-4.18e-002	3.38e-004	8.21e-003	0.14	4.30
	407	-5.81e-004	-6.27e-002	1.15e-004	-7.61e-003	0.19	4.30
	408	-7.10e-004	-6.27e-002	2.07e-004	-1.06e-003	1.62e-002	4.31
	398	6.50e-004	-4.18e-002	4.29e-004	-2.25e-002	4.90e-002	4.31
265	396	5.29e-004	-4.21e-002	6.17e-004	-1.06e-002	0.38	4.20
	406	-8.46e-004	-6.32e-002	1.59e-004	-4.57e-002	0.54	4.21
	407	-6.13e-004	-6.32e-002	-2.90e-004	-2.57e-002	0.16	4.29
	397	7.63e-004	-4.21e-002	1.67e-004	-6.30e-003	0.21	4.27
266	395	2.83e-003	-4.36e-002	-1.62e-003	3.47e-002	0.80	3.86
	405	1.58e-003	-6.29e-002	-1.57e-003	-0.25	1.57	3.90
	406	-8.32e-004	-6.30e-002	8.95e-004	-0.13	0.37	4.23
	396	4.21e-004	-4.37e-002	8.44e-004	-2.08e-002	0.72	4.18
267	394	2.92e-003	-4.50e-002	3.33e-004	2.03	1.51	2.59
	404	1.86e-003	-6.14e-002	5.58e-003	0.51	5.47	1.96
	405	1.68e-003	-6.14e-002	-1.24e-003	-0.25	0.20	3.59
	395	2.74e-003	-4.50e-002	-6.49e-003	0.37	2.08	4.22
268	353	-7.62e-002	-4.04e-002	3.84e-003	-12.25	9.23	4.65

	363	-7.94e-002	-8.83e-002	3.73e-002	59.04	12.67	-5.74
	404	4.43e-004	-8.31e-002	4.31e-002	4.46	-5.22	-7.76
	394	3.56e-003	-3.52e-002	9.63e-003	5.55	-3.61	2.63
269	392	4.78e-003	-2.25e-002	3.50e-003	-1.50	-0.78	2.40
	402	3.84e-003	-3.70e-002	-1.08e-003	-1.66	-2.30	2.14
	403	7.00e-003	-3.68e-002	1.03e-002	-0.77	-5.87	0.21
	393	7.94e-003	-2.23e-002	1.49e-002	-3.77	-4.97	0.47
270	391	5.96e-004	-2.05e-002	4.22e-003	-0.67	-0.33	3.92
	401	-6.65e-004	-3.99e-002	9.17e-004	-0.81	-0.64	3.54
	402	3.67e-003	-3.96e-002	-4.30e-003	-0.86	-1.83	2.72
	392	4.93e-003	-2.02e-002	-1.01e-003	-2.01	-1.09	3.10
271	390	7.19e-004	-2.01e-002	-1.87e-004	-0.24	-9.30e-002	4.24
	400	-5.89e-004	-4.02e-002	-1.06e-004	-0.32	-0.22	4.10
	401	-6.86e-004	-4.02e-002	1.94e-003	-0.36	-0.52	3.83
	391	6.21e-004	-2.01e-002	1.86e-003	-0.73	-0.31	3.98
272	389	6.55e-004	-2.04e-002	8.82e-004	-7.89e-002	-1.47e-002	4.33
	399	-6.89e-004	-4.11e-002	7.66e-004	-0.11	-6.26e-002	4.28
	400	-6.46e-004	-4.11e-002	3.62e-005	-0.14	-0.14	4.20
	390	6.98e-004	-2.04e-002	1.52e-004	-0.26	-9.37e-002	4.26
273	388	6.63e-004	-2.06e-002	4.36e-004	-1.17e-002	2.74e-002	4.34
	398	-6.86e-004	-4.14e-002	3.81e-004	-4.03e-002	1.95e-002	4.32
	399	-7.07e-004	-4.14e-002	7.28e-004	-4.31e-002	-2.47e-002	4.31
	389	6.42e-004	-2.06e-002	7.83e-004	-8.73e-002	-1.88e-002	4.33
274	387	8.30e-004	-2.09e-002	7.84e-004	1.39e-002	0.11	4.30
	397	-5.33e-004	-4.19e-002	8.10e-004	-3.10e-002	0.12	4.30
	398	-7.19e-004	-4.19e-002	4.09e-004	-4.77e-003	5.01e-002	4.33
	388	6.44e-004	-2.09e-002	3.82e-004	-3.10e-002	2.55e-002	4.33
275	386	7.81e-004	-2.10e-002	1.48e-004	-5.80e-002	0.34	4.17
	396	-5.91e-004	-4.21e-002	-2.84e-004	-0.10	0.33	4.20
	397	-5.49e-004	-4.21e-002	6.40e-004	-3.40e-003	0.20	4.28
	387	8.22e-004	-2.10e-002	1.07e-003	-5.27e-002	9.48e-002	4.24
276	385	8.16e-004	-2.29e-002	1.79e-003	-0.67	1.07	3.96
	395	-5.43e-004	-4.38e-002	2.22e-003	-0.27	0.65	4.14
	396	-6.99e-004	-4.38e-002	-5.71e-005	-7.28e-002	0.72	4.16
	386	6.60e-004	-2.29e-002	-4.87e-004	-0.29	0.24	3.97
277	384	-2.33e-002	-2.08e-002	4.58e-003	-3.28	2.82	4.07
	394	-2.49e-002	-4.68e-002	-7.18e-003	-0.43	0.61	4.71
	395	-6.37e-004	-4.53e-002	-2.65e-003	-0.19	2.37	4.07
	385	1.06e-003	-1.92e-002	9.12e-003	-1.40	0.76	3.44
278	343	-5.86e-002	-2.97e-003	1.89e-002	-39.28	-10.17	2.63
	353	-6.09e-002	-3.94e-002	1.40e-002	32.45	8.05	3.20
	394	-2.43e-002	-3.70e-002	2.12e-003	7.83e-002	-4.14	3.30
	384	-2.19e-002	-5.89e-004	7.10e-003	-4.55	8.98	2.73
279	372	-5.37e-003	-3.49e-004	-2.72e-002	-0.48	0.35	3.95
	392	-6.86e-003	-2.33e-002	1.47e-003	-2.07	-0.11	2.58
	393	1.92e-002	-2.16e-002	2.45e-002	-1.82	-4.19	0.17
	190	2.07e-002	1.34e-003	-4.16e-003	-5.70	-1.53	1.54
280	217	4.00e-004	2.60e-005	2.67e-003	-6.54e-002	2.23e-003	4.13
	391	-9.41e-004	-2.06e-002	4.78e-003	-0.65	-0.26	3.92
	392	-6.71e-003	-2.10e-002	-3.04e-003	-0.70	-0.63	3.46
	372	-5.37e-003	-3.49e-004	-5.14e-003	-0.75	-0.24	3.67
281	371	7.28e-004	4.73e-005	-2.52e-004	-2.62e-002	-6.72e-004	4.31
	390	-5.87e-004	-2.02e-002	-2.72e-004	-0.23	-7.41e-002	4.24
	391	-9.15e-004	-2.02e-002	2.42e-003	-0.32	-0.17	4.13
	217	4.00e-004	2.60e-005	2.44e-003	-0.18	-6.43e-002	4.20
282	216	6.46e-004	4.20e-005	1.11e-003	-7.15e-003	2.24e-003	4.36
	389	-6.90e-004	-2.05e-002	1.05e-003	-8.21e-002	-1.22e-002	4.33

	390	-6.08e-004	-2.05e-002	6.67e-005	-0.13	-4.94e-002	4.31
	371	7.28e-004	4.73e-005	1.21e-004	-5.24e-002	-2.01e-002	4.33
283	368	6.74e-004	4.38e-005	4.33e-004	9.69e-003	6.18e-003	4.35
	388	-6.75e-004	-2.07e-002	3.83e-004	-3.77e-002	1.89e-002	4.34
	389	-7.02e-004	-2.07e-002	9.55e-004	-4.38e-002	-7.30e-003	4.35
	216	6.46e-004	4.20e-005	1.01e-003	-1.81e-002	-5.17e-003	4.36
284	215	7.32e-004	4.76e-005	1.20e-003	4.16e-002	1.76e-002	4.27
	387	-6.36e-004	-2.10e-002	1.20e-003	-6.22e-002	7.73e-002	4.27
	388	-6.95e-004	-2.10e-002	3.29e-004	-1.09e-002	2.07e-002	4.34
	368	6.74e-004	4.38e-005	3.31e-004	-1.25e-002	2.89e-003	4.34
285	367	6.57e-004	4.27e-005	-3.59e-004	0.13	5.32e-002	4.01
	386	-7.19e-004	-2.11e-002	-7.42e-004	-0.24	0.27	4.04
	387	-6.44e-004	-2.11e-002	1.49e-003	-2.08e-002	6.48e-002	4.25
	215	7.32e-004	4.76e-005	1.87e-003	-3.06e-002	1.60e-002	4.23
286	214	2.49e-003	1.62e-004	5.69e-003	0.28	0.15	3.14
	385	9.90e-004	-2.29e-002	6.10e-003	-1.05	0.93	3.30
	386	-8.40e-004	-2.30e-002	-1.38e-003	-0.19	0.14	4.00
	367	6.57e-004	4.27e-005	-1.79e-003	-0.12	6.34e-002	3.84
287	364	1.09e-002	7.08e-004	-1.76e-002	-0.41	0.10	0.21
	384	9.64e-003	-1.86e-002	-8.92e-003	-5.52	2.29	1.41
	385	1.23e-003	-1.92e-002	1.34e-002	-1.32	0.68	3.52
	214	2.49e-003	1.62e-004	4.71e-003	-0.67	0.39	2.31
288	187	-6.75e-002	-4.38e-003	-4.05e-002	-66.57	-10.27	-8.03
	343	-6.74e-002	-3.54e-003	4.27e-002	6.04	-10.98	4.57
	384	1.09e-002	1.55e-003	-6.41e-003	-9.42	8.42	1.83
	364	1.09e-002	7.08e-004	-8.96e-002	-6.55	6.90	-10.78
329	352	1.09e-002	-5.26e-002	-8.60e-003	4.23	-2.11	-1.64
	362	8.94e-003	-8.28e-002	-2.77e-002	4.28	-3.07	7.43
	363	-7.94e-002	-8.86e-002	-2.58e-002	59.17	13.08	6.33
	353	-7.74e-002	-5.83e-002	-6.72e-003	-13.56	8.66	-2.74
330	351	6.21e-004	-4.91e-002	-8.16e-003	0.20	2.23	-3.61
	361	-3.42e-004	-6.39e-002	-3.59e-003	-0.69	0.33	-3.47
	362	1.02e-002	-6.32e-002	-3.00e-003	1.83e-002	6.45	-1.71
	352	1.12e-002	-4.84e-002	-7.57e-003	0.46	2.58	-1.85
331	350	2.92e-004	-3.17e-002	-1.18e-002	3.65e-002	0.65	-4.09
	360	-7.53e-004	-4.78e-002	-3.50e-003	-0.19	0.27	-4.09
	361	7.09e-004	-4.77e-002	-2.22e-003	-0.15	1.97	-3.63
	351	1.75e-003	-3.17e-002	-1.06e-002	0.15	1.09	-3.64
332	349	-1.98e-004	-1.85e-002	-1.19e-002	2.33e-002	0.18	-4.28
	359	-7.86e-004	-2.76e-002	-3.37e-003	-4.85e-002	9.18e-002	-4.27
	360	5.69e-004	-2.75e-002	-3.96e-003	-3.37e-002	0.62	-4.13
	350	1.16e-003	-1.84e-002	-1.25e-002	8.09e-002	0.38	-4.14
333	348	-4.90e-004	-4.67e-003	-1.24e-002	3.18e-003	4.24e-002	-4.34
	358	-6.48e-004	-7.09e-003	-3.46e-003	-1.08e-002	5.89e-003	-4.33
	359	5.50e-004	-7.01e-003	-3.12e-003	-8.08e-003	0.20	-4.29
	349	7.08e-004	-4.59e-003	-1.20e-002	4.27e-002	0.12	-4.30
334	347	-7.56e-004	8.90e-003	-1.20e-002	-3.35e-002	-1.69e-002	-4.34
	357	-4.59e-004	1.35e-002	-3.16e-003	4.23e-003	-6.88e-002	-4.33
	358	6.93e-004	1.35e-002	-3.49e-003	1.52e-003	6.38e-002	-4.34
	348	3.96e-004	8.97e-003	-1.24e-002	8.60e-003	2.21e-002	-4.35
335	346	-8.29e-004	2.27e-002	-1.25e-002	-0.13	-0.11	-4.25
	356	-9.85e-005	3.40e-002	-3.84e-003	2.31e-002	-0.25	-4.23
	357	8.76e-004	3.40e-002	-3.29e-003	1.42e-002	1.50e-002	-4.32
	347	1.45e-004	2.28e-002	-1.20e-002	-3.20e-002	-3.82e-002	-4.33
336	345	-2.80e-005	3.60e-002	-1.17e-002	-0.40	-0.42	-3.96
	355	1.17e-003	5.45e-002	-2.08e-003	5.93e-002	-0.81	-3.91
	356	1.24e-003	5.45e-002	-3.16e-003	4.32e-002	-3.70e-002	-4.18

	346	3.50e-005	3.60e-002	-1.28e-002	-0.12	-0.15	-4.23
337	344	-5.32e-003	4.97e-002	-1.49e-002	-1.01	-1.55	-3.13
	354	-3.67e-003	7.50e-002	-4.40e-003	4.88e-002	-2.49	-3.00
	355	2.53e-003	7.54e-002	-2.36e-003	0.11	-0.27	-3.72
	345	8.87e-004	5.01e-002	-1.29e-002	-0.33	-0.47	-3.86
338	323	-1.71e-005	6.10e-002	-2.86e-003	-0.63	-4.96	-1.20
	333	2.16e-003	9.45e-002	-6.36e-005	-1.16	-6.80	-1.00e+000
	354	-2.43e-003	9.42e-002	-7.18e-003	0.27	-1.43	-2.43
	344	-4.60e-003	6.07e-002	-9.98e-003	-0.70	-1.63	-2.63
339	342	4.89e-003	-3.63e-002	-9.60e-003	-3.68	8.85	-1.47
	352	3.80e-003	-5.31e-002	-2.14e-002	-0.10	-2.54	-2.12
	353	-6.21e-002	-5.73e-002	3.39e-003	33.43	8.10	-1.65
	343	-6.10e-002	-4.06e-002	1.52e-002	-40.19	-8.86	-9.98e-001
340	341	1.56e-004	-2.99e-002	-1.37e-002	-1.16	0.79	-3.06
	351	-1.10e-003	-4.92e-002	-9.00e-003	-4.80e-002	2.19	-3.52
	352	4.07e-003	-4.89e-002	-2.04e-002	0.41	1.89	-3.35
	342	5.33e-003	-2.95e-002	-2.51e-002	-3.32	2.78	-2.89
341	340	4.60e-005	-1.66e-002	-1.90e-002	-0.20	0.17	-4.01
	350	-9.44e-004	-3.18e-002	-1.59e-002	2.31e-002	0.63	-4.09
	351	3.22e-005	-3.18e-002	-1.14e-002	-0.41	0.87	-3.85
	341	1.02e-003	-1.65e-002	-1.45e-002	7.50e-003	1.07	-3.78
342	339	-8.91e-005	-9.17e-003	-1.60e-002	-2.28e-002	4.85e-002	-4.28
	349	-6.99e-004	-1.86e-002	-1.50e-002	3.08e-002	0.17	-4.28
	350	-7.85e-005	-1.85e-002	-1.66e-002	-0.11	0.31	-4.18
	340	5.31e-004	-9.13e-003	-1.75e-002	0.14	0.32	-4.17
343	338	-2.48e-004	-2.36e-003	-1.68e-002	-6.91e-003	1.23e-002	-4.35
	348	-3.98e-004	-4.66e-003	-1.58e-002	1.61e-002	4.22e-002	-4.35
	349	2.07e-004	-4.62e-003	-1.52e-002	-2.43e-002	9.45e-002	-4.31
	339	3.56e-004	-2.32e-003	-1.62e-002	6.66e-002	8.89e-002	-4.32
344	337	-4.42e-004	4.46e-003	-1.62e-002	-3.61e-002	-8.79e-003	-4.36
	347	-1.50e-004	8.94e-003	-1.53e-002	5.73e-004	-5.63e-003	-4.35
	348	4.89e-004	8.98e-003	-1.58e-002	-1.58e-002	1.43e-002	-4.35
	338	1.97e-004	4.50e-003	-1.68e-002	1.77e-002	1.85e-002	-4.36
345	336	-7.89e-004	1.13e-002	-1.72e-002	-0.13	-4.92e-002	-4.31
	346	-4.19e-005	2.28e-002	-1.64e-002	-2.20e-002	-7.10e-002	-4.29
	347	7.51e-004	2.28e-002	-1.52e-002	-4.47e-002	-3.84e-002	-4.34
	337	3.64e-006	1.13e-002	-1.61e-002	-2.18e-002	-1.41e-002	-4.36
346	335	-1.53e-003	1.81e-002	-1.44e-002	-0.43	-0.19	-4.13
	345	-3.69e-004	3.60e-002	-1.32e-002	-7.29e-002	-0.30	-4.07
	346	8.22e-004	3.61e-002	-1.66e-002	-0.14	-0.14	-4.24
	336	-3.40e-004	1.82e-002	-1.78e-002	-0.10	-7.11e-002	-4.30
347	334	-6.33e-003	2.62e-002	-1.96e-002	-1.37	-0.76	-3.49
	344	-4.80e-003	4.97e-002	-2.34e-002	-0.20	-1.21	-3.29
	345	5.46e-004	5.01e-002	-1.44e-002	-0.40	-0.41	-3.88
	335	-9.82e-004	2.65e-002	-1.06e-002	-0.31	-0.24	-4.08
348	313	-4.50e-003	3.74e-002	6.24e-003	-1.83	-3.36	-1.35
	323	-2.98e-003	6.08e-002	1.88e-003	-1.14	-4.40	-1.10
	344	-4.09e-003	6.07e-002	-1.85e-002	-0.90	-1.29	-2.68
	334	-5.61e-003	3.73e-002	-1.41e-002	-0.69	-0.52	-2.93
349	302	-6.88e-003	-4.47e-004	-5.68e-002	-6.63	5.32	10.05
	342	-9.27e-003	-3.73e-002	-1.95e-002	-7.26	8.20	-0.95
	343	-6.99e-002	-4.12e-002	3.90e-002	7.08	-8.92	-2.71
	187	-6.75e-002	-4.38e-003	1.66e-003	-65.85	-8.68	8.29
350	213	2.39e-003	1.55e-004	-1.57e-002	-0.39	0.18	-2.63
	341	4.38e-004	-2.98e-002	-1.55e-002	-0.83	0.40	-3.02
	342	-8.82e-003	-3.04e-002	-3.50e-002	-3.41	2.42	-0.85
	302	-6.88e-003	-4.47e-004	-3.53e-002	0.81	0.43	-0.46

351	301	8.11e-004	5.27e-005	-2.22e-002	-8.51e-002	3.48e-002		-3.92
	340	-2.72e-004	-1.66e-002	-2.13e-002		-0.11	8.96e-002	-3.99
	341	1.30e-003	-1.65e-002	-1.63e-002		-0.93	0.84	-3.29
	213	2.39e-003	1.55e-004	-1.72e-002		0.54	0.18	-3.22
352	212	1.50e-004	9.73e-006	-1.94e-002	-1.76e-002	7.29e-003		-4.27
	339	-4.48e-004	-9.20e-003	-1.79e-002	3.05e-003	2.76e-002		-4.27
	340	2.13e-004	-9.15e-003	-1.98e-002		-0.20	0.24	-4.07
	301	8.11e-004	5.27e-005	-2.12e-002		0.18	5.75e-002	-4.07
353	298	-3.61e-005	-2.34e-006	-2.05e-002	-6.13e-003	1.00e-003		-4.35
	338	-1.89e-004	-2.35e-003	-1.89e-002	6.86e-003	8.58e-003		-4.35
	339	-2.87e-006	-2.34e-003	-1.81e-002	-4.10e-002	6.30e-002		-4.30
	212	1.50e-004	9.73e-006	-1.97e-002	5.60e-002	1.65e-002		-4.30
354	211	-2.38e-004	-1.55e-005	-1.97e-002	-1.14e-002	-2.47e-003		-4.37
	337	5.44e-005	4.49e-003	-1.82e-002	-5.31e-003	-3.51e-003		-4.37
	338	2.57e-004	4.50e-003	-1.89e-002	-1.54e-002	1.18e-002		-4.36
	298	-3.61e-005	-2.34e-006	-2.04e-002	1.53e-002	4.29e-003		-4.36
355	297	-6.14e-004	-3.99e-005	-2.10e-002	-4.07e-002	-1.04e-002		-4.34
	336	1.24e-004	1.13e-002	-1.95e-002	-2.66e-002	-2.50e-002		-4.34
	337	5.00e-004	1.13e-002	-1.81e-002	-3.21e-002	-1.25e-002		-4.36
	211	-2.38e-004	-1.55e-005	-1.95e-002	2.03e-003	1.78e-004		-4.37
356	210	-1.45e-004	-9.40e-006	-1.77e-002		-0.16	-3.89e-002	-4.23
	335	1.04e-003	1.83e-002	-1.61e-002	-6.25e-002		-0.10	-4.20
	336	5.73e-004	1.82e-002	-2.01e-002		-0.10	-5.88e-002	-4.30
	297	-6.14e-004	-3.99e-005	-2.17e-002	-4.37e-003	-3.55e-003		-4.33
357	294	9.11e-003	5.92e-004	-3.03e-002		-0.58	-0.15	-3.74
	334	1.08e-002	2.73e-002	-2.49e-002	-3.41e-002		-0.42	-3.67
	335	1.59e-003	2.67e-002	-1.23e-002		-0.32	-0.20	-4.08
	210	-1.45e-004	-9.40e-006	-1.77e-002	-6.62e-004	-1.67e-002		-4.15
358	181	-1.39e-002	-9.05e-004	-2.31e-002		-2.86	-0.85	-1.93
	313	-1.15e-002	3.69e-002	1.96e-002		-1.64	-2.76	-1.18
	334	1.16e-002	3.84e-002	-1.94e-002		-1.11	-6.66e-002	-2.97
	294	9.11e-003	5.92e-004	-6.20e-002		-0.21	8.40e-002	-3.72
359	322	-1.54e-004	5.29e-002	8.38e-003		-0.67	-1.09	0.20
	332	2.31e-003	9.08e-002	7.49e-003	-8.64e-002		-1.60	0.16
	333	1.92e-003	9.07e-002	5.04e-003		0.39	-3.31	-0.45
	323	-5.45e-004	5.29e-002	5.93e-003		-1.53	-3.18	-0.41
360	321	-9.51e-004	4.89e-002	4.41e-003		-0.34	-0.29	0.87
	331	8.39e-004	7.65e-002	1.66e-003	-4.36e-002		-0.35	0.78
	332	1.38e-003	7.65e-002	4.15e-003	-7.38e-002		-1.43	0.35
	322	-4.09e-004	4.90e-002	6.90e-003		-0.73	-0.98	0.44
361	320	-2.73e-004	4.50e-002	5.40e-003		-0.13	-0.10	1.16
	330	1.19e-003	6.76e-002	1.64e-003	-1.23e-002	-7.53e-002		1.11
	331	2.56e-004	6.75e-002	1.27e-003	7.67e-003		-0.54	0.91
	321	-1.21e-003	4.49e-002	5.03e-003		-0.36	-0.28	0.96
362	319	-4.62e-004	4.00e-002	4.82e-003	-4.69e-002	-2.92e-002		1.25
	329	8.46e-004	6.01e-002	1.27e-003	-2.78e-003	-1.25e-002		1.23
	330	7.09e-004	6.01e-002	1.43e-003	1.17e-002		-0.18	1.16
	320	-5.99e-004	4.00e-002	4.98e-003		-0.13	-7.82e-002	1.18
363	318	-3.83e-004	3.52e-002	4.98e-003	-1.91e-002	3.56e-003		1.28
	328	7.65e-004	5.29e-002	1.60e-003	-2.08e-004	1.04e-002		1.27
	329	3.74e-004	5.29e-002	1.41e-003	4.79e-003	-5.31e-002		1.25
	319	-7.73e-004	3.52e-002	4.78e-003	-4.64e-002	-1.75e-002		1.25
364	317	-2.18e-004	3.04e-002	4.52e-003	-2.67e-002	3.60e-002		1.29
	327	7.73e-004	4.56e-002	1.13e-003	5.31e-004	3.49e-002		1.29
	328	2.91e-004	4.56e-002	1.64e-003	-7.79e-004	4.67e-004		1.28
	318	-7.00e-004	3.03e-002	5.02e-003	-2.10e-002	1.14e-002		1.28
365	316	-1.27e-004	2.55e-002	5.58e-003	-8.91e-002	8.78e-002		1.30

	326	7.16e-004	3.84e-002	2.34e-003	-9.12e-003	8.66e-002	1.32
	327	3.05e-004	3.84e-002	9.87e-004	-1.28e-002	4.41e-002	1.30
	317	-5.37e-004	2.55e-002	4.23e-003	-3.27e-002	5.84e-002	1.28
366	315	-5.24e-005	2.02e-002	1.43e-003	-0.22	0.11	1.31
	325	7.30e-004	3.22e-002	-1.94e-003	-8.14e-002	0.26	1.35
	326	3.07e-004	3.22e-002	2.49e-003	-6.04e-002	7.91e-002	1.35
	316	-4.75e-004	2.01e-002	5.86e-003	-8.98e-002	0.21	1.31
367	314	8.61e-003	1.49e-002	9.68e-003	0.32	-7.46e-002	1.17
	324	9.41e-003	2.71e-002	8.38e-003	0.27	1.16	0.96
	325	3.59e-004	2.65e-002	-2.80e-003	-0.13	-0.17	1.30
	315	-4.33e-004	1.43e-002	-1.51e-003	-4.31e-002	0.62	1.51
368	277	-5.06e-002	2.36e-002	-1.74e-002	-6.39	1.94	3.29
	283	-5.25e-002	-5.09e-003	3.20e-002	27.18	1.89	-1.40
	324	7.57e-003	-1.19e-003	5.62e-002	2.17	-3.17	-3.30
	314	9.43e-003	2.75e-002	6.77e-003	2.00	-2.89	1.39
369	312	5.56e-003	1.72e-002	1.24e-002	-0.90	-0.12	0.46
	322	7.91e-003	5.34e-002	6.51e-003	-0.91	-0.92	0.29
	323	-3.51e-003	5.27e-002	1.07e-002	-0.15	-2.90	-0.60
	313	-5.86e-003	1.65e-002	1.66e-002	-2.55	-2.68	-0.43
370	311	-5.07e-004	2.10e-002	8.57e-003	-0.39	-0.10	1.13
	321	1.32e-003	4.91e-002	6.82e-003	-0.44	-0.21	0.90
	322	7.65e-003	4.95e-002	5.03e-003	-0.56	-0.83	0.52
	312	5.83e-003	2.14e-002	6.78e-003	-1.10	-0.46	0.75
371	310	-5.57e-004	2.24e-002	6.05e-003	-0.13	-2.97e-002	1.25
	320	9.14e-004	4.51e-002	6.38e-003	-0.16	-7.77e-002	1.17
	321	1.06e-003	4.51e-002	7.44e-003	-0.20	-0.20	1.05
	311	-4.13e-004	2.24e-002	7.10e-003	-0.38	-0.10	1.13
372	309	-5.88e-004	1.99e-002	6.88e-003	-4.32e-002	-3.78e-003	1.28
	319	7.21e-004	4.01e-002	6.31e-003	-5.69e-002	-2.36e-002	1.25
	320	5.89e-004	4.01e-002	5.96e-003	-7.21e-002	-5.03e-002	1.22
	310	-7.20e-004	1.99e-002	6.52e-003	-0.13	-2.82e-002	1.25
373	308	-4.55e-004	1.76e-002	6.79e-003	-1.58e-002	9.29e-003	1.29
	318	6.94e-004	3.53e-002	6.28e-003	-2.37e-002	4.31e-003	1.28
	319	4.10e-004	3.53e-002	6.27e-003	-2.53e-002	-8.53e-003	1.27
	309	-7.39e-004	1.76e-002	6.78e-003	-4.37e-002	-4.92e-003	1.28
374	307	-3.45e-004	1.51e-002	6.47e-003	-2.17e-002	3.41e-002	1.27
	317	6.50e-004	3.04e-002	5.92e-003	-2.84e-002	3.50e-002	1.28
	318	3.77e-004	3.04e-002	6.33e-003	-1.51e-002	1.35e-002	1.28
	308	-6.17e-004	1.51e-002	6.88e-003	-2.30e-002	8.43e-003	1.28
375	306	-4.78e-005	1.27e-002	7.69e-003	-0.10	0.11	1.25
	316	7.84e-004	2.55e-002	6.96e-003	-8.30e-002	8.79e-002	1.28
	317	3.30e-004	2.55e-002	5.63e-003	-3.69e-002	5.84e-002	1.28
	307	-5.02e-004	1.27e-002	6.36e-003	-4.92e-002	2.79e-002	1.25
376	305	2.13e-004	9.09e-003	4.26e-003	-0.51	0.36	1.25
	315	9.36e-004	2.02e-002	3.26e-003	-0.22	0.11	1.37
	316	4.36e-004	2.02e-002	7.24e-003	-0.13	0.22	1.29
	306	-2.87e-004	9.06e-003	8.24e-003	-0.20	5.96e-002	1.17
377	304	-1.12e-002	4.13e-003	1.59e-002	-2.19	0.87	1.60
	314	-1.06e-002	1.36e-002	1.03e-002	-0.32	-0.29	1.99
	315	5.55e-004	1.44e-002	3.20e-004	-0.33	0.78	1.43
	305	-6.23e-005	4.86e-003	5.92e-003	-0.82	0.20	1.04
378	271	-4.45e-002	5.84e-003	-1.91e-002	-19.77	-6.29	1.96
	277	-4.33e-002	2.41e-002	-1.52e-002	15.05	1.86	2.36
	314	-9.79e-003	2.63e-002	7.42e-003	-0.56	-2.97	1.62
	304	-1.10e-002	8.02e-003	3.53e-003	-2.46	3.78	1.23
379	292	-4.04e-003	-2.63e-004	-2.31e-002	-0.33	0.25	1.39
	312	-2.94e-003	1.67e-002	6.37e-003	-1.19	0.15	0.57

	313	-1.28e-002	1.60e-002	2.99e-002	-0.86	-2.27	-0.64
	181	-1.39e-002	-9.05e-004	4.16e-004	-3.66	-0.88	0.17
380	209	-5.53e-004	-3.59e-005	9.15e-003	-5.12e-002	1.28e-002	1.26
	311	8.19e-004	2.11e-002	1.06e-002	-0.36	-8.66e-002	1.13
	312	-2.67e-003	2.09e-002	7.38e-004	-0.46	-0.25	0.97
	292	-4.04e-003	-2.63e-004	-6.62e-004	-0.39	-0.11	1.10
381	291	-6.02e-004	-3.91e-005	6.74e-003	-1.87e-002	2.94e-003	1.29
	310	8.63e-004	2.25e-002	6.53e-003	-0.12	-2.54e-002	1.25
	311	9.12e-004	2.25e-002	9.08e-003	-0.20	-4.38e-002	1.22
	209	-5.53e-004	-3.59e-005	9.29e-003	-7.99e-002	-2.51e-002	1.26
382	208	-6.17e-004	-4.01e-005	8.39e-003	-5.71e-003	1.60e-003	1.29
	309	6.86e-004	2.00e-002	7.84e-003	-4.16e-002	-3.28e-003	1.28
	310	7.01e-004	2.00e-002	7.01e-003	-7.29e-002	-1.09e-002	1.28
	291	-6.02e-004	-3.91e-005	7.57e-003	-2.01e-002	-6.99e-003	1.29
383	288	-5.20e-004	-3.38e-005	8.01e-003	1.96e-003	2.13e-003	1.29
	308	6.32e-004	1.77e-002	7.57e-003	-2.21e-002	6.97e-003	1.28
	309	5.34e-004	1.77e-002	7.74e-003	-2.64e-002	-6.30e-004	1.29
	208	-6.17e-004	-4.01e-005	8.18e-003	-6.79e-003	-1.60e-003	1.29
384	207	-4.69e-004	-3.05e-005	7.84e-003	1.28e-002	5.38e-003	1.26
	307	5.20e-004	1.52e-002	7.43e-003	-4.07e-002	2.71e-002	1.26
	308	4.70e-004	1.52e-002	7.66e-003	-1.46e-002	6.94e-003	1.28
	288	-5.20e-004	-3.38e-005	8.07e-003	-5.93e-003	1.31e-003	1.28
385	287	-2.98e-004	-1.94e-005	8.84e-003	3.93e-002	1.63e-002	1.16
	306	5.34e-004	1.28e-002	8.18e-003	-0.14	0.10	1.18
	307	3.63e-004	1.28e-002	7.33e-003	-3.42e-002	1.77e-002	1.26
	207	-4.69e-004	-3.05e-005	7.99e-003	-1.56e-002	6.17e-003	1.24
386	206	1.63e-003	1.06e-004	7.64e-003	7.87e-002	4.53e-002	0.84
	305	2.22e-003	9.22e-003	7.20e-003	-0.55	0.34	0.92
	306	2.94e-004	9.10e-003	8.73e-003	-0.15	2.54e-002	1.18
	287	-2.98e-004	-1.94e-005	9.17e-003	-5.64e-002	2.36e-002	1.10
387	284	-3.98e-003	-2.59e-004	1.16e-002	-0.36	-1.74e-002	-0.25
	304	-3.66e-003	4.63e-003	1.52e-002	-2.59	0.81	0.30
	305	1.95e-003	4.99e-003	8.86e-003	-0.77	0.18	1.07
	206	1.63e-003	1.06e-004	5.27e-003	-0.30	0.16	0.51
388	176	-5.68e-002	-3.69e-003	-2.00e-002	-33.01	-5.19	-3.32
	271	-5.62e-002	5.08e-003	-2.68e-002	2.56	-6.30	2.90
	304	-3.41e-003	8.51e-003	2.81e-003	-4.86	3.75	0.81
	284	-3.98e-003	-2.59e-004	9.58e-003	-3.19	3.22	-5.41
429	276	-4.43e-003	2.08e-002	1.05e-002	2.79	0.41	-0.85
	282	-1.65e-003	6.36e-002	2.18e-002	1.75	-2.06	4.08
	283	-4.82e-002	6.06e-002	-5.69e-003	30.68	12.77	4.46
	277	-5.10e-002	1.78e-002	-1.69e-002	-8.52	7.30	-0.47
430	275	-4.57e-003	1.85e-002	1.15e-002	0.11	1.63	-2.56
	281	-3.32e-003	3.77e-002	-4.48e-003	-0.20	0.45	-2.22
	282	-3.33e-003	3.77e-002	8.07e-003	4.78e-003	4.81	-0.99
	276	-4.58e-003	1.85e-002	2.41e-002	1.33	2.04	-1.33
431	274	1.78e-003	6.47e-003	3.01e-002	-0.12	6.25e-002	-2.63
	280	2.17e-003	1.25e-002	1.03e-002	-0.16	3.71e-002	-2.64
	281	-4.99e-003	1.20e-002	1.04e-004	-0.24	1.28	-2.37
	275	-5.38e-003	6.00e-003	1.99e-002	4.14e-002	0.91	-2.36
432	273	-5.27e-002	2.16e-002	5.59e-002	1.25	-1.70	-2.72
	279	-5.77e-002	-5.62e-002	4.38e-002	0.99	-0.15	-3.34
	280	-2.05e-003	-5.26e-002	2.09e-002	-1.13e-002	-0.56	-2.85
	274	3.00e-003	2.52e-002	3.30e-002	0.31	0.36	-2.22
433	272	-3.66e-002	8.04e-002	0.25	-10.95	-1.18	2.53
	278	-6.30e-002	-0.33	0.20	45.78	-4.87	-5.38
	279	-7.53e-002	-0.33	0.10	3.94	-6.25	-10.35

	273	-4.89e-002	7.96e-002	0.14	4.45	-6.74	-2.44
434	270	-2.68e-003	1.91e-002	1.75e-002	-2.77	5.82	-0.87
	276	-2.56e-003	2.09e-002	1.70e-002	-2.65e-002	-0.31	-1.25
	277	-4.37e-002	1.82e-002	-1.47e-002	16.88	6.19	-7.87e-002
	271	-4.38e-002	1.64e-002	-1.42e-002	-21.13	-4.20	0.30
435	269	-1.86e-003	9.37e-003	-2.48e-003	-1.01	0.78	-2.10
	275	-1.26e-003	1.87e-002	2.72e-003	-0.14	1.81	-2.49
	276	-2.71e-003	1.86e-002	3.05e-002	-0.88	1.26	-2.46
	270	-3.32e-003	9.27e-003	2.53e-002	-1.48	2.16	-2.08
436	268	-1.22e-002	6.37e-003	3.82e-002	-0.86	0.28	-2.35
	274	-1.22e-002	5.55e-003	6.23e-002	1.94e-002	0.11	-2.37
	275	-2.07e-003	6.21e-003	1.11e-002	-0.36	0.78	-2.54
	269	-2.02e-003	7.03e-003	-1.30e-002	-0.47	0.78	-2.52
437	267	-0.19	0.10	-2.67e-002	-2.37	0.35	-1.23
	273	-0.19	1.26e-002	-3.46e-002	0.88	-1.80	-1.08
	274	-1.10e-002	2.43e-002	6.52e-002	-0.18	0.57	-2.36
	268	-5.22e-003	0.11	7.31e-002	-0.70	-5.80e-002	-2.51
438	266	9.05e-002	0.35	0.31	-31.56	-9.51	1.52
	272	7.32e-002	8.75e-002	0.30	29.86	0.63	1.46
	273	-0.19	7.06e-002	5.12e-002	0.50	-7.32	-1.94
	267	-0.17	0.34	6.67e-002	-2.07	3.37	-1.88
439	205	9.94e-003	6.46e-004	7.15e-002	-3.45	3.76	6.05
	270	1.12e-002	2.00e-002	2.22e-002	-5.01	5.02	-0.29
	271	-5.55e-002	1.57e-002	-2.19e-002	3.85	-4.81	-0.86
	176	-5.68e-002	-3.69e-003	2.74e-002	-34.38	-5.16	5.49
440	204	-2.40e-003	-1.56e-004	-3.91e-003	-0.45	0.27	-1.49
	269	-1.78e-003	9.37e-003	-1.03e-002	-0.82	0.70	-2.20
	270	1.06e-002	1.02e-002	3.00e-002	-3.40	1.64	-0.62
	205	9.94e-003	6.46e-004	3.63e-002	-0.12	0.13	7.98e-002
441	203	-9.82e-003	-6.38e-004	6.02e-002	-0.13	4.74e-002	-2.70
	268	-9.36e-003	6.56e-003	6.56e-002	-0.50	0.31	-2.72
	269	-1.93e-003	7.04e-003	-2.08e-002	-0.85	0.61	-2.12
	204	-2.40e-003	-1.56e-004	-2.62e-002	0.18	0.12	-2.10
442	202	6.28e-002	4.08e-003	-0.25	-0.55	-0.16	-3.56
	267	7.02e-002	0.12	-0.20	-3.03	0.41	-2.83
	268	-2.38e-003	0.11	0.10	-1.02	8.22e-002	-2.34
	203	-9.82e-003	-6.38e-004	5.19e-002	-0.18	0.18	-3.06
443	175	9.43e-002	6.12e-003	-0.18	-49.34	-7.64	-6.21
	266	0.12	0.35	0.57	10.65	-8.12	2.07
	267	8.54e-002	0.35	-0.11	-6.12	2.99	-2.20
	202	6.28e-002	4.08e-003	-0.87	-3.85	4.65	-10.48
600	158	-0.20	-2.18e-002	-0.49	89.50	-657.61	-83.24
	104	-0.46	-3.97	-1.18	-187.39	-376.28	-51.54
	41	-0.26	-3.96	-1.88	-434.57	-1733.77	-567.87
	116	-5.77e-004	-8.87e-003	-1.19	340.58	-233.65	-599.58
601	157	-0.24	-0.83	-0.46	0.35	-233.18	92.51
	103	-0.36	-2.63	-0.25	-48.72	-206.97	114.59
	104	-0.37	-2.63	-0.54	-48.55	-642.05	28.82
	158	-0.25	-0.83	-0.74	4.85	-418.09	6.74
602	156	-7.17e-002	-0.85	-0.38	-6.94	-11.23	107.31
	102	-0.16	-2.24	-0.17	-3.07	66.12	123.58
	103	-0.33	-2.25	2.76e-002	-10.98	-249.20	124.36
	157	-0.24	-0.86	-0.18	3.10	-172.92	108.09
603	155	0.67	-2.62e-002	1.24	-85.16	54.19	-60.16
	1	0.52	-2.35	0.81	114.09	515.60	-44.97
	102	-0.17	-2.40	-0.60	50.68	-22.17	105.30
	156	-2.12e-002	-7.09e-002	-0.17	-23.65	86.64	90.11

604	154	-0.61	-8.79e-002	-0.34	103.32	-180.16	-51.91
	158	-0.61	-4.86e-002	-0.37	77.75	-471.51	-152.41
	116	-5.77e-004	-8.87e-003	-0.21	-44.36	-99.63	-287.35
	115	-3.13e-003	-4.82e-002	-0.18	51.31	-82.45	-186.85
605	153	-0.52	-6.24e-002	-0.33	76.02	-163.08	46.48
	157	-0.57	-0.86	-0.58	7.53	-237.41	102.45
	158	-0.66	-0.86	-0.63	117.74	-319.71	7.06
	154	-0.61	-6.86e-002	-0.37	73.31	-179.95	-48.90
606	152	-0.22	1.12e-002	-0.51	9.96	-54.51	69.71
	156	-0.28	-0.86	-0.34	-30.78	-41.50	115.81
	157	-0.57	-0.88	-0.30	29.29	-138.46	112.06
	153	-0.51	-7.85e-003	-0.47	33.58	-114.17	65.96
607	151	0.91	-1.20e-002	-0.30	-13.69	10.49	51.02
	155	0.91	-1.07e-002	3.99e-002	7.42	3.72	43.10
	156	-0.23	-8.43e-002	-0.14	-10.34	49.62	73.22
	152	-0.23	-8.56e-002	-0.48	-11.43	-25.70	81.14
608	150	-0.35	-2.78e-002	-0.27	39.13	-50.85	-48.34
	154	-0.36	-7.13e-002	-0.24	53.41	-138.68	-93.52
	115	-3.13e-003	-4.82e-002	-0.14	-13.51	-43.36	-141.69
	114	-3.13e-004	-4.81e-003	-0.18	22.10	-22.46	-96.52
609	149	-0.53	-6.08e-002	-0.43	51.77	-77.97	16.68
	153	-0.53	-6.30e-002	-0.35	34.67	-121.69	24.64
	154	-0.36	-5.19e-002	-0.27	55.56	-155.71	-33.59
	150	-0.36	-4.97e-002	-0.35	45.46	-69.23	-41.56
610	148	-0.45	-0.21	-0.69	25.90	-48.34	41.60
	152	-0.44	-2.87e-003	-0.66	4.25	-47.54	67.97
	153	-0.52	-8.41e-003	-0.49	42.29	-108.16	49.62
	149	-0.54	-0.22	-0.51	36.51	-65.44	23.24
611	147	-2.29e-002	4.47e-002	-3.24e-002	-1.74	-5.46	39.55
	151	-3.05e-002	-7.28e-002	-0.11	-9.28	-3.91	56.69
	152	-0.44	-0.10	-0.63	7.55	-25.85	61.89
	148	-0.44	1.79e-002	-0.55	12.98	-35.02	44.75
612	107	-0.24	-8.75e-003	-0.11	48.67	-16.94	-18.03
	150	-0.24	-2.05e-002	-0.23	29.75	-30.54	-53.28
	114	-3.13e-004	-4.81e-003	-0.23	-14.40	-5.40	-87.17
	46	4.49e-004	6.92e-003	-0.12	27.71	60.48	-51.93
613	106	-0.34	-0.12	-0.21	48.69	-37.26	3.95
	149	-0.33	-4.82e-002	-0.37	37.31	-59.72	2.80
	150	-0.24	-4.24e-002	-0.31	34.40	-50.03	-23.40
	107	-0.25	-0.12	-0.14	51.51	-12.25	-22.25
614	105	-0.29	-0.30	-0.32	26.05	-37.37	19.65
	148	-0.28	-0.20	-0.57	20.59	-41.70	35.73
	149	-0.34	-0.20	-0.46	37.50	-56.62	21.31
	106	-0.35	-0.30	-0.21	41.51	-28.22	5.23
615	3	-1.60	-0.77	-0.66	3.58	-38.22	17.84
	147	-1.55	-5.47e-002	-0.52	6.79	-8.04	31.01
	148	-0.27	2.88e-002	-0.43	21.14	-36.24	37.28
	105	-0.31	-0.69	-0.56	15.37	-20.60	24.10
616	146	-0.17	-2.61e-002	-5.49e-002	15.23	21.32	-10.48
	107	-0.17	-4.23e-003	-4.98e-002	30.99	-21.86	-25.50
	46	4.49e-004	6.92e-003	-4.29e-002	26.17	74.58	-12.76
	119	-9.72e-004	-1.50e-002	-4.80e-002	-15.19	6.27	2.26
617	145	-0.27	-6.30e-002	-3.84e-002	21.72	-17.39	-3.74
	106	-0.28	-0.12	-7.48e-002	26.57	-31.14	-3.94
	107	-0.18	-0.11	-7.92e-002	29.83	-4.90	-13.97
	146	-0.17	-5.65e-002	-4.28e-002	20.57	-2.71	-13.77
618	144	-0.38	-0.13	-7.22e-003	12.68	-25.50	6.22

	105	-0.40	-0.31	-0.10	12.87	-29.50	12.71
	106	-0.29	-0.30	-8.05e-002	25.46	-28.26	4.54
	145	-0.28	-0.12	1.19e-002	18.10	-19.01	-1.95
619	143	2.36e-002	5.98e-003	0.35	4.60	-11.60	19.94
	3	-2.01e-002	-0.67	-4.67e-002	-6.57	-35.57	27.45
	105	-0.42	-0.69	-0.34	8.17	-22.36	15.65
	144	-0.38	-2.01e-002	4.95e-002	10.08	-25.64	8.14
620	142	-0.16	-1.96e-002	-1.87e-002	0.38	9.73	-6.70
	146	-0.16	-2.51e-002	-3.78e-002	11.88	17.49	-9.76
	119	-9.72e-004	-1.50e-002	-3.32e-002	1.97	2.14	-7.95
	118	-6.21e-004	-9.56e-003	-1.42e-002	0.77	6.01	-4.88
621	141	-0.30	-2.50e-002	-1.02e-002	12.12	-9.31	-0.84
	145	-0.30	-6.48e-002	-1.34e-002	16.75	-12.34	-6.44
	146	-0.16	-5.54e-002	-2.56e-002	7.94	-3.92	-11.25
	142	-0.16	-1.57e-002	-2.25e-002	7.03	0.77	-5.65
622	140	-0.30	3.27e-002	-1.70e-002	13.79	-19.93	2.48
	144	-0.31	-0.12	3.39e-002	14.47	-21.72	2.94
	145	-0.31	-0.12	3.70e-002	17.34	-18.46	-1.13
	141	-0.30	3.28e-002	-1.39e-002	12.79	-13.75	-1.59
623	139	3.81e-002	2.75e-002	-6.83e-002	3.23	-8.67	3.24
	143	3.68e-002	6.84e-003	3.71e-002	3.28	-7.51	10.53
	144	-0.30	-1.50e-002	9.07e-002	12.19	-23.39	7.88
	140	-0.30	5.63e-003	-1.47e-002	12.37	-17.76	0.59
624	138	-0.15	-2.84e-002	2.89e-004	7.18	18.63	0.18
	142	-0.15	-1.95e-002	-3.38e-003	1.16	9.75	-1.66
	118	-6.21e-004	-9.56e-003	-4.45e-003	-9.27e-002	6.38	-4.97
	117	-1.20e-003	-1.85e-002	-7.78e-004	2.27	3.61	-3.13
625	137	-0.30	-7.10e-002	-3.29e-002	11.95	-7.31	3.77
	141	-0.30	-2.49e-002	-2.80e-002	11.12	-8.58	-1.36
	142	-0.15	-1.55e-002	-7.14e-003	5.65	1.63	-1.61
	138	-0.16	-6.16e-002	-1.21e-002	4.76	0.78	3.52
626	136	-0.31	-0.12	-8.29e-002	12.29	-19.79	0.62
	140	-0.30	3.22e-002	-3.39e-002	12.29	-19.50	0.27
	141	-0.29	3.29e-002	-3.17e-002	12.61	-13.23	0.97
	137	-0.30	-0.12	-8.07e-002	11.80	-14.16	1.32
627	135	4.38e-003	5.71e-003	-4.17e-002	1.45	-7.84	-8.25
	139	5.66e-003	2.54e-002	5.35e-002	2.44	-9.00	-1.21
	140	-0.31	5.10e-003	-3.16e-002	13.33	-18.07	2.34
	136	-0.31	-1.46e-002	-0.13	7.80	-25.62	-4.70
628	110	-0.14	-3.20e-002	5.42e-002	21.38	-7.80	11.01
	138	-0.14	-2.78e-002	2.17e-002	10.04	22.83	1.09
	117	-1.20e-003	-1.85e-002	1.26e-002	-14.17	7.73	-12.50
	47	-1.48e-003	-2.27e-002	4.51e-002	22.54	64.33	-2.58
629	109	-0.26	-0.14	2.44e-002	16.09	-18.21	1.42
	137	-0.26	-6.84e-002	-1.80e-002	14.38	-10.27	1.63
	138	-0.15	-6.10e-002	9.38e-003	13.44	3.54	5.14
	110	-0.15	-0.13	5.18e-002	20.10	6.14	4.92
630	108	-0.42	-0.30	3.57e-002	5.34	-25.89	-6.87
	136	-0.41	-0.12	-4.99e-002	6.07	-23.08	-1.94
	137	-0.26	-0.11	-6.58e-002	11.67	-12.99	1.79
	109	-0.27	-0.29	1.98e-002	14.30	-16.33	-3.13
631	4	-0.10	-0.59	5.19e-002	-8.68	-51.04	-24.19
	135	-6.34e-002	1.30e-003	-0.32	3.53	-13.32	-20.51
	136	-0.40	-2.07e-002	-9.37e-002	7.06	-29.12	-4.15
	108	-0.44	-0.61	0.28	-1.32	-20.25	-7.83
632	134	-0.19	-1.81e-002	0.19	8.55	-18.29	27.66
	110	-0.19	-3.49e-002	0.12	31.24	-0.85	5.29

	47	-1.48e-003	-2.27e-002	0.11	15.57	51.82	26.33
	122	-3.84e-004	-5.91e-003	0.18	-6.42	6.51	48.70
633	133	-0.29	-3.66e-002	0.30	21.70	-35.05	-0.99
	109	-0.29	-0.14	0.15	25.86	-21.23	-4.12
	110	-0.19	-0.13	0.12	31.60	1.18	9.31
	134	-0.19	-3.02e-002	0.27	13.09	-24.69	12.44
634	132	-0.38	-0.14	0.44	19.04	-30.78	-21.99
	108	-0.39	-0.29	0.22	9.40	-32.50	-12.77
	109	-0.30	-0.29	0.15	22.42	-15.48	-3.78
	133	-0.29	-0.13	0.36	21.08	-42.23	-13.00
635	131	-1.47	1.89e-002	0.39	4.68	-7.42	-14.90
	4	-1.52	-0.68	0.58	3.41	-52.19	-6.54
	108	-0.41	-0.61	0.47	2.80	-19.22	-16.49
	132	-0.36	9.11e-002	0.28	19.00	-34.53	-24.85
636	130	-0.29	-1.68e-003	0.22	40.05	-95.94	65.29
	134	-0.29	-2.50e-002	0.22	19.14	-27.20	28.96
	122	-3.84e-004	-5.91e-003	0.12	7.96	-8.90	50.82
	121	1.13e-003	1.74e-002	0.12	0.63	-1.47	87.15
637	129	-0.49	8.38e-002	0.29	31.64	-84.31	-10.06
	133	-0.50	-5.07e-002	0.37	34.23	-48.68	-8.86
	134	-0.30	-3.72e-002	0.29	26.07	-38.73	26.97
	130	-0.29	0.10	0.21	41.06	-104.22	25.77
638	128	-0.43	0.11	0.54	6.22	-41.28	-48.80
	132	-0.45	-0.14	0.53	25.02	-39.95	-28.31
	133	-0.51	-0.15	0.43	29.56	-47.71	-11.25
	129	-0.49	0.11	0.44	30.29	-96.09	-31.74
639	127	-0.18	-2.78e-002	0.10	-3.34	-7.90	-48.47
	131	-0.17	0.10	-1.92e-002	4.73e-002	-6.88	-30.46
	132	-0.43	8.65e-002	0.37	16.97	-30.36	-29.15
	128	-0.44	-4.46e-002	0.49	5.24	-34.04	-47.16
640	126	-0.61	0.11	1.20e-002	100.25	-326.04	143.34
	130	-0.62	-2.28e-002	0.22	50.47	-114.10	45.55
	121	1.13e-003	1.74e-002	0.19	27.87	-41.15	126.35
	120	9.63e-003	0.15	-2.04e-002	-10.98	-58.36	224.15
641	125	-0.66	-0.57	0.43	18.78	-218.66	-80.64
	129	-0.62	7.58e-002	0.24	75.59	-127.46	-35.71
	130	-0.61	7.61e-002	0.22	53.53	-130.69	52.64
	126	-0.65	-0.57	0.41	107.60	-290.99	7.71
642	124	-0.26	-0.74	0.41	-27.72	-40.38	-105.30
	128	-0.21	0.13	0.56	28.61	-55.85	-54.14
	129	-0.62	0.10	0.38	46.00	-95.33	-46.55
	125	-0.67	-0.76	0.23	27.62	-137.24	-97.71
643	123	0.78	0.24	-1.65e-002	21.81	0.68	-48.49
	127	0.76	3.37e-002	0.19	-24.97	-3.75	-50.04
	128	-0.22	-3.00e-002	0.52	13.03	-30.91	-65.21
	124	-0.20	0.18	0.31	-19.91	8.70	-63.66
644	113	-0.60	-4.42	1.35	-266.32	-524.09	36.39
	126	-0.31	0.13	0.27	200.13	-513.45	52.44
	120	9.63e-003	0.15	0.77	240.41	-198.95	532.83
	48	-0.29	-4.40	1.85	-331.92	-1622.33	516.77
645	112	-0.44	-3.08	0.23	-56.95	-207.42	-115.71
	125	-0.27	-0.55	0.29	26.33	-240.00	-88.27
	126	-0.35	-0.55	0.67	119.32	-374.75	-7.67
	113	-0.52	-3.08	0.61	-144.30	-659.15	-35.11
646	111	-0.15	-2.74	0.27	24.77	75.75	-129.66
	124	-2.17e-002	-0.72	0.49	-33.56	-12.60	-106.52
	125	-0.28	-0.74	8.60e-002	12.20	-170.21	-109.03

	112	-0.41	-2.75	-0.13	-15.46	-249.42	-132.18
647	5	0.71	-2.86	-1.15	115.14	522.83	38.55
	123	0.91	0.25	-1.46	-92.01	47.35	55.23
	124	3.77e-002	0.19	0.39	-58.59	55.66	-93.58
	111	-0.16	-2.92	0.71	76.57	25.75	-110.26

SFORZI "Neve" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	8.02	3.05	2.58	-107.01	-438.23	649.61
	509	-8.02	-3.05	-2.58	107.01	-660.01	644.98
2	255	168.45	-17.91	8.63	-885.48	-1914.14	-2790.54
	196	-168.45	17.91	-8.63	885.48	-829.19	-2900.69
3	487	-326.24	39.72	4.36e-002	-303.57	-58.61	20955.20
	509	326.24	-39.72	-4.36e-002	303.57	34.73	789.67
4	509	658.05	-347.29	10.81	686.32	-1338.85	35.56
	495	-658.05	347.29	-10.81	-686.32	41.98	-41710.51
5	195	612.65	-23.68	4.44	141.33	-1054.44	-3976.79
	509	-612.65	23.68	-4.44	-141.33	388.22	425.04
6	403	411.87	8.27	2.03	-54.22	-70.85	-167.03
	413	-411.87	-8.27	-2.03	54.22	-0.18	456.62
7	393	823.90	13.84	2.90	-76.38	-182.70	115.65
	403	-823.90	-13.84	-2.90	76.38	81.27	368.68
8	190	1641.79	8.23	4.28	-84.42	-354.54	-655.81
	393	-1641.79	-8.23	-4.28	84.42	204.61	943.92
9	353	384.25	-4.56	28.18	236.69	425.18	-120.48
	363	-384.25	4.56	-28.18	-236.69	-1411.53	-39.01
10	343	794.21	-9.98	25.77	171.34	-1211.44	-136.68
	353	-794.21	9.98	-25.77	-171.34	309.49	-212.66
11	187	1599.44	-0.35	36.13	162.18	-3230.11	1192.71
	343	-1599.44	0.35	-36.13	-162.18	1965.60	-1205.09
12	323	408.70	7.41	2.25	24.86	-75.90	-107.93
	333	-408.70	-7.41	-2.25	-24.86	-2.73	367.42
13	313	819.31	8.57	3.08	32.29	-188.96	155.83
	323	-819.31	-8.57	-3.08	-32.29	81.31	144.02
14	181	1643.99	2.67	4.47	34.05	-363.42	-632.92
	313	-1643.99	-2.67	-4.47	-34.05	206.88	726.28
15	277	230.57	22.52	11.52	693.85	-23.98	-562.45
	283	-230.57	-22.52	-11.52	-693.85	-379.06	1350.52
16	271	478.80	37.09	10.87	603.01	-736.31	-193.12
	277	-478.80	-37.09	-10.87	-603.01	355.85	1491.36
17	176	951.62	14.09	16.48	573.93	-1657.39	-1791.57
	271	-951.62	-14.09	-16.48	-573.93	1080.73	2284.74
18	272	1200.00	-227.72	-73.68	-490.76	-5081.27	10282.54
	278	-1200.00	227.72	73.68	490.76	7660.23	-18252.69
19	266	1101.07	-172.73	-56.85	-86.41	-2387.14	2863.12
	272	-1101.07	172.73	56.85	86.41	4377.04	-8908.67
20	175	1012.53	-121.49	-50.95	136.97	74.66	-1880.95
	266	-1012.53	121.49	50.95	-136.97	1708.74	-2371.36
21	508	-125.95	415.69	1.92	-928.19	-291.05	22839.99
	278	125.95	424.31	-1.92	928.19	-285.41	-24134.03

22	506	14.72	-24.09	-5.86	-47.96	1264.38	-6609.03
	500	-14.72	24.09	5.86	47.96	1161.33	-3371.00
23	167	129.60	24.98	-0.18	1160.97	-141.29	3688.83
	506	-129.60	-24.98	0.18	-1160.97	192.54	3547.30
24	507	-39.01	664.44	-1.17	-23.56	193.29	39109.11
	508	39.01	595.56	1.17	23.56	157.25	-28777.66
25	506	212.19	913.98	2.39	229.90	-619.18	63680.85
	507	-212.19	892.02	-2.39	-229.90	-409.59	-58959.16
26	505	192.92	809.75	-1.69	-174.97	469.24	53723.11
	506	-192.92	828.25	1.69	174.97	191.27	-57330.24
27	504	393.46	848.30	6.45	-15.33	-1949.99	45540.76
	505	-393.46	957.70	-6.45	15.33	-825.08	-69063.10
28	504	11.47	-8.12	-22.25	-198.06	5095.45	-2104.25
	498	-11.47	8.12	22.25	198.06	4121.33	-1260.28
29	161	60.56	6.77	-13.81	3860.69	1758.70	1088.55
	504	-60.56	-6.77	13.81	-3860.69	2242.16	872.93
30	499	127.60	605.59	5.99	-198.24	-472.94	42777.21
	498	-127.60	512.41	-5.99	198.24	-2103.86	-22743.40
31	500	95.86	503.28	0.44	310.01	-318.56	34956.55
	499	-95.86	510.72	-0.44	-310.01	147.11	-36405.83
32	501	113.32	553.12	1.79	-76.43	-215.05	35791.67
	500	-113.32	564.88	-1.79	76.43	-552.66	-38318.77
33	502	66.25	355.28	0.49	115.68	-143.44	16839.90
	501	-66.25	424.72	-0.49	-115.68	-2.63	-27254.84
34	503	59.24	436.75	0.37	130.27	-163.40	29773.97
	502	-59.24	343.25	-0.37	-130.27	51.12	-15749.70
35	496	100.12	329.81	-1.46	700.71	483.21	11018.24
	503	-100.12	435.19	1.46	-700.71	262.07	-37889.90
36	160	817.16	33.78	-401.90	3335.39	3280.33	2330.75
	504	-817.16	-33.78	401.90	-3335.39	38918.81	1215.99
37	163	1767.45	8.15	200.54	-355.84	-5716.60	1015.10
	505	-1767.45	-8.15	-200.54	355.84	-15339.99	-159.64
38	166	1655.74	84.55	-24.95	471.42	-2031.37	5410.70
	506	-1655.74	-84.55	24.95	-471.42	4651.23	3466.61
39	169	1556.46	3.56	251.20	-216.31	-6525.96	627.36
	507	-1556.46	-3.56	-251.20	216.31	-19850.05	-253.46
40	172	1011.25	-3.09	86.94	-133.80	-3191.25	580.18
	508	-1011.25	3.09	-86.94	133.80	-5937.67	-904.63
41	159	515.29	7.76	-105.35	1755.36	7161.84	1033.03
	498	-515.29	-7.76	105.35	-1755.36	21283.61	1062.04
42	162	1116.31	5.55	31.75	-325.83	-2200.02	991.05
	499	-1116.31	-5.55	-31.75	325.83	-6371.38	508.25
43	165	1084.39	21.75	-11.61	213.13	191.49	2889.03
	500	-1084.39	-21.75	11.61	-213.13	2943.67	2984.56
44	168	977.84	1.30	47.07	-217.69	-4172.49	158.47
	501	-977.84	-1.30	-47.07	217.69	-8536.83	192.11
45	171	698.54	0.11	7.01	-92.32	-801.83	15.83
	502	-698.54	-0.11	-7.01	92.32	-1090.20	14.59
46	174	871.94	1.84	-40.87	98.67	2920.03	-74.83
	503	-871.94	-1.84	40.87	-98.67	8115.93	570.44
47	177	996.72	42.60	139.00	-236.02	-9327.82	2785.81

	496	-996.72	-42.60	-139.00	236.02	-28201.63	8716.38
48	178	761.30	-7.29	9.12	181.58	803.78	49.36
	497	-761.30	7.29	-9.12	-181.58	-3265.13	-2017.07
49	278	201.28	560.72	1.14	-676.75	-302.38	62105.61
	496	62.72	456.89	-1.14	676.75	-448.29	-27995.38
50	497	10.87	399.09	3.76	-4806.99	-973.66	28208.01
	496	-10.87	208.91	-3.76	4806.99	-455.24	7925.18
51	478	3.58	501.79	-5.36	-1541.86	290.84	45033.39
	497	-3.58	362.21	5.36	1541.86	1155.24	-26190.94
52	173	146.29	153.48	-0.30	-1008.12	227.19	11495.56
	278	-51.79	209.77	0.30	1008.12	-103.57	-23234.24
53	283	18.22	-3.95	-6.10	723.16	1629.85	-1558.76
	478	-18.22	3.95	6.10	-723.16	1640.06	-556.82
54	173	57.34	7.89	4.11	387.32	-554.78	1592.48
	283	-57.34	-7.89	-4.11	-387.32	-750.49	914.48
55	483	362.27	1408.45	-3.84	27.86	646.16	185206.04
	484	-362.27	1144.57	3.84	-27.86	2419.73	-79940.39
56	482	88.33	780.71	1.30	-493.51	-7.37	73341.33
	483	-88.33	980.18	-1.30	493.51	-706.77	-128225.78
57	481	134.40	997.78	0.44	460.64	-142.37	96347.38
	482	-134.40	954.22	-0.44	-460.64	-123.63	-83064.45
58	480	82.33	888.18	-0.38	-9.00	170.75	91526.87
	481	-82.33	871.84	0.38	9.00	35.61	-87032.41
59	479	121.16	1034.25	-1.00	188.13	250.03	106256.55
	480	-121.16	1013.75	1.00	-188.13	391.82	-99698.21
60	478	87.66	823.59	2.28	-249.16	-952.36	59717.33
	479	-87.66	968.41	-2.28	249.16	-322.01	-100268.74
61	363	13.16	-10.14	3.88	-712.33	-977.94	-3433.55
	480	-13.16	10.14	-3.88	712.33	-1099.56	-1999.38
62	186	90.63	10.04	-11.15	-1676.34	2545.39	1858.59
	363	-90.63	-10.04	11.15	1676.34	999.41	1332.56
63	473	10.55	-7.89	21.25	-8837.25	-2394.00	-2191.49
	484	-10.55	7.89	-21.25	8837.25	-8139.52	-1719.38
64	255	0.98	-22.72	-9.70	3341.39	1516.49	-6828.22
	483	-0.98	22.72	9.70	-3341.39	3501.38	-4920.01
65	492	-9.57	4.06	12.38	4205.46	-1973.32	253.37
	489	9.57	-4.06	-12.38	-4205.46	-1739.86	965.81
66	494	211.79	1022.04	-2.51	-499.22	623.92	56345.07
	492	-211.79	1254.72	2.51	499.22	743.44	-120120.28
67	492	-8.37	-2.85	-7.96	3477.49	1843.42	-686.95
	495	8.37	2.85	7.96	-3477.49	1322.35	-445.35
68	491	259.63	634.41	1.31	173.40	-495.84	53502.21
	492	-259.63	801.65	-1.31	-173.40	-554.14	-120131.57
69	490	9.68	-5.97	-5.51	2158.17	1141.78	-662.24
	491	-9.68	5.97	5.51	-2158.17	496.67	-1113.21
70	489	576.85	761.02	-0.18	-97.44	-51.94	101766.69
	490	-576.85	673.00	0.18	97.44	196.99	-67357.32
71	488	240.59	418.82	-5.46	-321.74	1536.39	24035.97
	489	-240.59	558.10	5.46	321.74	1439.59	-62359.37
72	494	-0.70	-7.23	13.41	-6798.39	-2284.68	-1190.43
	488	0.70	7.23	-13.41	6798.39	-1736.82	-978.56

73	493	-1.10	1.65	-7.83	3525.31	1311.02	156.19
	494	1.10	-1.65	7.83	-3525.31	1801.72	499.36
74	493	355.31	650.60	2.49	-425.23	-727.45	43925.36
	495	-355.31	655.20	-2.49	425.23	-636.03	-45185.13
75	473	667.03	-582.28	9.55	1338.78	-2121.73	-26554.98
	490	-667.03	582.28	-9.55	-1338.78	546.64	-69520.98
76	382	933.92	110.71	-5.10	-3163.15	63.13	-11871.69
	473	-933.92	-110.71	5.10	3163.15	115.20	15746.55
77	293	1094.59	163.76	-6.67	-2800.25	133.83	-2789.20
	382	-1094.59	-163.76	6.67	2800.25	99.76	8520.72
78	200	1340.10	167.25	-6.90	-2658.68	252.09	6359.94
	293	-1340.10	-167.25	6.90	2658.68	-10.57	-506.28
79	255	1315.06	348.64	-14.85	-352.21	1708.98	22323.89
	489	-1315.06	-348.64	14.85	352.21	741.51	35201.86
80	245	1047.24	-128.20	68.47	479.01	1836.75	7066.24
	255	-1047.24	128.20	-68.47	-479.01	-4233.13	-11553.22
81	235	1214.97	-89.10	58.54	406.74	-1568.25	191.52
	245	-1214.97	89.10	-58.54	-406.74	-480.57	-3309.94
82	197	1934.35	-57.69	74.44	387.29	-5557.20	-1622.81
	235	-1934.35	57.69	-74.44	-387.29	2951.67	-396.21
83	443	426.05	253.99	4.76	-200.43	-128.50	11074.71
	488	-426.05	-253.99	-4.76	200.43	-656.83	30834.35
84	433	585.84	-87.84	2.21	-34.48	-212.78	4836.83
	443	-585.84	87.84	-2.21	34.48	135.26	-7911.16
85	423	866.92	-96.64	3.78	29.70	-408.69	-61.82
	433	-866.92	96.64	-3.78	-29.70	276.35	-3320.58
86	193	1565.50	-78.52	6.72	52.79	-721.63	-585.72
	423	-1565.50	78.52	-6.72	-52.79	486.31	-2162.35
87	201	640.37	-254.20	-7.61	0.83	916.70	-17279.11
	491	-640.37	254.20	7.61	-0.83	1138.03	-51353.75
88	196	2057.59	27.44	-3.37	59.40	290.02	6674.08
	492	-2057.59	-27.44	3.37	-59.40	620.06	734.97
89	192	1013.16	190.55	2.11	140.95	-376.76	5427.41
	494	-1013.16	-190.55	-2.11	-140.95	-191.85	46021.37
90	487	652.25	363.14	-1.39	583.57	-415.04	-3874.06
	493	-652.25	-363.14	1.39	-583.57	581.42	47450.67
91	185	1399.85	-249.64	-0.98	336.33	-375.84	-10900.50
	487	-1399.85	249.64	0.98	-336.33	523.30	-26544.82
92	486	286.54	817.11	0.45	-195.31	-84.06	84685.99
	487	-286.54	707.89	-0.45	195.31	-188.62	-51374.08
93	485	245.68	594.69	-1.70	230.06	756.86	29348.01
	486	-245.68	780.33	1.70	-230.06	177.02	-80400.47
94	186	-7.90	1.60	11.16	-1787.74	-2089.86	451.28
	485	7.90	-1.60	-11.16	1787.74	-2679.02	232.91
95	183	595.96	234.52	8.54	-1123.88	-951.08	8444.46
	485	-595.96	-234.52	-8.54	1123.88	-329.57	26734.18
96	184	1597.44	40.85	-1.03	92.96	94.31	1841.96
	486	-1597.44	-40.85	1.03	-92.96	59.92	4285.31
97	179	1323.52	77.98	10.92	676.30	-1098.56	7562.88
	478	-1323.52	-77.98	-10.92	-676.30	-1849.52	13491.05
98	182	2002.66	33.51	3.28	-71.97	-447.92	3058.90

	479	-2002.66	-33.51	-3.28	71.97	-437.29	5987.81
99	188	1907.52	-34.96	15.39	-264.33	-1937.21	-2283.95
	480	-1907.52	34.96	-15.39	264.33	-2218.28	-7156.04
100	191	1869.61	52.08	-1.19	-106.76	394.11	4745.91
	481	-1869.61	-52.08	1.19	106.76	-74.03	9315.83
101	194	1734.93	-46.07	1.95	-131.00	852.52	-2695.64
	482	-1734.93	46.07	-1.95	131.00	-1378.51	-9744.53
102	198	2409.86	263.90	20.62	2191.42	974.68	18632.24
	483	-2409.86	-263.90	-20.62	-2191.42	-6542.48	52620.97
103	199	1148.49	-340.84	-1.37	-2314.59	-133.70	-23151.57
	484	-1148.49	340.84	1.37	2314.59	503.92	-68874.74
179	472	-280.28	78.67	-2.26	22.90	-61.11	724.17
	473	280.28	91.99	2.26	-22.90	181.39	-1079.29
180	467	-37.30	85.76	-0.77	9.75	-25.36	759.41
	472	37.30	84.91	0.77	-9.75	66.44	-736.73
181	466	88.74	85.62	-0.26	5.61	-9.46	756.37
	467	-88.74	85.05	0.26	-5.61	23.40	-741.14
182	471	7.11e-015	-9.21	-1.07e-014	23.19	2.27e-013	-206.37
	200	-7.11e-015	9.21	1.07e-014	-23.19	1.14e-013	-284.78
183	470	3.55e-015	-3.48	1.07e-014	9.98	4.55e-013	-102.83
	471	-3.55e-015	3.48	-1.07e-014	-9.98	1.14e-013	-82.63
184	229	3.55e-015	-3.52	-1.07e-014	5.13	2.27e-013	-98.83
	470	-3.55e-015	3.52	1.07e-014	-5.13	-2.27e-013	-88.79
185	469	3.55e-015	-2.85	7.11e-015	3.51	-1.14e-013	-92.56
	229	-3.55e-015	2.85	-7.11e-015	-3.51	-1.14e-013	-59.35
186	468	0.00	-2.08	7.11e-015	3.01	3.41e-013	-74.88
	469	0.00	2.08	-7.11e-015	-3.01	3.41e-013	-36.08
187	228	0.00	-1.30	-7.11e-015	2.86	2.27e-013	-58.13
	468	0.00	1.30	7.11e-015	-2.86	2.27e-013	-10.98
188	465	170.28	85.53	-0.10	3.95	-3.41	742.44
	466	-170.28	85.13	0.10	-3.95	8.51	-731.82
189	464	231.00	85.44	-3.58e-002	3.26	-1.20	738.35
	465	-231.00	85.22	3.58e-002	-3.26	3.11	-732.51
190	459	272.74	85.41	-1.33e-002	2.98	-0.42	733.20
	464	-272.74	85.26	1.33e-002	-2.98	1.13	-729.02
191	458	295.22	85.36	-4.64e-003	2.87	-0.16	730.47
	459	-295.22	85.30	4.64e-003	-2.87	0.41	-728.95
192	457	298.45	85.32	-1.10e-003	2.82	-0.11	728.88
	458	-298.45	85.35	1.10e-003	-2.82	0.16	-729.67
193	456	282.42	85.27	1.09e-003	2.79	-0.17	729.15
	457	-282.42	85.39	-1.09e-003	-2.79	0.11	-732.28
194	463	3.55e-015	-0.52	-3.55e-015	2.82	-1.14e-013	-38.91
	228	-3.55e-015	0.52	3.55e-015	-2.82	-1.14e-013	11.14
195	462	0.00	0.26	1.78e-014	2.80	3.41e-013	-18.54
	463	0.00	-0.26	-1.78e-014	-2.80	4.55e-013	32.34
196	227	0.00	1.04	-3.55e-015	2.79	1.14e-013	3.68
	462	0.00	-1.04	3.55e-015	-2.79	1.14e-013	51.70
197	461	-3.55e-015	1.81	-3.55e-015	2.76	-2.27e-013	26.79
	227	3.55e-015	-1.81	3.55e-015	-2.76	-2.27e-013	69.89
198	460	3.55e-015	2.60	3.55e-015	2.65	3.41e-013	53.00
	461	-3.55e-015	-2.60	-3.55e-015	-2.65	0.00	85.65

199	226	-3.55e-015	3.35	-1.42e-014	2.32	-1.14e-013	76.70
	460	3.55e-015	-3.35	1.42e-014	-2.32	-1.14e-013	102.12
200	453	247.14	85.23	4.12e-003	2.76	-0.42	730.32
	456	-247.14	85.44	-4.12e-003	-2.76	0.20	-736.04
201	452	192.60	85.19	1.07e-002	2.70	-1.08	734.53
	453	-192.60	85.48	-1.07e-002	-2.70	0.51	-742.18
202	451	118.96	85.12	2.85e-002	2.60	-2.82	735.85
	452	-118.96	85.55	-2.85e-002	-2.60	1.30	-747.36
203	450	24.01	85.03	9.30e-002	2.42	-8.02	745.33
	451	-24.01	85.64	-9.30e-002	-2.42	3.06	-761.72
204	449	-111.39	84.93	0.37	0.84	-26.21	746.56
	450	111.39	85.73	-0.37	-0.84	6.41	-767.87
205	255	-314.84	89.34	0.52	-20.82	-35.99	981.46
	449	314.84	81.32	-0.52	20.82	8.12	-767.51
206	455	-3.55e-015	4.05	0.00	1.23	0.00	108.47
	226	3.55e-015	-4.05	0.00	-1.23	0.00	107.72
207	454	1.42e-014	4.29	3.55e-015	-2.72	4.55e-013	110.62
	455	-1.42e-014	-4.29	-3.55e-015	2.72	0.00	118.20
208	197	0.00	10.97	0.00	-27.99	1.71e-013	333.37
	454	0.00	-10.97	0.00	27.99	1.71e-013	251.89
209	254	-91.62	92.95	2.98e-002	12.65	4.28	921.55
	255	91.62	81.45	-2.98e-002	-12.65	-5.90	-608.39
210	253	-65.27	87.22	-0.19	-5.62	-0.95	798.41
	254	65.27	87.18	0.19	5.62	11.42	-797.43
211	252	-6.75	87.36	-3.65e-002	-6.24	-0.98	789.94
	253	6.75	87.04	3.65e-002	6.24	2.97	-781.24
212	251	25.76	87.22	-9.03e-003	-6.08	-0.48	785.38
	252	-25.76	87.18	9.03e-003	6.08	0.97	-784.39
213	250	35.47	87.21	-5.41e-003	-6.02	-5.04e-002	783.61
	251	-35.47	87.19	5.41e-003	6.02	0.35	-783.28
214	249	24.92	87.16	-8.21e-003	-5.96	0.43	783.87
	250	-24.92	87.24	8.21e-003	5.96	1.90e-002	-786.31
215	248	-5.48	87.09	-2.04e-002	-5.79	1.49	782.46
	249	5.48	87.31	2.04e-002	5.79	-0.38	-788.45
216	247	-57.37	86.98	-5.56e-002	-5.30	4.40	786.82
	248	57.37	87.42	5.56e-002	5.30	-1.37	-798.75
217	246	-145.60	86.96	-0.14	-3.99	11.98	788.65
	247	145.60	87.44	0.14	3.99	-4.45	-801.57
218	443	-296.23	90.73	-0.25	-1.06	27.63	976.13
	246	296.23	83.67	0.25	1.06	-14.04	-783.79
219	448	0.00	-8.87	-3.55e-015	19.78	-5.68e-014	-220.75
	197	0.00	8.87	3.55e-015	-19.78	0.00	-262.62
220	225	0.00	-2.39	-7.11e-015	-2.36	0.00	-67.98
	448	0.00	2.39	7.11e-015	2.36	5.68e-014	-62.42
221	447	0.00	-1.50	-1.07e-014	-5.08	0.00	-38.74
	225	0.00	1.50	1.07e-014	5.08	5.68e-014	-42.91
222	224	-7.11e-015	-0.69	-3.55e-015	-5.77	1.14e-013	-23.84
	447	7.11e-015	0.69	3.55e-015	5.77	1.71e-013	-13.90
223	446	-3.55e-015	6.41e-003	-1.42e-014	-5.97	5.68e-014	-4.09
	224	3.55e-015	-6.41e-003	1.42e-014	5.97	1.14e-013	4.44
224	223	0.00	0.79	0.00	-6.04	5.68e-014	18.30

	446	0.00	-0.79	0.00	6.04	-1.14e-013	24.92
225	445	-1.07e-014	1.55	-3.55e-015	-6.05	5.68e-014	39.86
	223	1.07e-014	-1.55	3.55e-015	6.05	1.14e-013	44.48
226	222	0.00	2.25	0.00	-6.00	0.00	66.82
	445	0.00	-2.25	0.00	6.00	5.68e-014	55.54
227	444	0.00	2.62	-3.55e-015	-5.81	5.68e-014	74.16
	222	0.00	-2.62	3.55e-015	5.81	5.68e-014	68.50
228	193	0.00	7.20	-5.33e-015	-5.75	1.14e-013	225.16
	444	0.00	-7.20	5.33e-015	5.75	5.68e-014	167.18
289	383	3.55e-015	-8.33	0.00	2.54	0.00	-226.52
	193	-3.55e-015	8.33	0.00	-2.54	1.14e-013	-281.58
290	221	3.55e-015	-3.52	1.78e-015	-0.41	-1.14e-013	-118.57
	383	-3.55e-015	3.52	-1.78e-015	0.41	0.00	-96.25
291	442	-108.52	153.87	-0.24	-2.03	3.00	1599.72
	443	108.52	151.13	0.24	2.03	11.61	-1516.01
292	441	30.84	152.73	-3.42e-002	-2.02	-0.49	1546.41
	442	-30.84	152.27	3.42e-002	2.02	2.57	-1532.45
293	440	143.28	152.78	-1.08e-003	-1.64	-0.45	1539.24
	441	-143.28	152.22	1.08e-003	1.64	0.51	-1522.05
294	439	209.16	152.60	-1.68e-004	-1.52	-0.17	1527.49
	440	-209.16	152.40	1.68e-004	1.52	0.19	-1521.46
295	380	-3.55e-015	-2.43	-1.78e-015	-1.16	-8.53e-014	-84.36
	221	3.55e-015	2.43	1.78e-015	1.16	5.68e-014	-64.09
296	220	3.55e-015	-1.26	8.88e-016	-1.41	2.84e-014	-58.66
	380	-3.55e-015	1.26	-8.88e-016	1.41	-5.68e-014	-18.07
297	379	3.55e-015	-0.18	2.66e-015	-1.48	-8.53e-014	-26.46
	220	-3.55e-015	0.18	-2.66e-015	1.48	5.68e-014	15.32
298	219	3.55e-015	0.95	2.66e-015	-1.49	5.68e-014	9.31
	379	-3.55e-015	-0.95	-2.66e-015	1.49	-2.84e-014	48.62
299	438	234.73	152.51	-1.01e-003	-1.49	-1.79e-002	1523.48
	439	-234.73	152.49	1.01e-003	1.49	7.98e-002	-1522.80
300	437	221.11	152.43	-2.50e-003	-1.48	0.13	1522.39
	438	-221.11	152.57	2.50e-003	1.48	1.85e-002	-1526.67
301	436	168.53	152.33	-7.17e-003	-1.42	0.49	1521.62
	437	-168.53	152.67	7.17e-003	1.42	-5.63e-002	-1532.28
302	435	75.94	152.13	-2.04e-002	-1.25	1.54	1525.98
	436	-75.94	152.87	2.04e-002	1.25	-0.30	-1548.38
303	376	3.55e-015	2.04	-2.66e-015	-1.50	-5.68e-014	45.06
	219	-3.55e-015	-2.04	2.66e-015	1.50	-1.71e-013	79.54
304	218	-3.55e-015	3.18	8.88e-016	-1.49	-8.53e-014	92.25
	376	3.55e-015	-3.18	-8.88e-016	1.49	5.68e-014	101.46
305	375	7.11e-015	4.11	2.66e-015	-1.43	-8.53e-014	121.14
	218	-7.11e-015	-4.11	-2.66e-015	1.43	2.84e-014	129.48
306	190	3.55e-015	8.75	3.55e-015	-1.48	2.84e-014	306.84
	375	-3.55e-015	-8.75	-3.55e-015	1.48	-8.53e-014	227.13
307	434	-67.33	152.21	-4.82e-002	-0.75	4.28	1536.14
	435	67.33	152.79	4.82e-002	0.75	-1.34	-1553.96
308	413	-276.90	154.39	-7.87e-002	0.20	10.47	1666.94
	434	276.90	150.61	7.87e-002	-0.20	-5.66	-1551.45
309	412	-298.82	135.24	0.25	2.49	10.41	1260.97
	413	298.82	139.76	-0.25	-2.49	-24.16	-1385.28

310	411	-131.48	137.74	0.11	4.40	3.57	1266.93
	412	131.48	137.26	-0.11	-4.40	-9.52	-1254.00
311	372	-7.11e-015	-8.97	8.88e-016	4.20	2.84e-014	-209.72
	190	7.11e-015	8.97	-8.88e-016	-4.20	0.00	-283.59
312	217	0.00	-3.83	0.00	5.14	1.42e-013	-106.11
	372	0.00	3.83	0.00	-5.14	-5.68e-014	-104.52
313	371	0.00	-2.99	3.55e-015	5.56	2.84e-014	-79.44
	217	0.00	2.99	-3.55e-015	-5.56	5.68e-014	-84.83
314	216	7.11e-015	-1.82	0.00	5.68	-7.11e-014	-57.61
	371	-7.11e-015	1.82	0.00	-5.68	-4.26e-014	-42.32
315	410	-20.28	137.78	4.16e-002	5.22	1.14	1262.50
	411	20.28	137.22	-4.16e-002	-5.22	-3.43	-1247.24
316	409	45.98	137.62	1.62e-002	5.54	0.27	1250.19
	410	-45.98	137.38	-1.62e-002	-5.54	-1.16	-1243.53
317	408	78.89	137.54	8.54e-003	5.64	-0.19	1246.81
	409	-78.89	137.46	-8.54e-003	-5.64	-0.27	-1244.86
318	407	80.06	137.47	9.76e-003	5.64	-0.79	1244.90
	408	-80.06	137.53	-9.76e-003	-5.64	0.26	-1246.55
319	368	-3.55e-015	-0.65	-3.11e-015	5.69	5.68e-014	-26.35
	216	3.55e-015	0.65	3.11e-015	-5.69	8.53e-014	-9.36
320	215	0.00	0.56	3.11e-015	5.61	9.95e-014	6.84
	368	0.00	-0.56	-3.11e-015	-5.61	-8.53e-014	24.07
321	367	-7.11e-015	1.73	-2.66e-015	5.31	9.95e-014	39.72
	215	7.11e-015	-1.73	2.66e-015	-5.31	-9.95e-014	55.46
322	214	0.00	2.90	8.88e-016	4.33	-6.39e-014	81.83
	367	0.00	-2.90	-8.88e-016	-4.33	-7.11e-014	77.63
323	406	49.48	137.38	2.01e-002	5.61	-2.14	1243.43
	407	-49.48	137.62	-2.01e-002	-5.61	1.03	-1249.80
324	405	-14.41	137.23	5.98e-002	5.63	-5.92	1246.98
	406	14.41	137.77	-5.98e-002	-5.63	2.63	-1261.80
325	404	-122.81	137.28	0.25	5.37	-19.50	1253.70
	405	122.81	137.72	-0.25	-5.37	5.49	-1265.93
326	363	-286.23	139.66	0.75	-4.01	-47.06	1379.06
	404	286.23	135.34	-0.75	4.01	5.87	-1260.48
327	364	-3.55e-015	3.75	3.33e-015	1.12	-6.39e-014	101.78
	214	3.55e-015	-3.75	-3.33e-015	-1.12	-6.39e-014	104.37
328	187	-3.55e-015	8.61	-2.44e-015	-14.50	-7.46e-014	270.96
	364	3.55e-015	-8.61	2.44e-015	14.50	-4.62e-014	202.58
389	362	-268.64	158.07	-0.21	0.86	3.33	1702.79
	363	268.64	161.93	0.21	-0.86	10.04	-1826.19
390	361	-49.90	160.28	-0.10	-5.09	-1.56	1708.74
	362	49.90	159.72	0.10	5.09	7.70	-1690.91
391	302	-3.55e-015	-7.99	-2.19e-015	10.82	-9.06e-014	-217.21
	187	3.55e-015	7.99	2.19e-015	-10.82	-4.09e-014	-294.22
392	213	-3.55e-015	-3.79	-2.30e-015	-1.98	-8.66e-014	-125.72
	302	3.55e-015	3.79	2.30e-015	1.98	-3.91e-014	-116.96
393	301	0.00	-2.83	3.33e-016	-3.80	5.33e-014	-96.72
	213	0.00	2.83	-3.33e-016	3.80	9.95e-014	-84.24
394	212	0.00	-1.72	-1.33e-015	-4.33	1.10e-013	-73.68
	301	0.00	1.72	1.33e-015	4.33	-7.11e-014	-36.66
395	360	95.06	160.37	-1.53e-002	-4.63	-1.06	1703.64

	361	-95.06	159.63	1.53e-002	4.63	2.04	-1680.22
396	359	186.43	160.17	-4.60e-003	-4.50	-0.38	1687.10
	360	-186.43	159.83	4.60e-003	4.50	0.68	-1676.36
397	358	234.07	160.05	-2.95e-003	-4.48	-5.62e-002	1681.25
	359	-234.07	159.95	2.95e-003	4.48	0.25	-1678.01
398	357	238.79	159.97	-4.13e-003	-4.47	0.20	1678.28
	358	-238.79	160.03	4.13e-003	4.47	6.68e-002	-1680.17
399	298	0.00	-0.66	1.33e-015	-4.46	2.13e-014	-41.93
	212	0.00	0.66	-1.33e-015	4.46	7.11e-014	-0.56
400	211	0.00	0.43	-2.89e-015	-4.49	-7.11e-014	-7.34
	298	0.00	-0.43	2.89e-015	4.49	-1.42e-014	34.84
401	297	0.00	1.49	-4.44e-016	-4.48	7.11e-014	28.11
	211	0.00	-1.49	4.44e-016	4.48	-1.14e-013	67.25
402	210	-7.11e-015	2.59	-3.55e-015	-4.42	8.53e-014	74.71
	297	7.11e-015	-2.59	3.55e-015	4.42	-8.53e-014	91.18
403	356	200.57	159.85	-1.08e-002	-4.41	0.76	1675.98
	357	-200.57	160.15	1.08e-002	4.41	-6.94e-002	-1685.34
404	355	118.57	159.66	-3.20e-002	-4.19	2.45	1678.91
	356	-118.57	160.34	3.20e-002	4.19	-0.41	-1700.95
405	354	-17.11	159.74	-8.85e-002	-3.51	7.43	1689.01
	355	17.11	160.26	8.85e-002	3.51	-1.76	-1705.77
406	333	-224.27	161.66	-0.20	-1.78	19.70	1811.51
	354	224.27	158.34	0.20	1.78	-7.10	-1705.27
407	294	0.00	3.57	-3.11e-015	-4.13	-5.68e-014	107.77
	210	0.00	-3.57	3.11e-015	4.13	-1.42e-014	120.99
408	181	0.00	7.71	2.22e-015	-3.47	1.42e-014	279.05
	294	0.00	-7.71	-2.22e-015	3.47	7.11e-014	214.35
409	332	-242.20	137.78	0.13	0.64	7.79	1303.95
	333	242.20	142.22	-0.13	-0.64	-15.27	-1428.18
410	331	-61.78	140.26	6.93e-002	1.86	2.36	1308.11
	332	61.78	139.74	-6.93e-002	-1.86	-6.24	-1293.61
411	292	0.00	-9.09	-8.88e-016	2.38	8.53e-014	-220.96
	181	0.00	9.09	8.88e-016	-2.38	5.68e-014	-288.25
412	209	3.55e-015	-4.06	-2.66e-015	2.64	5.68e-014	-120.22
	292	-3.55e-015	4.06	2.66e-015	-2.64	-2.84e-014	-107.29
413	291	0.00	-3.22	8.88e-016	2.82	0.00	-93.66
	209	0.00	3.22	-8.88e-016	-2.82	-2.84e-014	-86.65
414	208	-3.55e-015	-2.05	2.66e-015	2.86	-2.84e-014	-72.30
	291	3.55e-015	2.05	-2.66e-015	-2.86	1.14e-013	-42.72
415	330	60.08	140.31	2.90e-002	2.50	0.67	1303.39
	331	-60.08	139.69	-2.90e-002	-2.50	-2.30	-1286.26
416	329	135.81	140.14	1.17e-002	2.74	0.10	1289.91
	330	-135.81	139.86	-1.17e-002	-2.74	-0.75	-1281.89
417	328	177.16	140.05	7.33e-003	2.80	-0.27	1285.82
	329	-177.16	139.95	-7.33e-003	-2.80	-0.14	-1282.82
418	327	185.63	139.98	1.10e-002	2.77	-0.91	1283.08
	328	-185.63	140.02	-1.10e-002	-2.77	0.30	-1283.92
419	288	-3.55e-015	-0.90	-8.88e-016	2.85	-2.84e-014	-41.43
	208	3.55e-015	0.90	8.88e-016	-2.85	-1.14e-013	-8.94
420	207	0.00	0.30	-1.78e-015	2.78	-5.68e-014	-8.67
	288	0.00	-0.30	1.78e-015	-2.78	1.14e-013	25.39

421	287	0.00	1.45	0.00	2.52	-2.84e-014	24.00
	207	0.00	-1.45	0.00	-2.52	-5.68e-014	57.26
422	206	-3.55e-015	2.67	3.55e-015	1.66	-5.68e-014	67.45
	287	3.55e-015	-2.67	-3.55e-015	-1.66	-1.14e-013	81.88
423	326	161.11	139.90	2.58e-002	2.65	-2.51	1281.58
	327	-161.11	140.10	-2.58e-002	-2.65	1.07	-1287.06
424	325	102.95	139.76	7.41e-002	2.45	-7.06	1284.46
	326	-102.95	140.24	-7.41e-002	-2.45	2.91	-1297.81
425	324	4.62	139.77	0.27	1.85	-22.16	1289.21
	325	-4.62	140.23	-0.27	-1.85	6.97	-1302.27
426	283	-143.51	141.84	0.89	-4.15	-61.75	1394.27
	324	143.51	138.16	-0.89	4.15	11.95	-1290.97
427	284	-3.55e-015	3.57	1.78e-015	-1.07	0.00	89.05
	206	3.55e-015	-3.57	-1.78e-015	1.07	-5.68e-014	110.81
428	176	0.00	7.90	-3.55e-015	-11.80	-1.14e-013	257.34
	284	0.00	-7.90	3.55e-015	11.80	-1.14e-013	185.32
444	282	-187.76	42.24	-0.15	-7.10	4.65	398.72
	283	187.76	44.16	0.15	7.10	3.59	-450.49
445	281	-127.45	43.22	-9.29e-002	-7.89	4.10	395.11
	282	127.45	43.18	9.29e-002	7.89	0.92	-393.86
446	280	-90.41	43.29	-0.23	-4.57	13.95	398.12
	281	90.41	43.11	0.23	4.57	-1.77	-393.02
447	279	-90.39	43.00	-0.52	4.59	37.77	381.26
	280	90.39	43.40	0.52	-4.59	-9.79	-391.82
448	278	-161.26	46.78	0.95	41.63	-4.15	587.65
	279	161.26	39.62	-0.95	-41.63	-47.41	-394.11
449	205	7.11e-015	-3.25	1.78e-015	-3.47e-002	-1.71e-013	-77.59
	176	-7.11e-015	3.25	-1.78e-015	3.47e-002	5.68e-014	-98.09
450	204	0.00	-1.14	1.78e-015	-6.93	0.00	-24.13
	205	0.00	1.14	-1.78e-015	6.93	0.00	-37.39
451	203	0.00	-1.05	0.00	-9.45	0.00	-21.14
	204	0.00	1.05	0.00	9.45	5.68e-014	-35.73
452	202	7.11e-015	-1.06	0.00	-12.42	0.00	-24.75
	203	-7.11e-015	1.06	0.00	12.42	0.00	-32.62
453	175	-7.11e-015	1.76	-5.33e-015	-4.97	-5.68e-014	44.70
	202	7.11e-015	-1.76	5.33e-015	4.97	-5.68e-014	50.18
454	101	696.16	4.84	-11.14	5.58	1656.45	221.03
	201	-696.16	-4.84	11.14	-5.58	2354.26	1521.93
455	100	1853.18	-31.24	-3.03	5.58	320.23	-3755.11
	200	-1853.18	31.24	3.03	-5.58	771.71	-7491.24
456	99	1174.72	26.88	8.15	5.58	-1392.18	2673.82
	199	-1174.72	-26.88	-8.15	-5.58	-1542.13	7003.28
457	98	2410.44	-33.93	38.26	17.87	-6226.02	-3723.02
	198	-2410.44	33.93	-38.26	-17.87	-7548.37	-8490.79
458	97	3293.24	4.27	-7.43	5.58	390.72	159.69
	197	-3293.24	-4.27	7.43	-5.58	2283.92	1375.97
459	96	1957.69	2.57	-17.29	5.58	2530.56	-271.24
	196	-1957.69	-2.57	17.29	-5.58	3694.26	1195.88
460	95	645.81	-8.22	-9.31	5.58	1204.08	-1404.63
	195	-645.81	8.22	9.31	-5.58	2147.19	-1555.10
461	85	1380.78	-1.14	-2.34	5.58	147.59	-413.48

	185	-1380.78	1.14	2.34	-5.58	694.73	4.43
462	92	2372.38	-79.46	-3.55	5.58	251.54	-8731.71
	192	-2372.38	79.46	3.55	-5.58	1027.05	-19875.57
463	93	2809.10	-2.76	-2.62	5.58	40.36	120.06
	193	-2809.10	2.76	2.62	-5.58	903.69	-1114.86
464	94	1744.87	3.22	3.56	5.58	-497.05	263.60
	194	-1744.87	-3.22	-3.56	-5.58	-782.85	895.71
465	91	1864.71	1.54	3.62	5.58	-694.38	545.27
	191	-1864.71	-1.54	-3.62	-5.58	-609.78	10.65
466	90	3015.39	9.84	-1.01	5.58	-73.40	1400.36
	190	-3015.39	-9.84	1.01	-5.58	436.89	2140.99
467	89	2695.38	33.14	-1.93	5.58	40.77	4040.46
	189	-2695.38	-33.14	1.93	-5.58	655.21	7890.56
468	84	1561.02	8.17	-1.70	5.58	210.22	1372.33
	184	-1561.02	-8.17	1.70	-5.58	403.09	1568.74
469	83	625.59	5.72	-5.82	5.58	764.05	1191.81
	183	-625.59	-5.72	5.82	-5.58	1331.11	867.54
470	86	1743.48	25.08	-9.50	5.58	1136.02	3185.42
	186	-1743.48	-25.08	9.50	-5.58	2283.79	5842.67
471	87	2928.04	-5.27	-4.51	5.58	-60.84	-643.05
	187	-2928.04	5.27	4.51	-5.58	1684.51	-1255.44
472	88	1935.35	3.76	6.21	5.58	-1203.81	546.87
	188	-1935.35	-3.76	-6.21	-5.58	-1031.81	808.19
473	80	1087.28	4.09	-1.55	5.58	42.19	612.08
	180	-1087.28	-4.09	1.55	-5.58	515.94	862.04
474	81	3036.63	9.48	-0.88	5.58	-129.45	1357.40
	181	-3036.63	-9.48	0.88	-5.58	446.28	2055.79
475	82	1984.42	1.37	0.60	5.58	-287.02	290.15
	182	-1984.42	-1.37	-0.60	-5.58	69.55	202.41
476	73	993.73	14.89	-2.59	5.58	298.27	1717.57
	173	-993.73	-14.89	2.59	-5.58	632.81	3642.76
477	76	1716.98	18.56	-3.56	5.58	273.03	2632.78
	176	-1716.98	-18.56	3.56	-5.58	1008.53	4047.56
478	72	939.87	-1.45	7.03	5.58	-1364.22	-47.60
	172	-939.87	1.45	-7.03	-5.58	-1165.08	-472.83
479	79	1298.29	8.31	3.19	5.58	-768.97	1407.07
	179	-1298.29	-8.31	-3.19	-5.58	-379.44	1585.62
480	75	1211.52	9.77	3.55	5.58	-495.78	1480.74
	175	-1211.52	-9.77	-3.55	-5.58	-780.69	2035.33
481	78	818.81	6.09	-0.14	5.58	-267.42	909.50
	178	-818.81	-6.09	0.14	-5.58	318.60	1284.42
482	70	697.02	1.92	8.18	5.58	-1108.60	187.25
	170	-697.02	-1.92	-8.18	-5.58	-1837.17	505.61
483	69	1523.35	-2.52	5.02	5.58	-1183.98	-179.13
	169	-1523.35	2.52	-5.02	-5.58	-622.96	-726.47
484	66	1620.73	-8.81	5.37	5.58	-969.97	-1158.38
	166	-1620.73	8.81	-5.37	-5.58	-962.99	-2013.74
485	67	790.46	-14.06	1.66	5.58	-581.83	-1918.85
	167	-790.46	14.06	-1.66	-5.58	-15.24	-3142.14
486	64	782.88	-3.89	8.99	5.58	-1086.39	-340.02
	164	-782.88	3.89	-8.99	-5.58	-2148.96	-1058.97

487	63	1744.88	-4.05	-6.83	5.58	614.65	-346.41
	163	-1744.88	4.05	6.83	-5.58	1844.08	-1111.67
488	61	354.28	-7.82	-22.72	5.58	2178.22	-1129.05
	161	-354.28	7.82	22.72	-5.58	5999.24	-1685.84
489	60	807.31	-5.82	-0.48	5.58	189.52	-796.86
	160	-807.31	5.82	0.48	-5.58	-18.48	-1297.98
490	59	538.16	1.34	8.58	5.58	-877.96	311.68
	159	-538.16	-1.34	-8.58	-5.58	-2212.60	172.42
491	62	1093.52	-1.25	-3.03	5.58	120.06	7.17
	162	-1093.52	1.25	3.03	-5.58	972.42	-456.90
492	65	1116.66	3.92	6.44	5.58	-1012.29	652.54
	165	-1116.66	-3.92	-6.44	-5.58	-1307.30	759.29
493	68	960.32	1.14	4.17	5.58	-896.76	195.93
	168	-960.32	-1.14	-4.17	-5.58	-604.36	214.33
494	71	749.86	4.07	4.93	5.58	-921.14	574.39
	171	-749.86	-4.07	-4.93	-5.58	-852.35	892.27
495	74	843.62	3.42	6.35	5.58	-862.99	559.43
	174	-843.62	-3.42	-6.35	-5.58	-1422.17	672.75
496	77	997.70	-5.74	-10.89	5.58	840.81	-741.78
	177	-997.70	5.74	10.89	-5.58	3079.01	-1325.68
497	166	0.00	-19.75	0.00	-446.07	-3.41e-013	-3328.30
	167	0.00	19.75	0.00	446.07	-1.14e-013	-2003.53
498	165	2.84e-014	27.89	0.00	-141.22	5.68e-014	4124.99
	166	-2.84e-014	-27.89	0.00	141.22	1.14e-013	6473.34
499	163	2.84e-014	-5.21	-1.11e-016	-10.53	0.00	-437.58
	160	-2.84e-014	5.21	1.11e-016	10.53	0.00	-1801.35
500	166	0.00	17.37	1.11e-016	-107.09	-4.26e-014	2462.67
	163	0.00	-17.37	-1.11e-016	107.09	-1.42e-014	4310.09
501	169	0.00	4.74	5.55e-017	144.83	-1.42e-014	1202.84
	166	0.00	-4.74	-5.55e-017	-144.83	0.00	836.54
502	172	-8.53e-014	37.85	1.11e-016	45.72	-7.11e-015	5409.72
	169	8.53e-014	-37.85	-1.11e-016	-45.72	0.00	5946.08
503	160	-5.68e-014	-6.19	-1.78e-015	-1916.05	-1.14e-013	-936.28
	161	5.68e-014	6.19	1.78e-015	1916.05	-2.27e-013	-734.10
504	159	0.00	8.86	-2.22e-016	-455.55	-1.14e-013	1388.12
	160	0.00	-8.86	2.22e-016	455.55	-1.14e-013	1979.58
505	162	-2.84e-014	-14.01	-4.44e-016	-182.67	5.68e-014	-1529.64
	159	2.84e-014	14.01	4.44e-016	182.67	0.00	-4493.69
506	165	0.00	8.78	0.00	351.48	-1.14e-013	665.32
	162	0.00	-8.78	0.00	-351.48	-1.14e-013	2757.24
507	168	-8.53e-014	4.40	0.00	-125.19	0.00	1302.07
	165	8.53e-014	-4.40	0.00	125.19	1.42e-014	591.71
508	171	0.00	21.93	0.00	247.61	-1.42e-014	3102.98
	168	0.00	-21.93	0.00	-247.61	0.00	3474.78
509	174	-5.68e-014	-13.16	1.67e-016	-118.72	-3.55e-015	-2444.56
	171	5.68e-014	13.16	-1.67e-016	118.72	0.00	-1502.47
510	177	-5.68e-014	11.72	-5.55e-017	-424.95	0.00	4688.56
	174	5.68e-014	-11.72	5.55e-017	424.95	0.00	1289.44
511	164	-1.14e-013	432.67	-4.44e-016	136.81	0.00	29214.42
	161	1.14e-013	319.83	4.44e-016	-136.81	5.68e-014	-4954.55
512	167	1.42e-013	332.29	4.44e-016	-922.16	-5.68e-014	23570.84

	164	-1.42e-013	350.21	-4.44e-016	922.16	-5.68e-014	-27065.46
513	170	-5.68e-014	384.33	-1.11e-016	1628.06	-2.84e-014	26343.28
	167	5.68e-014	368.17	1.11e-016	-1628.06	-2.84e-014	-22868.42
514	173	0.00	212.31	1.11e-016	2133.67	-2.84e-014	9449.07
	170	0.00	312.69	-1.11e-016	-2133.67	1.42e-014	-24506.11
515	176	5.68e-014	-9.74	1.11e-016	-19.91	-3.55e-015	-1303.92
	173	-5.68e-014	9.74	-1.11e-016	19.91	7.11e-015	-1616.81
516	179	2.84e-014	8.79	5.55e-017	-379.05	7.11e-015	2033.52
	176	-2.84e-014	-8.79	-5.55e-017	379.05	0.00	2450.53
517	186	1.78e-015	-2.09	1.11e-016	1016.96	0.00	-185.11
	183	-1.78e-015	2.09	-1.11e-016	-1016.96	-7.11e-015	-651.39
518	187	1.60e-014	-11.69	0.00	-1787.05	-1.78e-015	-1759.58
	186	-1.60e-014	11.69	0.00	1787.05	-7.11e-015	-1747.57
519	188	-4.35e-014	15.04	1.11e-016	291.55	1.42e-014	3322.84
	187	4.35e-014	-15.04	-1.11e-016	-291.55	2.84e-014	4346.51
520	196	-1.42e-013	-5.22	-1.67e-016	855.06	2.84e-014	-510.99
	195	1.42e-013	5.22	1.67e-016	-855.06	1.42e-014	-1563.49
521	197	-5.68e-014	-16.62	-8.33e-017	-15.91	2.13e-014	-2639.82
	196	5.68e-014	16.62	8.33e-017	15.91	7.11e-015	-2345.08
522	198	5.68e-014	28.75	5.55e-017	-966.46	7.11e-015	6367.93
	197	-5.68e-014	-28.75	-5.55e-017	966.46	0.00	7722.60
523	200	1.14e-013	-22.82	-2.78e-017	-2437.70	1.60e-014	-3748.64
	201	-1.14e-013	22.82	2.78e-017	2437.70	3.55e-014	-3040.73
524	199	2.84e-014	10.38	1.11e-016	2478.75	-7.11e-015	2060.92
	200	-2.84e-014	-10.38	-1.11e-016	-2478.75	-2.84e-014	2794.08
525	185	-7.11e-015	-27.95	0.00	-476.08	-1.14e-013	-8923.93
	195	7.11e-015	27.95	0.00	476.08	0.00	-6377.10
526	184	-2.84e-014	-8.88	5.55e-017	-157.18	5.68e-014	-3443.59
	185	2.84e-014	8.88	-5.55e-017	157.18	8.53e-014	-1972.14
527	183	0.00	27.54	-2.78e-017	309.07	-1.42e-014	8293.73
	184	0.00	-27.54	2.78e-017	-309.07	7.11e-014	6855.77
528	196	-8.88e-016	-32.96	0.00	292.23	5.68e-014	-13159.33
	201	8.88e-016	32.96	0.00	-292.23	2.84e-014	-13293.17
529	192	1.78e-015	156.56	0.00	-783.91	-5.68e-014	62811.48
	196	-1.78e-015	-156.56	0.00	783.91	1.14e-013	22514.83
530	189	0.00	1420.35	1.11e-016	-133.62	-1.14e-013	143655.61
	192	0.00	1202.65	-1.11e-016	133.62	2.84e-014	-77259.64
531	186	8.88e-015	1089.96	-1.94e-016	521.59	1.28e-013	84869.62
	189	-8.88e-015	1275.04	1.94e-016	-521.59	-2.13e-014	-135765.05
532	180	-1.51e-014	546.22	-9.71e-017	-534.61	2.84e-014	55683.79
	186	1.51e-014	605.78	9.71e-017	534.61	0.00	-74739.97
533	173	-5.33e-015	466.94	4.44e-016	-18.66	-2.84e-014	34070.44
	180	5.33e-015	541.06	-4.44e-016	18.66	5.68e-014	-54821.75
534	172	3.55e-015	-92.99	4.44e-015	-999.71	0.00	-4742.42
	173	-3.55e-015	92.99	-4.44e-015	999.71	-2.27e-013	-20365.12
535	171	3.55e-015	16.24	-4.44e-016	53.68	-2.27e-013	1274.43
	172	-3.55e-015	-16.24	4.44e-016	-53.68	-3.41e-013	4895.48
536	174	0.00	-3.44	0.00	-342.74	-1.14e-013	904.15
	175	0.00	3.44	0.00	342.74	-1.14e-013	-2209.70
537	198	1.42e-014	-15.84	-2.22e-016	-13.55	0.00	1022.44
	199	-1.42e-014	15.84	2.22e-016	13.55	0.00	-13663.60

538	194	0.00	12.32	0.00	80.49	1.71e-013	-1438.52
	198	0.00	-12.32	0.00	-80.49	0.00	8219.20
539	191	0.00	2.38	-1.11e-016	104.37	-8.53e-014	1813.65
	194	0.00	-2.38	1.11e-016	-104.37	5.68e-014	-359.58
540	188	0.00	7.29	5.27e-016	-97.92	-7.11e-014	1063.54
	191	0.00	-7.29	-5.27e-016	97.92	-6.39e-014	2943.38
541	182	0.00	-5.50	-9.71e-017	260.73	3.55e-014	-1275.00
	188	0.00	5.50	9.71e-017	-260.73	4.97e-014	-2248.18
542	179	1.42e-014	12.74	2.22e-016	-117.63	2.84e-014	2596.64
	182	-1.42e-014	-12.74	-2.22e-016	117.63	0.00	4536.30
543	178	0.00	46.76	3.55e-015	437.88	-2.27e-013	6452.56
	179	0.00	-46.76	-3.55e-015	-437.88	0.00	6172.82
544	177	0.00	-10.75	8.88e-016	1560.26	1.14e-013	1035.18
	178	0.00	10.75	-8.88e-016	-1560.26	2.27e-013	-5118.78
545	66	0.00	-23.56	0.00	17.57	2.84e-014	-3318.35
	67	0.00	23.56	0.00	-17.57	2.84e-014	-3043.39
546	65	0.00	5.64	1.11e-016	21.91	0.00	858.74
	66	0.00	-5.64	-1.11e-016	-21.91	1.42e-014	1284.84
547	63	-2.84e-014	-9.17	0.00	165.87	-5.68e-014	-2430.51
	60	2.84e-014	9.17	0.00	-165.87	-5.68e-014	-1511.06
548	66	2.84e-014	7.54	-2.22e-016	-213.82	0.00	1245.82
	63	-2.84e-014	-7.54	2.22e-016	213.82	-2.84e-014	1693.88
549	69	0.00	-2.17	5.55e-017	161.55	1.42e-014	-826.34
	66	0.00	2.17	-5.55e-017	-161.55	0.00	-104.82
550	72	-2.84e-014	18.70	-1.11e-016	-6.15	4.26e-014	2919.40
	69	2.84e-014	-18.70	1.11e-016	6.15	7.11e-015	2689.59
551	60	-5.68e-014	-16.07	4.44e-016	539.42	0.00	-2294.37
	61	5.68e-014	16.07	-4.44e-016	-539.42	-1.14e-013	-2044.46
552	59	-5.68e-014	2.80	4.44e-016	-6.94	0.00	289.71
	60	5.68e-014	-2.80	-4.44e-016	6.94	0.00	775.34
553	62	5.68e-014	-1.09	2.22e-016	-7.51	-1.14e-013	-541.25
	59	-5.68e-014	1.09	-2.22e-016	7.51	-1.14e-013	70.85
554	65	2.84e-014	1.78	1.11e-016	12.08	0.00	335.23
	62	-2.84e-014	-1.78	-1.11e-016	-12.08	0.00	358.55
555	68	0.00	2.29	0.00	-77.55	-1.42e-014	368.28
	65	0.00	-2.29	0.00	77.55	-1.42e-014	618.45
556	71	-2.84e-014	5.83	5.55e-017	16.13	-1.42e-014	951.19
	68	2.84e-014	-5.83	-5.55e-017	-16.13	-7.11e-015	798.89
557	74	-2.84e-014	1.22	8.33e-017	39.38	-4.44e-015	448.30
	71	2.84e-014	-1.22	-8.33e-017	-39.38	-7.11e-015	-81.43
558	77	1.42e-014	-0.29	-8.33e-017	-107.94	7.11e-015	-303.55
	74	-1.42e-014	0.29	8.33e-017	107.94	7.11e-015	154.03
559	64	0.00	-3.34	-1.11e-016	166.48	0.00	-325.04
	61	0.00	3.34	1.11e-016	-166.48	0.00	-1109.34
560	67	-1.42e-014	3.35	1.11e-016	-232.91	2.84e-014	327.28
	64	1.42e-014	-3.35	-1.11e-016	232.91	5.68e-014	978.11
561	70	0.00	3.55	5.55e-017	109.27	-2.84e-014	962.05
	67	0.00	-3.55	-5.55e-017	-109.27	0.00	563.43
562	73	0.00	0.71	-2.22e-016	-9.25	2.84e-014	264.89
	70	0.00	-0.71	2.22e-016	9.25	1.42e-014	-51.48
563	76	-1.42e-014	-13.84	-5.55e-017	364.16	3.38e-014	-2240.37

	73	1.42e-014	13.84	5.55e-017	-364.16	5.68e-014	-1911.71
564	79	-7.11e-015	6.24	6.94e-018	-4.17	8.88e-016	1359.87
	76	7.11e-015	-6.24	-6.94e-018	4.17	1.78e-015	1822.89
565	86	1.33e-014	-6.87	1.11e-016	-178.17	-1.42e-014	-1429.36
	83	-1.33e-014	6.87	-1.11e-016	178.17	7.11e-015	-1319.30
566	87	-2.44e-015	-2.68	4.16e-017	-25.83	4.44e-016	-447.29
	86	2.44e-015	2.68	-4.16e-017	25.83	-1.78e-015	-356.15
567	88	-6.88e-015	7.68	0.00	12.52	-1.78e-015	2073.95
	87	6.88e-015	-7.68	0.00	-12.52	-1.78e-015	1840.98
568	96	5.68e-014	-9.56	-2.78e-017	-89.34	0.00	-1559.96
	95	-5.68e-014	9.56	2.78e-017	89.34	2.84e-014	-2240.30
569	97	0.00	-34.96	-2.08e-017	86.29	1.51e-014	-6101.39
	96	0.00	34.96	2.08e-017	-86.29	1.07e-014	-4387.32
570	98	0.00	28.79	0.00	58.46	-3.55e-015	7302.11
	97	0.00	-28.79	0.00	-58.46	-3.55e-015	6807.65
571	100	-5.68e-014	-23.39	1.39e-016	211.38	4.60e-014	-3929.44
	101	5.68e-014	23.39	-1.39e-016	-211.38	2.49e-014	-3028.93
572	99	2.84e-014	9.96	5.55e-017	-223.49	-7.11e-015	2032.20
	100	-2.84e-014	-9.96	-5.55e-017	223.49	-7.11e-015	2624.51
573	85	-7.11e-015	-9.72	0.00	-185.80	5.68e-014	-2932.73
	95	7.11e-015	9.72	0.00	185.80	2.84e-014	-2388.86
574	84	7.11e-015	2.74	0.00	75.91	-5.68e-014	-250.93
	85	-7.11e-015	-2.74	0.00	-75.91	-1.42e-014	1921.11
575	83	1.42e-014	8.59	-5.55e-017	34.29	-2.84e-014	2171.76
	84	-1.42e-014	-8.59	5.55e-017	-34.29	-7.11e-015	2554.33
576	96	1.78e-015	-1.12	0.00	59.49	0.00	-179.60
	101	-1.78e-015	1.12	0.00	-59.49	1.42e-014	-716.55
577	92	-5.33e-015	-16.79	1.11e-016	-498.04	0.00	-6749.53
	96	5.33e-015	16.79	-1.11e-016	498.04	0.00	-2401.55
578	89	4.44e-015	3.33	-5.55e-017	-27.65	-1.42e-014	1850.80
	92	-4.44e-015	-3.33	5.55e-017	27.65	1.42e-014	182.67
579	86	-3.55e-015	10.07	5.55e-017	132.41	-7.11e-015	2597.54
	89	3.55e-015	-10.07	-5.55e-017	-132.41	1.78e-014	2938.99
580	80	-9.77e-015	2.59	1.39e-017	-111.93	1.42e-014	972.12
	86	9.77e-015	-2.59	-1.39e-017	111.93	-1.42e-014	685.50
581	73	1.78e-015	-3.21e-002	-1.11e-016	81.11	2.84e-014	282.97
	80	-1.78e-015	3.21e-002	1.11e-016	-81.11	5.68e-014	-300.93
582	72	8.88e-015	1.43	0.00	-798.45	0.00	-392.91
	73	-8.88e-015	-1.43	0.00	798.45	0.00	780.13
583	71	-7.11e-015	2.44	0.00	191.35	0.00	539.53
	72	7.11e-015	-2.44	0.00	-191.35	0.00	387.61
584	97	-1.78e-015	-7.93	0.00	-239.86	0.00	-2834.14
	100	1.78e-015	7.93	0.00	239.86	-5.68e-014	-3506.16
585	93	7.11e-015	1.51	-1.11e-016	145.37	2.84e-014	-988.66
	97	-7.11e-015	-1.51	1.11e-016	-145.37	0.00	1810.00
586	90	-3.55e-015	10.54	2.22e-016	35.74	-2.84e-014	3543.46
	93	3.55e-015	-10.54	-2.22e-016	-35.74	-1.42e-014	2885.92
587	87	0.00	-2.00	8.33e-017	-307.26	2.13e-014	-96.62
	90	0.00	2.00	-8.33e-017	307.26	-1.07e-014	-1004.28
588	81	0.00	-3.71	-2.78e-017	211.11	2.13e-014	-1574.73
	87	0.00	3.71	2.78e-017	-211.11	2.84e-014	-797.47

589	76	7.11e-015	10.31	0.00	46.89	0.00	2535.83
	81	-7.11e-015	-10.31	0.00	-46.89	-1.42e-014	3236.99
590	75	-7.11e-015	11.75	8.88e-016	89.93	1.14e-013	1992.72
	76	7.11e-015	-11.75	-8.88e-016	-89.93	1.14e-013	1178.65
591	74	7.11e-015	2.15	-4.44e-016	-53.05	5.68e-014	846.14
	75	-7.11e-015	-2.15	4.44e-016	53.05	5.68e-014	-27.29
592	98	0.00	1.76	0.00	89.42	0.00	-68.54
	99	0.00	-1.76	0.00	-89.42	0.00	1472.92
593	94	0.00	-9.95	-1.11e-016	98.38	-2.84e-014	-2275.91
	98	0.00	9.95	1.11e-016	-98.38	2.84e-014	-3200.87
594	91	0.00	5.43	-5.55e-017	-139.32	2.84e-014	896.93
	94	0.00	-5.43	5.55e-017	139.32	1.42e-014	2413.93
595	88	0.00	3.50	1.39e-016	-164.35	-2.84e-014	1418.21
	91	0.00	-3.50	-1.39e-016	164.35	-3.55e-014	507.40
596	82	7.11e-015	-2.56	0.00	144.99	1.07e-014	-860.13
	88	-7.11e-015	2.56	0.00	-144.99	7.11e-015	-781.01
597	79	7.11e-015	2.75	5.55e-017	-141.25	1.42e-014	259.30
	82	-7.11e-015	-2.75	-5.55e-017	141.25	-1.42e-014	1281.48
598	78	-1.42e-014	20.09	0.00	145.80	0.00	3553.27
	79	1.42e-014	-20.09	0.00	-145.80	0.00	1870.35
599	77	0.00	-9.19	0.00	-184.75	-1.14e-013	-1104.02
	78	0.00	9.19	0.00	184.75	-5.68e-014	-2389.75
648	122	0.00	3.04	2.22e-016	-16.69	3.38e-014	201.54
	47	0.00	-3.04	-2.22e-016	16.69	0.00	184.43
649	121	0.00	0.41	-1.11e-016	-4.51	-2.13e-014	34.05
	122	0.00	-0.41	1.11e-016	4.51	-7.11e-015	17.41
650	120	0.00	6.03e-002	2.22e-016	4.02e-002	1.42e-014	4.31
	121	0.00	-6.03e-002	-2.22e-016	-4.02e-002	-2.84e-014	3.34
651	48	-7.11e-015	-1.50	-4.44e-016	8.04	1.42e-014	-37.32
	120	7.11e-015	1.50	4.44e-016	-8.04	2.84e-014	-153.45
652	119	7.11e-015	9.67	1.33e-015	-15.17	-4.26e-014	322.27
	46	-7.11e-015	-9.67	-1.33e-015	15.17	-1.42e-014	402.81
653	118	0.00	5.67e-002	2.22e-016	-1.95	6.39e-014	31.37
	119	0.00	-5.67e-002	-2.22e-016	1.95	2.13e-014	-27.12
654	117	7.11e-015	-0.36	-3.33e-016	2.97	-3.55e-014	24.35
	118	-7.11e-015	0.36	3.33e-016	-2.97	2.84e-014	-51.29
655	47	0.00	-11.11	1.77e-015	17.05	-3.73e-014	-474.08
	117	0.00	11.11	-1.77e-015	-17.05	3.55e-015	-359.54
656	116	-7.11e-015	2.86	1.33e-015	-5.84	0.00	190.28
	41	7.11e-015	-2.86	-1.33e-015	5.84	-2.84e-014	94.32
657	115	0.00	-0.18	-4.44e-016	0.23	0.00	-2.01
	116	0.00	0.18	4.44e-016	-0.23	-2.84e-014	-15.54
658	114	0.00	-0.48	4.44e-016	4.40	-5.68e-014	-5.04
	115	0.00	0.48	-4.44e-016	-4.40	2.84e-014	-42.76
659	46	7.11e-015	-5.01	-2.22e-016	15.74	0.00	-253.07
	114	-7.11e-015	5.01	2.22e-016	-15.74	5.68e-014	-244.31
660	113	994.29	1.99	-67.24	-40.48	1157.23	-221.27
	48	-994.29	-1.99	67.24	40.48	5230.45	410.68
661	112	733.03	0.72	-16.11	22.65	290.84	-107.83
	113	-733.03	-0.72	16.11	-22.65	1239.84	175.77
662	111	713.79	0.55	10.20	30.30	-1617.61	-32.55

	112	-713.79	-0.55	-10.20	-30.30	648.38	84.90
663	5	848.09	0.77	5.91	9.97	750.24	63.92
	111	-848.09	-0.77	-5.91	-9.97	-1311.49	9.20
664	110	1102.73	8.34	30.75	32.37	-892.39	-511.36
	47	-1102.73	-8.34	-30.75	-32.37	-2029.02	1303.45
665	109	660.62	1.67	6.65	20.02	-172.51	-272.58
	110	-660.62	-1.67	-6.65	-20.02	-458.97	431.34
666	108	677.98	1.01	-0.42	-7.12	292.08	-87.20
	109	-677.98	-1.01	0.42	7.12	-252.30	183.23
667	4	1072.38	2.34	-15.05	-11.07	411.70	213.15
	108	-1072.38	-2.34	15.05	11.07	1018.04	9.40
668	107	1003.09	7.84	-16.74	-21.49	474.15	-424.39
	46	-1003.09	-7.84	16.74	21.49	1115.76	1169.11
669	106	597.45	1.48	-2.92	4.69	69.74	-260.05
	107	-597.45	-1.48	2.92	-4.69	207.53	400.82
670	105	628.61	1.00	-0.80	24.00	-76.89	-98.08
	106	-628.61	-1.00	0.80	-24.00	152.85	193.11
671	3	1024.88	2.04	11.33	27.00	-466.99	148.41
	105	-1024.88	-2.04	-11.33	-27.00	-609.50	45.18
672	104	831.62	1.35	52.58	32.59	-953.22	-148.96
	41	-831.62	-1.35	-52.58	-32.59	-4042.28	277.54
673	103	593.81	0.35	11.51	-5.66	-171.39	-109.71
	104	-593.81	-0.35	-11.51	5.66	-921.77	142.89
674	102	584.38	0.26	-9.45	-4.30	1234.06	-75.52
	103	-584.38	-0.26	9.45	4.30	-335.86	99.82
675	1	731.34	8.57e-002	-2.35	-0.20	-677.74	-58.36
	102	-731.34	-8.57e-002	2.35	0.20	901.15	66.50
676	54	1.11e-016	-0.50	0.00	-3.83	0.00	-186.52
	57	-1.11e-016	0.50	0.00	3.83	-1.78e-015	-210.74
677	50	5.77e-015	-6.45	2.08e-017	-68.85	-2.22e-015	-2366.71
	54	-5.77e-015	6.45	-2.08e-017	68.85	3.55e-015	-1148.31
678	47	1.55e-015	14.53	0.00	-160.81	0.00	4404.84
	50	-1.55e-015	-14.53	0.00	160.81	0.00	4457.61
679	53	5.33e-015	-1.41	0.00	11.65	8.88e-016	-478.90
	58	-5.33e-015	1.41	0.00	-11.65	2.66e-015	-649.18
680	49	8.88e-015	-9.22	8.67e-018	-264.41	0.00	-2951.95
	53	-8.88e-015	9.22	-8.67e-018	264.41	-1.78e-015	-2071.75
681	46	7.11e-015	13.01	0.00	-21.42	0.00	3693.59
	49	-7.11e-015	-13.01	0.00	21.42	0.00	4244.45
682	42	-3.55e-015	-7.08	-5.20e-018	-205.97	-3.55e-015	-2262.67
	52	3.55e-015	7.08	5.20e-018	205.97	7.11e-015	-1615.59
683	41	-7.11e-015	4.82	0.00	-429.90	-3.55e-015	1228.05
	42	7.11e-015	-4.82	0.00	429.90	3.55e-015	1714.66
684	53	-1.78e-015	-6.26	-1.11e-016	14.68	1.42e-014	-965.44
	52	1.78e-015	6.26	1.11e-016	-14.68	7.11e-015	-1521.22
685	54	-5.33e-015	-26.22	-8.33e-017	81.53	1.07e-014	-4529.19
	53	5.33e-015	26.22	8.33e-017	-81.53	-5.33e-015	-3336.48
686	55	0.00	16.20	4.16e-017	-9.16	-3.55e-015	3727.22
	54	0.00	-16.20	-4.16e-017	9.16	-1.07e-014	4208.99
687	57	-7.11e-015	-16.43	-2.78e-016	29.26	-3.55e-015	-2869.83
	58	7.11e-015	16.43	2.78e-016	-29.26	-3.02e-014	-2018.17

688	56	7.11e-015	6.59	8.33e-017	20.01	0.00	1175.30
	57	-7.11e-015	-6.59	-8.33e-017	-20.01	1.07e-014	1905.04
689	55	1.78e-015	-0.68	0.00	10.94	8.88e-016	-187.01
	56	-1.78e-015	0.68	0.00	-10.94	-1.78e-015	-356.05
690	51	3.55e-015	-3.00	-5.38e-017	109.18	1.60e-014	-1230.67
	55	-3.55e-015	3.00	5.38e-017	-109.18	2.04e-014	-422.53
691	48	0.00	5.37	0.00	475.12	0.00	1599.87
	51	0.00	-5.37	0.00	-475.12	0.00	1674.58
692	34	988.21	-1.17	1.68	8.27	-236.45	-153.93
	77	-988.21	1.17	-1.68	-8.27	-352.51	-254.30
693	31	847.29	0.39	-1.15	8.27	88.39	-4.43
	74	-847.29	-0.39	1.15	-8.27	313.71	139.39
694	28	756.91	-0.33	0.78	8.27	-132.82	-103.02
	71	-756.91	0.33	-0.78	-8.27	-139.98	-11.62
695	25	956.78	-0.78	1.33	8.27	-196.42	-172.18
	68	-956.78	0.78	-1.33	-8.27	-270.41	-102.25
696	22	1121.78	4.37e-002	2.85e-002	8.27	-46.68	-101.29
	65	-1121.78	-4.37e-002	-2.85e-002	-8.27	36.69	116.56
697	19	1090.65	-0.49	-8.18e-002	8.27	-34.03	-184.53
	62	-1090.65	0.49	8.18e-002	-8.27	62.65	12.42
698	16	542.06	-0.77	-3.28	8.27	332.35	-240.75
	59	-542.06	0.77	3.28	-8.27	814.05	-29.48
699	35	848.09	0.99	0.54	8.27	-126.98	93.91
	78	-848.09	-0.99	-0.54	-8.27	-63.12	254.01
700	32	1221.11	1.85	-1.22	8.27	75.82	163.94
	75	-1221.11	-1.85	1.22	-8.27	352.80	484.69
701	29	957.56	-7.23e-002	2.68	8.27	-371.87	-73.74
	72	-957.56	7.23e-002	-2.68	-8.27	-565.37	48.44
702	26	1502.49	-0.30	3.16	8.27	-427.41	-116.75
	69	-1502.49	0.30	-3.16	-8.27	-679.27	11.44
703	23	1601.23	-2.58	0.98	8.27	-177.48	-401.80
	66	-1601.23	2.58	-0.98	-8.27	-166.70	-499.77
704	20	1728.18	-0.69	-0.24	8.27	-36.72	-206.81
	63	-1728.18	0.69	0.24	-8.27	121.99	-33.29
705	17	797.61	-3.01	-3.02	8.27	281.76	-497.62
	60	-797.61	3.01	3.02	-8.27	775.17	-556.30
706	36	1287.19	3.00	1.63	8.27	-266.83	324.41
	79	-1287.19	-3.00	-1.63	-8.27	-303.86	726.75
707	33	1695.46	2.83	-0.46	8.27	-27.25	275.44
	76	-1695.46	-2.83	0.46	-8.27	187.50	713.37
708	30	1006.82	-1.47	-1.65	8.27	109.99	-234.40
	73	-1006.82	1.47	1.65	-8.27	468.98	-281.07
709	27	699.86	-1.65	-0.50	8.27	-22.12	-271.42
	70	-699.86	1.65	0.50	-8.27	198.03	-305.77
710	24	813.82	-3.78	1.58	8.27	-260.71	-539.59
	67	-813.82	3.78	-1.58	-8.27	-291.30	-782.35
711	21	776.20	-0.80	-1.50	8.27	92.61	-219.53
	64	-776.20	0.80	1.50	-8.27	433.32	-59.38
712	18	373.68	-3.83	2.59	8.27	-376.83	-591.54
	61	-373.68	3.83	-2.59	-8.27	-529.46	-748.93
713	39	1979.10	0.47	0.47	8.27	-164.90	34.03

	82	-1979.10	-0.47	-0.47	-8.27	0.79	131.21
714	38	3022.62	1.09	0.62	8.27	-182.25	76.26
	81	-3022.62	-1.09	-0.62	-8.27	-34.78	304.86
715	37	1089.90	-2.69e-002	-0.17	8.27	-91.74	-68.53
	80	-1089.90	2.69e-002	0.17	-8.27	150.85	59.12
716	45	1949.09	0.25	3.04	8.27	-495.14	8.35
	88	-1949.09	-0.25	-3.04	-8.27	-567.25	78.53
717	44	2919.39	-1.11	4.09	8.27	-615.69	-176.09
	87	-2919.39	1.11	-4.09	-8.27	-814.48	-212.67
718	43	1746.76	0.78	-1.10	8.27	-21.01	24.52
	86	-1746.76	-0.78	1.10	-8.27	405.15	249.96
719	40	641.06	3.04	-1.63	8.27	40.27	260.35
	83	-641.06	-3.04	1.63	-8.27	530.83	801.91
720	48	1866.64	4.41	-5.89	4.47	1394.36	685.79
	91	-1866.64	-4.41	5.89	-4.47	667.05	858.31
721	47	3027.93	6.77	3.31	7.16	-887.28	1231.55
	90	-3027.93	-6.77	-3.31	-7.16	-269.59	1138.82
722	46	2688.65	4.95	-2.63e-002	7.16	-110.07	983.51
	89	-2688.65	-4.95	2.63e-002	-7.16	119.28	749.33
723	41	1555.16	4.57	4.49	4.47	-1331.04	667.22
	84	-1555.16	-4.57	-4.49	-4.47	-240.23	930.89
724	51	1729.49	0.12	-1.23	4.47	98.53	168.96
	94	-1729.49	-0.12	1.23	-4.47	331.78	-127.55
725	50	2800.07	9.36	1.22	7.16	-275.52	1499.94
	93	-2800.07	-9.36	-1.22	-7.16	-149.99	1777.21
726	49	2352.25	9.74	-0.55	7.16	-26.11	1243.16
	92	-2352.25	-9.74	0.55	-7.16	218.85	2164.85
727	42	1368.33	-2.61	0.21	4.47	-185.95	-313.71
	85	-1368.33	2.61	-0.21	-4.47	114.12	-598.14
728	55	2450.95	0.63	10.81	14.31	-2820.90	-101.39
	98	-2450.95	-0.63	-10.81	-14.31	-962.43	322.89
729	54	3220.05	-6.01	3.06	7.16	-358.27	-822.94
	97	-3220.05	6.01	-3.06	-7.16	-712.00	-1281.13
730	53	1998.76	-10.27	-14.14	7.16	2091.51	-1451.70
	96	-1998.76	10.27	14.14	-7.16	2859.16	-2143.90
731	52	665.09	-5.49	-4.08	4.47	578.05	-833.35
	95	-665.09	5.49	4.08	-4.47	849.81	-1087.66
732	56	1182.92	-3.93	3.76	4.47	-723.98	-387.44
	99	-1182.92	3.93	-3.76	-4.47	-593.35	-986.34
733	57	1827.76	-0.85	-3.13	7.16	352.92	-65.76
	100	-1827.76	0.85	3.13	-7.16	744.16	-232.96
734	58	720.66	-3.28	-6.98	4.47	1011.86	-395.36
	101	-720.66	3.28	6.98	-4.47	1431.41	-751.84
735	15	738.50	-1.24	-3.65	5.61	371.13	-228.41
	58	-738.50	1.24	3.65	-5.61	1016.11	-241.55
736	14	1805.23	-1.12	-1.88	8.55	106.36	-236.27
	57	-1805.23	1.12	1.88	-8.55	607.63	-188.53
737	13	1190.19	-0.17	2.01	5.61	-332.77	-68.42
	56	-1190.19	0.17	-2.01	-5.61	-430.22	5.56
738	9	678.43	-3.39	-2.67	5.61	276.97	-509.84
	52	-678.43	3.39	2.67	-5.61	737.26	-777.12

739	10	2026.54	-4.50	-7.22	8.55	810.37	-670.84
	53	-2026.54	4.50	7.22	-8.55	1932.75	-1038.14
740	11	3183.59	-2.90	-2.07	8.55	172.53	-457.27
	54	-3183.59	2.90	2.07	-8.55	613.77	-645.53
741	12	2469.47	-2.32	4.09	11.21	-763.74	-348.66
	55	-2469.47	2.32	-4.09	-11.21	-789.33	-533.57
742	2	1356.42	-1.26	0.29	5.61	-71.89	-245.65
	42	-1356.42	1.26	-0.29	-5.61	-37.98	-234.29
743	6	2330.02	-0.10	-0.91	5.61	77.56	-86.97
	49	-2330.02	0.10	0.91	-5.61	269.10	49.34
744	7	2779.09	2.06	-0.58	5.61	35.93	192.21
	50	-2779.09	-2.06	0.58	-5.61	183.56	590.97
745	8	1721.12	0.88	-1.06	5.61	95.81	63.39
	51	-1721.12	-0.88	1.06	-5.61	306.61	272.11
Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-0.22	-6.98e-003	0.58	-1.23	-6.28	-5.06
	472	-0.13	1.39	0.86	0.57	-3.54	-5.10
	473	-0.49	1.37	0.38	-4.50	-19.32	-9.16
	382	-0.59	-3.07e-002	0.10	2.41	-10.57	-9.12
105	378	-7.90e-002	7.57e-003	0.39	-0.59	-2.18	-2.18
	467	-6.77e-002	0.18	4.38e-002	0.10	-1.76	-2.24
	472	-0.21	0.17	0.34	0.47	-6.88	-3.90
	381	-0.22	-1.64e-003	0.69	-1.61	-4.32	-3.85
106	377	-0.11	-0.26	0.35	-0.29	-0.75	-1.33
	466	-0.12	-0.45	0.10	3.56e-003	-0.67	-1.37
	467	-0.11	-0.45	5.39e-002	0.14	-2.43	-1.97
	378	-0.10	-0.26	0.31	-0.73	-1.59	-1.93
107	374	-0.12	-0.52	0.23	-0.13	-0.26	-0.99
	465	-0.14	-0.86	5.38e-002	-7.51e-003	-0.24	-1.02
	466	-0.15	-0.86	0.11	3.53e-002	-0.89	-1.26
	377	-0.13	-0.52	0.28	-0.33	-0.56	-1.23
108	373	-0.11	-0.73	0.17	-5.77e-002	-8.83e-002	-0.86
	464	-0.14	-1.16	4.72e-002	-5.03e-003	-7.98e-002	-0.87
	465	-0.16	-1.17	6.04e-002	1.15e-002	-0.32	-0.97
	374	-0.13	-0.73	0.18	-0.14	-0.20	-0.95
109	370	-0.12	-0.87	0.10	-2.38e-002	-3.05e-002	-0.81
	459	-0.15	-1.37	2.13e-002	-2.40e-003	-2.71e-002	-0.81
	464	-0.16	-1.37	4.94e-002	4.56e-003	-0.12	-0.85
	373	-0.12	-0.87	0.13	-6.00e-002	-6.71e-002	-0.85
110	369	-0.12	-0.94	3.34e-002	-1.02e-002	-1.14e-002	-0.79
	458	-0.15	-1.49	2.47e-003	-9.61e-004	-1.08e-002	-0.79
	459	-0.16	-1.49	2.49e-002	1.83e-003	-4.24e-002	-0.81
	370	-0.12	-0.94	5.59e-002	-2.42e-002	-2.31e-002	-0.80
111	366	-0.12	-0.95	-3.49e-002	-6.03e-003	-7.16e-003	-0.78
	457	-0.15	-1.50	-1.95e-002	-2.46e-004	-8.84e-003	-0.78
	458	-0.15	-1.50	5.62e-003	6.51e-004	-1.63e-002	-0.79
	369	-0.12	-0.95	-9.79e-003	-1.02e-002	-9.16e-003	-0.79
112	365	-0.12	-0.90	-0.10	-6.86e-003	-1.20e-002	-0.77
	456	-0.16	-1.42	-3.89e-002	1.78e-004	-1.73e-002	-0.77
	457	-0.15	-1.42	-1.63e-002	1.35e-004	-9.73e-003	-0.78
	366	-0.12	-0.90	-7.81e-002	-5.83e-003	-7.29e-003	-0.78
113	303	-0.13	-0.78	-0.17	-1.07e-002	-3.14e-002	-0.76
	453	-0.16	-1.25	-6.30e-002	6.56e-004	-4.36e-002	-0.76
	456	-0.15	-1.25	-3.54e-002	7.79e-005	-1.53e-002	-0.77
	365	-0.12	-0.78	-0.14	-6.13e-003	-1.46e-002	-0.77
114	300	-0.13	-0.60	-0.23	-1.27e-002	-8.58e-002	-0.73

452	-0.16	-0.97	-7.51e-002	2.97e-003	-0.11	-0.74	
453	-0.14	-0.97	-6.04e-002	1.50e-003	-3.95e-002	-0.76	
303	-0.12	-0.60	-0.22	-8.15e-003	-4.02e-002	-0.75	
115	299	-0.13	-0.35	-0.32	4.22e-004	-0.22	-0.68
451	-0.15	-0.60	-0.12	2.18e-002	-0.29	-0.69	
452	-0.13	-0.60	-6.98e-002	1.05e-002	-0.10	-0.73	
300	-0.12	-0.35	-0.27	-5.13e-003	-0.12	-0.72	
116	296	-0.11	-5.47e-002	-0.36	-1.63e-002	-0.48	-0.51
450	-0.11	-0.13	-7.92e-002	0.12	-0.82	-0.54	
451	-0.12	-0.13	-0.11	5.16e-002	-0.23	-0.69	
299	-0.11	-5.49e-002	-0.39	1.18e-002	-0.37	-0.66	
117	295	-0.24	0.26	-0.67	-0.93	-0.98	0.10
449	-0.23	0.54	-0.32	-0.10	-2.77	0.36	
450	-6.95e-002	0.55	-7.24e-002	0.10	-0.25	-0.40	
296	-8.77e-002	0.27	-0.43	-0.12	-1.04	-0.67	
118	245	-0.62	0.46	-7.00e-002	6.15	-4.22	2.63e-002
255	-0.55	1.54	-0.17	-23.06	-7.13	3.85	
449	-0.16	1.56	-0.64	-1.47	2.02	4.15	
295	-0.23	0.48	-0.54	-2.12	0.55	0.32	
119	290	3.37e-002	-1.88e-002	0.62	-6.16e-002	-3.75	-4.94
381	3.56e-002	9.70e-003	0.67	-1.11	-5.30	-4.84	
382	-0.69	-3.72e-002	4.49e-002	-2.27	-8.72	-8.51	
293	-0.69	-6.57e-002	-5.40e-003	1.12	-4.86	-8.60	
120	289	-7.86e-002	-9.11e-002	0.37	-0.22	-1.12	-2.10
378	-7.21e-002	8.01e-003	0.46	-0.67	-2.03	-2.13	
381	3.59e-002	1.50e-002	0.78	0.41	-3.39	-3.52	
290	2.95e-002	-8.41e-002	0.68	-1.56	-2.46	-3.49	
121	286	-8.92e-002	-0.13	0.44	-0.18	-0.35	-1.24
377	-0.10	-0.26	0.44	-0.34	-0.68	-1.30	
378	-8.98e-002	-0.26	0.39	-0.11	-1.28	-1.79	
289	-8.10e-002	-0.13	0.39	-0.71	-0.96	-1.72	
122	285	-8.67e-002	-0.25	0.31	-0.10	-0.11	-0.93
374	-0.10	-0.52	0.29	-0.16	-0.23	-0.98	
377	-0.11	-0.52	0.36	-0.12	-0.46	-1.16	
286	-0.10	-0.26	0.39	-0.33	-0.33	-1.11	
123	265	-8.43e-002	-0.35	0.23	-4.78e-002	-3.44e-002	-0.83
373	-0.11	-0.73	0.21	-6.90e-002	-7.61e-002	-0.85	
374	-0.12	-0.73	0.24	-6.71e-002	-0.16	-0.92	
285	-9.31e-002	-0.35	0.27	-0.14	-0.11	-0.89	
124	264	-8.38e-002	-0.42	0.13	-2.06e-002	-1.07e-002	-0.79
370	-0.11	-0.87	0.12	-2.82e-002	-2.58e-002	-0.81	
373	-0.12	-0.87	0.17	-3.11e-002	-5.19e-002	-0.83	
265	-8.89e-002	-0.42	0.18	-5.85e-002	-3.62e-002	-0.82	
125	263	-8.41e-002	-0.46	4.21e-002	-9.16e-003	-3.80e-003	-0.78
369	-0.12	-0.94	3.66e-002	-1.15e-002	-9.50e-003	-0.79	
370	-0.12	-0.94	7.81e-002	-1.35e-002	-1.74e-002	-0.80	
264	-8.62e-002	-0.46	8.36e-002	-2.32e-002	-1.18e-002	-0.79	
126	262	-8.55e-002	-0.47	-5.34e-002	-5.73e-003	-3.03e-003	-0.78
366	-0.12	-0.95	-5.07e-002	-5.33e-003	-5.82e-003	-0.78	
369	-0.12	-0.95	-6.63e-003	-6.45e-003	-6.93e-003	-0.78	
263	-8.44e-002	-0.47	-9.36e-003	-9.54e-003	-4.37e-003	-0.78	
127	261	-8.79e-002	-0.44	-0.15	-7.02e-003	-6.72e-003	-0.77
365	-0.12	-0.90	-0.14	-3.63e-003	-9.88e-003	-0.77	
366	-0.11	-0.90	-9.38e-002	-4.87e-003	-5.98e-003	-0.78	
262	-8.37e-002	-0.44	-0.10	-5.04e-003	-3.34e-003	-0.78	
128	260	-9.14e-002	-0.38	-0.24	-1.18e-002	-1.95e-002	-0.76
303	-0.12	-0.78	-0.22	-2.42e-003	-2.65e-002	-0.76	

	365	-0.11	-0.78	-0.18	-6.54e-003	-1.29e-002	-0.77
	261	-8.41e-002	-0.38	-0.20	-4.25e-003	-7.24e-003	-0.77
129	259	-0.10	-0.29	-0.33	-1.42e-002	-5.85e-002	-0.73
	300	-0.12	-0.60	-0.30	6.39e-003	-7.43e-002	-0.73
	303	-0.11	-0.60	-0.27	-9.26e-003	-3.65e-002	-0.76
	260	-8.54e-002	-0.29	-0.30	-2.26e-003	-2.12e-002	-0.75
130	258	-0.10	-0.17	-0.45	2.55e-002	-0.18	-0.65
	299	-0.11	-0.35	-0.42	4.67e-002	-0.19	-0.67
	300	-0.10	-0.35	-0.34	-3.99e-003	-0.11	-0.72
	259	-8.82e-002	-0.17	-0.38	1.78e-002	-6.04e-002	-0.70
131	257	-8.81e-002	-2.29e-002	-0.46	0.31	-0.54	-0.51
	296	-9.01e-002	-5.35e-002	-0.44	0.16	-0.40	-0.61
	299	-9.30e-002	-5.37e-002	-0.49	3.84e-002	-0.37	-0.65
	258	-9.10e-002	-2.31e-002	-0.50	0.13	-0.16	-0.55
132	256	-6.77e-002	6.43e-002	-0.73	1.28	-1.35	-0.42
	295	-5.40e-002	0.28	-0.81	0.55	-0.48	-0.75
	296	-6.88e-002	0.27	-0.51	0.13	-1.19	-0.60
	257	-8.25e-002	6.33e-002	-0.44	0.65	-0.46	-0.27
133	235	-0.75	0.20	-0.18	16.02	3.89	0.71
	245	-0.73	0.45	-0.11	-12.76	-3.62	0.44
	295	-3.98e-002	0.49	-0.68	9.19e-002	1.00	4.00e-002
	256	-5.61e-002	0.24	-0.75	2.09	-3.94	0.31
134	471	0.16	1.01e-002	1.06	0.41	-0.53	-4.88
	290	0.15	-1.10e-002	0.54	-0.67	-2.40	-5.07
	293	-0.84	-7.57e-002	-8.80e-003	-1.67	-3.64	-8.35
	200	-0.84	-5.47e-002	0.51	0.70	-0.70	-8.16
135	470	-1.24e-002	-8.07e-004	0.48	0.16	-0.16	-2.17
	289	-1.80e-002	-8.72e-002	0.45	-0.37	-0.85	-2.12
	290	0.15	-7.63e-002	0.60	0.61	-1.65	-3.57
	471	0.16	1.01e-002	0.64	-0.75	-0.37	-3.62
136	229	-2.56e-002	-1.66e-003	0.50	3.50e-002	-4.72e-002	-1.22
	286	-3.36e-002	-0.12	0.48	-0.22	-0.26	-1.23
	289	-2.04e-002	-0.12	0.46	5.82e-002	-0.66	-1.75
	470	-1.24e-002	-8.07e-004	0.49	-0.31	-0.15	-1.74
137	469	-2.42e-002	-1.57e-003	0.37	3.49e-003	-1.24e-002	-0.91
	285	-4.04e-002	-0.25	0.35	-0.11	-8.24e-002	-0.93
	286	-4.18e-002	-0.25	0.43	-4.32e-002	-0.22	-1.10
	229	-2.56e-002	-1.66e-003	0.45	-0.13	-5.73e-002	-1.08
138	468	-2.28e-002	-1.48e-003	0.27	-1.89e-003	-3.04e-003	-0.82
	265	-4.54e-002	-0.35	0.26	-4.72e-002	-2.58e-002	-0.83
	285	-4.68e-002	-0.35	0.31	-4.01e-002	-7.17e-002	-0.88
	469	-2.42e-002	-1.57e-003	0.32	-4.64e-002	-2.00e-002	-0.87
139	228	-2.07e-002	-1.35e-003	0.16	-1.77e-003	-6.94e-004	-0.79
	264	-4.79e-002	-0.42	0.15	-1.95e-002	-7.94e-003	-0.79
	265	-5.00e-002	-0.42	0.21	-2.25e-002	-2.25e-002	-0.81
	468	-2.28e-002	-1.48e-003	0.22	-1.60e-002	-6.83e-003	-0.81
140	463	-2.01e-002	-1.30e-003	4.76e-002	-1.21e-003	-2.25e-004	-0.78
	263	-4.97e-002	-0.46	4.40e-002	-7.95e-003	-2.73e-003	-0.78
	264	-5.04e-002	-0.46	0.10	-1.08e-002	-7.11e-003	-0.79
	228	-2.07e-002	-1.35e-003	0.10	-5.45e-003	-2.32e-003	-0.79
141	462	-2.04e-002	-1.33e-003	-6.50e-002	-1.31e-003	-3.72e-004	-0.78
	262	-5.04e-002	-0.46	-6.32e-002	-3.52e-003	-2.03e-003	-0.78
	263	-5.01e-002	-0.46	-7.40e-003	-5.31e-003	-2.63e-003	-0.78
	463	-2.01e-002	-1.30e-003	-9.16e-003	-1.84e-003	-8.31e-004	-0.78
142	227	-2.18e-002	-1.41e-003	-0.18	-2.76e-003	-1.09e-003	-0.77
	261	-5.00e-002	-0.44	-0.17	-1.39e-003	-4.51e-003	-0.77
	262	-4.87e-002	-0.44	-0.11	-3.72e-003	-2.28e-003	-0.78

	462	-2.04e-002	-1.33e-003	-0.12	-4.84e-004	-5.00e-004	-0.78
143	461	-2.45e-002	-1.59e-003	-0.29	-7.48e-003	-3.18e-003	-0.76
	260	-4.89e-002	-0.38	-0.28	3.46e-003	-1.36e-002	-0.76
	261	-4.62e-002	-0.38	-0.22	-4.48e-003	-5.39e-003	-0.77
	227	-2.18e-002	-1.41e-003	-0.23	6.86e-004	-9.79e-004	-0.77
144	460	-2.65e-002	-1.72e-003	-0.39	-2.12e-002	-9.21e-003	-0.72
	259	-4.49e-002	-0.29	-0.38	2.56e-002	-4.26e-002	-0.72
	260	-4.30e-002	-0.29	-0.33	-5.43e-003	-1.57e-002	-0.75
	461	-2.45e-002	-1.59e-003	-0.35	4.04e-003	-3.11e-003	-0.75
145	226	-2.97e-002	-1.93e-003	-0.53	-5.88e-002	-2.67e-002	-0.58
	258	-4.03e-002	-0.17	-0.50	0.12	-0.14	-0.59
	259	-3.71e-002	-0.17	-0.42	4.14e-003	-4.31e-002	-0.70
	460	-2.65e-002	-1.72e-003	-0.45	1.61e-002	-1.02e-002	-0.69
146	455	-1.81e-002	-1.17e-003	-0.56	-0.11	-6.92e-002	-0.13
	257	-1.92e-002	-1.84e-002	-0.53	0.50	-0.45	-0.22
	258	-3.08e-002	-1.91e-002	-0.55	8.51e-002	-0.10	-0.57
	226	-2.97e-002	-1.93e-003	-0.58	6.29e-002	-3.83e-002	-0.48
147	454	0.13	8.58e-003	-0.76	0.22	-3.28e-002	1.27
	256	0.14	7.75e-002	-0.70	2.54	-1.04	0.70
	257	-1.36e-002	6.78e-002	-0.51	0.60	-0.42	-0.30
	455	-1.81e-002	-1.17e-003	-0.57	0.32	-0.20	0.27
148	197	-1.21	-7.89e-002	-0.74	26.34	4.10	4.76
	235	-1.20	0.17	-0.21	-2.86	4.20	-0.16
	256	0.15	0.26	-0.72	3.96	-3.49	0.77
	454	0.13	8.58e-003	-1.25	2.58	-2.87	5.69
149	244	-0.10	0.57	0.23	-1.75	1.98	1.54
	254	-0.11	0.45	-0.38	-1.63	2.54	-2.19
	255	-0.63	0.42	-0.31	-21.62	-2.56	-0.94
	245	-0.62	0.54	0.30	5.27	-1.99	2.80
150	243	-0.11	0.20	0.26	-3.58e-003	-0.56	1.83
	253	-0.11	0.32	8.13e-002	8.67e-002	0.10	1.62
	254	-0.12	0.32	5.34e-002	-0.21	-1.23	1.24
	244	-0.13	0.20	0.23	-0.47	-7.64e-002	1.46
151	242	-0.13	3.94e-002	0.13	6.46e-002	-0.20	1.68
	252	-0.13	2.54e-002	2.14e-002	4.87e-002	-8.24e-002	1.71
	253	-0.12	2.57e-002	7.06e-002	8.04e-002	-0.29	1.69
	243	-0.12	3.97e-002	0.18	0.13	-0.14	1.65
152	241	-0.13	-4.31e-002	5.83e-002	2.42e-002	-5.68e-002	1.67
	251	-0.14	-0.14	1.19e-002	1.07e-002	-4.35e-002	1.68
	252	-0.14	-0.14	3.21e-002	1.19e-002	-0.10	1.69
	242	-0.13	-4.33e-002	7.86e-002	6.26e-002	-9.10e-002	1.67
153	240	-0.13	-7.69e-002	-1.58e-002	1.70e-002	-1.20e-002	1.67
	250	-0.14	-0.19	-1.55e-002	8.20e-004	-1.96e-003	1.67
	251	-0.14	-0.19	1.28e-002	7.94e-004	-3.89e-002	1.67
	241	-0.13	-7.68e-002	1.25e-002	1.91e-002	-3.65e-002	1.67
154	239	-0.14	-4.17e-002	-7.81e-002	3.93e-002	1.58e-002	1.65
	249	-0.14	-0.13	-2.88e-002	-3.57e-003	4.59e-002	1.64
	250	-0.14	-0.13	-1.16e-002	1.13e-003	-1.05e-002	1.66
	240	-0.13	-4.13e-002	-6.09e-002	1.54e-002	-4.53e-003	1.67
155	238	-0.13	6.26e-002	-0.16	0.11	6.95e-002	1.58
	248	-0.14	1.86e-002	-6.78e-002	-9.67e-003	0.16	1.57
	249	-0.13	1.88e-002	-2.39e-002	3.96e-003	1.47e-002	1.63
	239	-0.13	6.28e-002	-0.12	3.94e-002	2.66e-002	1.64
156	237	-0.12	0.22	-0.21	0.29	0.23	1.40
	247	-0.11	0.28	-3.92e-002	-1.35e-002	0.46	1.36
	248	-0.12	0.28	-5.95e-002	1.22e-002	7.19e-002	1.53
	238	-0.12	0.22	-0.23	0.11	9.31e-002	1.57

157	236	-0.23	0.42	-0.47	0.61	0.76	0.93
	246	-0.21	0.71	-0.23	4.70e-002	1.26	0.86
	247	-8.37e-002	0.72	-3.78e-002	3.22e-002	0.28	1.25
	237	-0.10	0.43	-0.27	0.29	0.28	1.33
158	433	-0.33	0.52	-5.22e-002	0.66	2.28	0.12
	443	-0.27	1.46	-0.18	0.73	2.97	-1.83e-002
	246	-0.16	1.47	-0.52	7.49e-002	1.05	0.57
	236	-0.23	0.53	-0.39	0.65	0.97	0.71
159	234	-0.28	0.27	0.43	1.96	-3.09	1.48
	244	-0.26	0.56	0.38	0.33	2.15	1.76
	245	-0.72	0.53	0.26	-12.01	-1.83	2.15
	235	-0.74	0.24	0.31	15.47	4.76	1.88
160	233	-9.01e-002	8.31e-002	0.18	0.65	-0.20	1.45
	243	-8.24e-002	0.20	0.27	0.24	-0.71	1.76
	244	-0.28	0.19	0.38	0.34	0.17	2.18
	234	-0.29	7.00e-002	0.30	1.59	-0.79	1.87
161	232	-0.10	2.12e-002	0.18	0.16	-6.80e-002	1.56
	242	-0.10	4.15e-002	0.16	0.10	-0.21	1.66
	243	-9.28e-002	4.17e-002	0.19	0.17	-0.12	1.72
	233	-9.41e-002	2.14e-002	0.20	0.41	-0.32	1.62
162	231	-0.10	-1.31e-002	6.85e-002	3.88e-002	-3.00e-002	1.64
	241	-0.10	-4.11e-002	6.50e-002	2.75e-002	-5.65e-002	1.67
	242	-0.10	-4.12e-002	0.12	6.57e-002	-8.70e-002	1.66
	232	-0.10	-1.33e-002	0.12	8.07e-002	-0.10	1.63
163	230	-0.10	-2.84e-002	-2.50e-002	1.92e-002	-8.75e-003	1.67
	240	-0.10	-7.50e-002	-2.52e-002	1.21e-002	-1.35e-002	1.67
	241	-0.10	-7.49e-002	1.91e-002	2.33e-002	-3.44e-002	1.66
	231	-0.10	-2.83e-002	1.93e-002	1.63e-002	-3.17e-002	1.66
164	477	-0.10	-9.99e-003	-0.12	3.73e-002	5.21e-003	1.67
	239	-0.10	-3.96e-002	-0.11	2.23e-002	8.45e-003	1.66
	240	-0.10	-3.94e-002	-7.04e-002	2.04e-002	-5.00e-003	1.67
	230	-0.10	-9.77e-003	-7.90e-002	1.30e-002	-8.96e-003	1.67
165	476	-0.11	3.79e-002	-0.23	0.11	2.82e-002	1.64
	238	-0.10	6.45e-002	-0.22	6.15e-002	4.65e-002	1.62
	239	-0.10	6.49e-002	-0.15	4.85e-002	2.14e-002	1.65
	477	-0.10	3.83e-002	-0.16	3.61e-002	3.07e-003	1.67
166	475	-0.10	0.12	-0.26	0.31	9.40e-002	1.55
	237	-8.87e-002	0.22	-0.26	0.17	0.17	1.48
	238	-9.31e-002	0.22	-0.28	0.13	7.49e-002	1.57
	476	-0.10	0.12	-0.29	0.11	2.56e-002	1.64
167	474	-5.48e-002	0.16	-0.51	0.86	0.35	1.24
	236	-3.68e-002	0.43	-0.57	0.45	0.62	1.05
	237	-7.52e-002	0.43	-0.32	0.36	0.21	1.35
	475	-9.32e-002	0.15	-0.26	0.30	9.33e-002	1.54
168	423	-0.53	0.20	-7.76e-002	1.52	1.86	0.34
	433	-0.51	0.51	-4.36e-002	0.80	2.09	0.16
	236	-2.95e-002	0.54	-0.49	0.79	0.79	0.80
	474	-4.96e-002	0.24	-0.53	0.74	0.18	0.98
169	448	3.98e-002	2.59e-003	0.95	2.47	-2.63	-3.76
	234	5.88e-002	0.30	0.51	3.89	-2.96	1.11
	235	-1.20	0.21	0.28	-2.34	4.82	2.66
	197	-1.21	-7.89e-002	0.73	25.78	4.11	-2.21
170	225	-1.38e-002	-8.95e-004	0.28	0.26	-0.15	0.99
	233	-7.96e-003	8.85e-002	0.19	0.62	-0.20	1.49
	234	4.56e-002	9.20e-002	0.37	2.21	-0.68	0.82
	448	3.98e-002	2.59e-003	0.46	0.31	2.37e-002	0.32
171	447	-3.60e-002	-2.34e-003	0.21	4.92e-002	-2.35e-002	1.50

	232	-3.42e-002	2.53e-002	0.20	0.12	-3.70e-002	1.58
	233	-1.20e-002	2.68e-002	0.20	0.45	-0.30	1.35
	225	-1.38e-002	-8.95e-004	0.21	-5.79e-002	-3.82e-002	1.28
172	224	-3.34e-002	-2.17e-003	7.57e-002	1.38e-002	-6.10e-003	1.63
	231	-3.38e-002	-9.01e-003	7.18e-002	2.60e-002	-2.04e-002	1.65
	232	-3.65e-002	-9.18e-003	0.14	0.12	-8.50e-002	1.58
	447	-3.60e-002	-2.34e-003	0.15	-3.28e-002	-1.44e-002	1.56
173	446	-3.48e-002	-2.26e-003	-3.04e-002	5.47e-003	-1.29e-003	1.67
	230	-3.62e-002	-2.43e-002	-3.05e-002	1.17e-002	-7.27e-003	1.67
	231	-3.48e-002	-2.42e-002	2.27e-002	3.39e-002	-2.47e-002	1.65
	224	-3.34e-002	-2.17e-003	2.28e-002	-1.08e-002	-4.91e-003	1.65
174	223	-3.44e-002	-2.23e-003	-0.14	6.37e-003	1.60e-003	1.68
	477	-3.46e-002	-5.63e-003	-0.14	2.23e-002	1.26e-003	1.68
	230	-3.50e-002	-5.66e-003	-8.45e-002	1.90e-002	-6.66e-003	1.67
	446	-3.48e-002	-2.26e-003	-9.00e-002	-1.73e-003	-1.98e-003	1.67
175	445	-3.67e-002	-2.38e-003	-0.27	1.72e-002	6.64e-003	1.68
	476	-3.38e-002	4.25e-002	-0.26	6.07e-002	1.30e-002	1.66
	477	-3.15e-002	4.27e-002	-0.18	3.52e-002	2.44e-003	1.67
	223	-3.44e-002	-2.23e-003	-0.20	4.62e-003	-1.32e-003	1.68
176	222	-2.66e-002	-1.73e-003	-0.33	5.96e-002	2.17e-002	1.65
	475	-1.83e-002	0.13	-0.31	0.16	4.42e-002	1.62
	476	-2.84e-002	0.12	-0.31	0.10	2.05e-002	1.64
	445	-3.67e-002	-2.38e-003	-0.32	1.51e-002	-1.94e-003	1.67
177	444	0.11	6.96e-003	-0.50	0.29	8.63e-002	1.52
	474	0.12	0.17	-0.46	0.39	0.19	1.42
	475	-1.62e-002	0.16	-0.31	0.29	7.37e-002	1.54
	222	-2.66e-002	-1.73e-003	-0.36	4.28e-002	-1.03e-002	1.64
178	193	-0.98	-6.39e-002	-0.47	2.32	0.62	0.87
	423	-0.97	0.18	-0.10	1.13	1.64	0.24
	474	0.12	0.25	-0.47	0.94	-8.53e-002	1.07
	444	0.11	6.96e-003	-0.85	0.25	-0.18	1.70
229	432	-0.22	0.40	0.50	0.37	-0.39	0.45
	442	-0.21	0.53	7.98e-002	0.27	0.49	0.53
	443	-0.33	0.52	-4.25e-002	-0.71	-1.20	0.21
	433	-0.34	0.39	0.38	1.58	0.22	0.13
230	431	-0.17	-7.80e-002	0.38	0.15	-0.16	0.46
	441	-0.17	-0.17	8.06e-002	6.90e-002	-4.24e-002	0.52
	442	-0.26	-0.17	0.19	0.10	-0.25	0.53
	432	-0.25	-8.34e-002	0.49	0.30	-0.13	0.48
231	430	-0.18	-0.42	0.26	4.42e-002	-4.64e-002	0.42
	440	-0.20	-0.73	5.16e-002	1.29e-002	-4.85e-002	0.44
	441	-0.21	-0.73	7.56e-002	1.17e-002	-5.25e-002	0.47
	431	-0.19	-0.42	0.28	0.12	-8.36e-002	0.45
232	429	-0.19	-0.63	0.12	1.08e-002	-1.23e-002	0.41
	439	-0.21	-1.06	1.69e-002	1.82e-003	-1.78e-002	0.42
	440	-0.22	-1.06	6.87e-002	-2.57e-003	-2.04e-002	0.43
	430	-0.19	-0.63	0.17	3.07e-002	-3.54e-002	0.42
233	428	-0.19	-0.72	-3.21e-003	4.86e-003	-2.32e-003	0.41
	438	-0.22	-1.19	-1.69e-002	-2.98e-004	-1.33e-003	0.41
	439	-0.22	-1.19	2.51e-002	-1.48e-003	-9.35e-003	0.42
	429	-0.19	-0.72	3.88e-002	6.55e-003	-1.18e-002	0.42
234	427	-0.20	-0.67	-0.12	1.12e-002	3.98e-003	0.41
	437	-0.23	-1.12	-4.65e-002	-1.88e-003	1.39e-002	0.40
	438	-0.22	-1.12	-9.27e-003	-9.42e-004	-4.22e-003	0.41
	428	-0.19	-0.67	-8.33e-002	3.92e-003	-1.25e-003	0.41
235	426	-0.20	-0.49	-0.26	3.64e-002	1.93e-002	0.38
	436	-0.22	-0.86	-0.10	-5.08e-003	5.05e-002	0.38

	437	-0.21	-0.86	-3.68e-002	-1.62e-003	-1.38e-003	0.40
	427	-0.18	-0.49	-0.20	1.16e-002	7.46e-003	0.41
236	425	-0.19	-0.19	-0.35	0.11	7.76e-002	0.32
	435	-0.21	-0.39	-7.60e-002	-7.23e-003	0.16	0.30
	436	-0.19	-0.39	-8.06e-002	-2.44e-003	8.05e-003	0.37
	426	-0.18	-0.19	-0.36	3.70e-002	2.47e-002	0.38
237	424	-0.33	0.23	-0.63	0.26	0.31	0.15
	434	-0.32	0.32	-0.28	1.39e-002	0.45	0.12
	435	-0.16	0.33	-8.30e-002	2.03e-003	7.74e-002	0.26
	425	-0.16	0.24	-0.44	0.10	7.08e-002	0.29
238	403	-0.21	0.66	-0.31	0.51	1.08	-0.14
	413	-0.17	1.37	-0.18	-9.00e-002	1.09	-0.17
	434	-0.25	1.37	-0.48	1.29e-002	0.47	3.36e-002
	424	-0.30	0.65	-0.61	0.21	0.29	6.10e-002
239	422	-0.20	0.19	0.76	0.67	-0.70	0.20
	432	-0.19	0.40	0.70	0.52	-0.39	0.42
	433	-0.52	0.38	0.39	2.30e-002	0.39	0.31
	423	-0.53	0.17	0.45	2.12	0.99	9.48e-002
240	421	-0.15	-4.67e-002	0.38	0.24	-0.12	0.30
	431	-0.15	-7.69e-002	0.44	0.20	-0.19	0.45
	432	-0.22	-8.15e-002	0.68	0.50	-7.43e-002	0.44
	422	-0.22	-5.12e-002	0.62	0.49	-0.14	0.29
241	420	-0.15	-0.19	0.34	5.90e-002	-2.39e-002	0.38
	430	-0.16	-0.42	0.32	5.15e-002	-4.73e-002	0.42
	431	-0.17	-0.42	0.34	0.13	-8.54e-002	0.41
	421	-0.16	-0.19	0.36	0.11	-0.10	0.37
242	419	-0.14	-0.30	0.15	1.31e-002	-6.66e-003	0.40
	429	-0.16	-0.63	0.14	1.13e-002	-1.17e-002	0.41
	430	-0.17	-0.63	0.23	2.99e-002	-3.65e-002	0.41
	420	-0.15	-0.30	0.24	2.10e-002	-3.49e-002	0.40
243	418	-0.15	-0.34	-1.24e-002	5.00e-003	-1.73e-003	0.41
	428	-0.17	-0.71	-1.47e-002	2.85e-003	-2.69e-003	0.41
	429	-0.17	-0.72	5.94e-002	7.04e-003	-1.17e-002	0.41
	419	-0.15	-0.34	6.18e-002	3.07e-003	-1.02e-002	0.41
244	417	-0.15	-0.32	-0.17	1.03e-002	7.37e-004	0.41
	427	-0.17	-0.67	-0.16	4.29e-003	1.42e-003	0.41
	428	-0.17	-0.67	-9.48e-002	5.01e-003	-1.17e-003	0.41
	418	-0.14	-0.32	-0.10	2.54e-003	-2.18e-003	0.41
245	416	-0.16	-0.23	-0.36	3.43e-002	5.10e-003	0.40
	426	-0.18	-0.49	-0.34	1.51e-002	1.07e-002	0.40
	427	-0.16	-0.49	-0.24	1.37e-002	6.77e-003	0.41
	417	-0.14	-0.23	-0.26	1.01e-002	2.08e-003	0.41
246	415	-0.16	-7.46e-002	-0.45	0.11	2.40e-002	0.37
	425	-0.17	-0.19	-0.44	5.09e-002	5.22e-002	0.35
	426	-0.16	-0.19	-0.44	4.34e-002	2.09e-002	0.38
	416	-0.15	-7.38e-002	-0.46	3.60e-002	1.02e-002	0.40
247	414	-0.14	9.21e-002	-0.80	0.38	0.14	0.25
	424	-0.13	0.24	-0.85	0.16	0.25	0.18
	425	-0.14	0.24	-0.52	0.13	4.95e-002	0.30
	415	-0.15	9.13e-002	-0.48	0.12	2.73e-002	0.37
248	393	-0.50	0.27	-0.38	0.86	0.92	-0.15
	403	-0.47	0.64	-0.32	0.11	1.00	-0.23
	424	-0.10	0.67	-0.83	0.28	0.22	7.85e-002
	414	-0.12	0.30	-0.88	0.28	-1.91e-002	0.16
249	383	6.26e-002	4.07e-003	1.24	0.35	-0.27	-0.46
	422	7.59e-002	0.21	0.82	0.72	-0.65	0.12
	423	-0.97	0.14	0.44	0.61	0.94	0.28

193	-0.98	-6.39e-002	0.85	2.76	0.47	-0.30	
250	221	-2.89e-002	-1.88e-003	0.54	6.25e-002	-2.97e-002	0.21
	421	-3.13e-002	-3.90e-002	0.44	0.18	-8.11e-002	0.28
	422	6.02e-002	-3.31e-002	0.68	0.47	-0.13	0.11
	383	6.26e-002	4.07e-003	0.79	6.71e-002	-4.90e-003	3.12e-002
251	380	-4.64e-002	-3.02e-003	0.40	1.76e-002	-6.84e-003	0.36
	420	-5.83e-002	-0.19	0.37	4.44e-002	-1.50e-002	0.38
	421	-4.08e-002	-0.19	0.41	0.16	-8.44e-002	0.30
	221	-2.89e-002	-1.88e-003	0.44	-2.54e-002	-1.30e-002	0.28
252	220	-4.18e-002	-2.71e-003	0.18	4.54e-003	-1.55e-003	0.40
	419	-6.07e-002	-0.29	0.16	9.19e-003	-4.44e-003	0.40
	420	-6.53e-002	-0.29	0.28	4.34e-002	-2.80e-002	0.38
	380	-4.64e-002	-3.02e-003	0.29	-1.54e-002	-5.39e-003	0.38
253	379	-4.26e-002	-2.77e-003	-1.73e-002	1.39e-003	-2.80e-004	0.41
	418	-6.42e-002	-0.34	-1.94e-002	2.93e-003	-1.44e-003	0.41
	419	-6.34e-002	-0.34	7.46e-002	1.14e-002	-7.74e-003	0.41
	220	-4.18e-002	-2.71e-003	7.67e-002	-5.39e-003	-1.73e-003	0.41
254	219	-4.26e-002	-2.77e-003	-0.21	1.48e-003	2.83e-004	0.42
	417	-6.28e-002	-0.31	-0.20	5.57e-003	-2.21e-004	0.41
	418	-6.27e-002	-0.31	-0.11	5.14e-003	-1.50e-003	0.41
	379	-4.26e-002	-2.77e-003	-0.12	-1.20e-003	-5.47e-004	0.41
255	376	-4.99e-002	-3.24e-003	-0.44	5.39e-003	1.39e-003	0.42
	416	-6.45e-002	-0.23	-0.41	1.75e-002	8.69e-004	0.41
	417	-5.72e-002	-0.23	-0.29	1.01e-002	1.91e-003	0.41
	219	-4.26e-002	-2.77e-003	-0.32	1.17e-003	-2.81e-004	0.42
256	218	-3.94e-002	-2.56e-003	-0.58	2.62e-002	6.20e-003	0.41
	415	-4.36e-002	-6.70e-002	-0.54	5.12e-002	7.22e-003	0.40
	416	-5.41e-002	-6.77e-002	-0.51	3.30e-002	9.21e-003	0.40
	376	-4.99e-002	-3.24e-003	-0.54	4.97e-003	-6.33e-004	0.42
257	375	0.11	7.13e-003	-0.91	0.13	3.15e-002	0.36
	414	0.12	0.11	-0.81	0.11	6.97e-002	0.32
	415	-3.28e-002	0.10	-0.56	0.11	2.64e-002	0.38
	218	-3.94e-002	-2.56e-003	-0.66	1.38e-002	-2.82e-003	0.41
258	190	-1.03	-6.70e-002	-0.83	1.22	0.28	4.24e-002
	393	-1.01	0.24	-0.37	0.36	0.78	-0.23
	414	0.13	0.31	-0.89	0.38	-0.10	0.18
	375	0.11	7.13e-003	-1.35	0.11	-7.68e-002	0.46
259	402	-0.30	0.71	0.52	0.32	0.84	-0.90
	412	-0.25	1.48	0.45	-2.50e-002	0.75	-0.87
	413	-0.16	1.48	0.17	0.35	2.55	-0.36
	403	-0.21	0.72	0.24	0.21	1.79	-0.39
260	401	-0.18	0.43	0.37	0.16	0.26	-1.35
	411	-0.16	0.65	7.23e-002	3.97e-003	0.24	-1.31
	412	-0.30	0.64	0.25	-7.86e-003	0.99	-1.04
	402	-0.31	0.42	0.55	0.36	0.64	-1.07
261	400	-0.19	0.12	0.29	6.44e-002	8.45e-002	-1.51
	410	-0.20	8.87e-002	7.03e-002	3.35e-003	6.78e-002	-1.49
	411	-0.20	8.85e-002	6.91e-002	-1.39e-002	0.36	-1.38
	401	-0.20	0.12	0.28	0.17	0.21	-1.40
262	399	-0.20	-8.45e-002	0.14	2.16e-002	2.08e-002	-1.56
	409	-0.21	-0.24	2.66e-002	1.60e-003	9.72e-003	-1.55
	410	-0.22	-0.24	8.23e-002	-6.74e-003	0.12	-1.51
	400	-0.21	-8.49e-002	0.20	6.77e-002	6.32e-002	-1.52
263	398	-0.20	-0.20	3.98e-002	3.18e-003	-1.56e-002	-1.57
	408	-0.22	-0.41	-1.26e-003	8.02e-004	-2.68e-002	-1.57
	409	-0.22	-0.41	3.32e-002	-2.37e-003	3.25e-002	-1.56
	399	-0.21	-0.20	7.42e-002	2.29e-002	1.08e-002	-1.56

264	397	-0.21	-0.20	-6.64e-002	1.30e-003	-6.90e-002	-1.56
	407	-0.22	-0.41	-3.09e-002	7.06e-004	-8.53e-002	-1.56
	408	-0.22	-0.41	3.78e-003	1.01e-003	-1.72e-002	-1.57
	398	-0.20	-0.20	-3.17e-002	6.04e-003	-2.45e-002	-1.57
265	396	-0.21	-0.10	-0.19	3.68e-002	-0.19	-1.53
	406	-0.22	-0.26	-7.96e-002	9.07e-003	-0.22	-1.54
	407	-0.21	-0.26	-2.43e-002	1.03e-002	-8.56e-002	-1.56
	397	-0.20	-0.10	-0.13	1.04e-002	-9.17e-002	-1.55
266	395	-0.20	0.10	-0.28	0.15	-0.46	-1.46
	405	-0.20	5.91e-002	-6.75e-002	8.51e-002	-0.60	-1.51
	406	-0.20	5.93e-002	-6.77e-002	5.01e-002	-0.22	-1.56
	396	-0.19	0.10	-0.28	6.09e-002	-0.29	-1.51
267	394	-0.31	0.40	-0.54	-1.30e-002	-1.00	-1.14
	404	-0.30	0.59	-0.25	0.22	-2.01	-1.14
	405	-0.16	0.60	-7.11e-002	0.17	-0.34	-1.51
	395	-0.18	0.40	-0.36	0.16	-0.85	-1.51
268	353	-0.20	0.69	-0.25	4.46	-2.58	-0.25
	363	-0.15	1.42	-0.16	-9.88	-6.21	1.06
	404	-0.24	1.42	-0.43	-0.17	0.98	0.41
	394	-0.29	0.68	-0.52	-0.26	-0.83	-0.91
269	392	-0.14	0.32	0.75	0.31	0.32	-1.00
	402	-0.11	0.72	0.70	0.39	0.70	-0.95
	403	-0.47	0.70	0.24	0.32	1.58	-0.39
	393	-0.50	0.29	0.29	0.69	1.23	-0.45
270	391	-0.15	0.17	0.39	0.15	0.11	-1.44
	401	-0.13	0.43	0.43	0.20	0.22	-1.36
	402	-0.13	0.43	0.73	0.15	0.52	-1.13
	392	-0.15	0.17	0.69	0.49	0.33	-1.21
271	390	-0.15	7.82e-002	0.37	5.57e-002	3.23e-002	-1.55
	400	-0.15	0.12	0.36	7.87e-002	7.27e-002	-1.51
	401	-0.15	0.12	0.35	7.48e-002	0.16	-1.44
	391	-0.15	7.82e-002	0.36	0.18	0.10	-1.47
272	389	-0.15	-2.92e-002	0.19	1.79e-002	4.41e-003	-1.57
	399	-0.16	-8.16e-002	0.17	2.94e-002	1.80e-002	-1.56
	400	-0.16	-8.21e-002	0.27	3.10e-002	4.64e-002	-1.54
	390	-0.16	-2.98e-002	0.28	6.66e-002	3.20e-002	-1.55
273	388	-0.15	-8.23e-002	4.80e-002	2.40e-004	-1.35e-002	-1.58
	398	-0.16	-0.20	4.09e-002	1.17e-002	-1.34e-002	-1.57
	399	-0.16	-0.20	0.10	9.42e-003	5.90e-003	-1.57
	389	-0.16	-8.25e-002	0.11	2.31e-002	5.12e-003	-1.57
274	387	-0.15	-8.44e-002	-0.10	-4.86e-003	-4.95e-002	-1.55
	397	-0.16	-0.20	-9.47e-002	1.66e-002	-6.10e-002	-1.55
	398	-0.16	-0.20	-3.06e-002	9.10e-004	-2.38e-002	-1.57
	388	-0.15	-8.42e-002	-3.67e-002	1.00e-002	-1.39e-002	-1.57
275	386	-0.16	-3.56e-002	-0.27	3.22e-002	-0.15	-1.48
	396	-0.16	-9.39e-002	-0.26	7.16e-002	-0.17	-1.51
	397	-0.16	-9.34e-002	-0.16	1.09e-002	-8.69e-002	-1.55
	387	-0.15	-3.50e-002	-0.18	2.74e-002	-5.05e-002	-1.53
276	385	-0.15	6.86e-002	-0.35	0.27	-0.45	-1.32
	395	-0.15	0.10	-0.34	0.29	-0.41	-1.43
	396	-0.15	0.10	-0.34	8.32e-002	-0.29	-1.50
	386	-0.15	6.86e-002	-0.36	0.14	-0.15	-1.40
277	384	-0.15	0.16	-0.67	1.18	-0.99	-1.00
	394	-0.13	0.41	-0.71	1.07	-0.66	-1.39
	395	-0.13	0.41	-0.42	0.34	-0.94	-1.47
	385	-0.15	0.16	-0.38	0.63	-0.48	-1.08
278	343	-0.48	0.28	-0.30	9.19	2.31	0.20

	353	-0.45	0.67	-0.24	-4.69	-1.88	-0.24
	394	-0.11	0.70	-0.69	0.84	-0.58	-0.95
	384	-0.14	0.30	-0.75	1.92	-2.84	-0.51
279	372	8.31e-002	5.40e-003	1.13	8.25e-002	-4.82e-002	-1.33
	392	0.10	0.33	0.75	0.46	0.12	-1.03
	393	-1.01	0.26	0.30	0.50	1.02	-0.40
	190	-1.03	-6.70e-002	0.68	1.12	0.34	-0.69
280	217	-4.64e-002	-3.02e-003	0.51	6.83e-003	5.79e-003	-1.48
	391	-3.46e-002	0.18	0.46	0.15	8.93e-002	-1.44
	392	9.50e-002	0.19	0.68	0.11	0.20	-1.29
	372	8.31e-002	5.40e-003	0.74	0.19	6.46e-002	-1.33
281	371	-5.59e-002	-3.63e-003	0.43	3.51e-003	1.85e-003	-1.56
	390	-5.02e-002	8.49e-002	0.41	5.56e-002	2.51e-002	-1.54
	391	-4.07e-002	8.55e-002	0.43	6.17e-002	6.14e-002	-1.50
	217	-4.64e-002	-3.02e-003	0.45	5.05e-002	1.97e-002	-1.51
282	216	-5.15e-002	-3.35e-003	0.23	2.45e-005	-4.84e-004	-1.58
	389	-5.28e-002	-2.28e-002	0.21	2.15e-002	3.73e-003	-1.57
	390	-5.72e-002	-2.31e-002	0.32	2.66e-002	1.86e-002	-1.56
	371	-5.59e-002	-3.63e-003	0.34	1.66e-002	6.39e-003	-1.57
283	368	-5.24e-002	-3.41e-003	5.33e-002	-5.76e-003	-2.65e-003	-1.58
	388	-5.71e-002	-7.61e-002	4.87e-002	1.32e-002	-9.30e-003	-1.57
	389	-5.62e-002	-7.60e-002	0.13	9.23e-003	1.93e-003	-1.58
	216	-5.15e-002	-3.35e-003	0.14	6.31e-003	1.43e-003	-1.58
284	215	-5.14e-002	-3.34e-003	-0.12	-1.95e-002	-7.96e-003	-1.54
	387	-5.63e-002	-7.80e-002	-0.12	3.18e-002	-3.60e-002	-1.54
	388	-5.73e-002	-7.80e-002	-3.60e-002	2.54e-003	-1.11e-002	-1.57
	368	-5.24e-002	-3.41e-003	-4.00e-002	5.80e-003	-1.90e-003	-1.57
285	367	-5.57e-002	-3.62e-003	-0.32	-5.42e-002	-2.31e-002	-1.41
	386	-5.73e-002	-2.89e-002	-0.31	0.13	-0.12	-1.43
	387	-5.31e-002	-2.86e-002	-0.20	1.28e-002	-3.68e-002	-1.53
	215	-5.14e-002	-3.34e-003	-0.21	1.66e-002	-8.78e-003	-1.51
286	214	-4.64e-002	-3.02e-003	-0.44	-0.10	-5.89e-002	-1.02
	385	-4.13e-002	7.59e-002	-0.42	0.47	-0.37	-1.09
	386	-5.06e-002	7.53e-002	-0.39	9.43e-002	-0.10	-1.40
	367	-5.57e-002	-3.62e-003	-0.41	6.03e-002	-3.30e-002	-1.33
287	364	7.67e-002	4.99e-003	-0.72	0.15	-5.19e-002	0.11
	384	8.78e-002	0.18	-0.66	1.82	-0.80	-0.26
	385	-3.53e-002	0.17	-0.45	0.51	-0.38	-1.07
	214	-4.64e-002	-3.02e-003	-0.50	0.25	-0.15	-0.71
288	187	-1.00	-6.52e-002	-0.66	14.27	2.23	2.49
	343	-0.98	0.24	-0.30	9.18e-002	2.60	-0.35
	384	0.10	0.31	-0.74	2.67	-2.54	-0.16
	364	7.67e-002	4.99e-003	-1.10	1.60	-1.58	2.68
329	352	-0.31	0.62	0.61	9.41e-002	0.14	1.27
	362	-0.26	1.33	0.50	-0.33	1.06	0.16
	363	-0.15	1.33	0.20	-8.60	-2.02	0.32
	353	-0.20	0.63	0.31	3.80	-0.45	1.43
330	351	-0.16	0.19	0.43	0.22	-0.42	1.28
	361	-0.16	0.24	7.57e-002	0.15	-0.11	1.35
	362	-0.33	0.23	0.28	7.86e-002	-0.77	1.28
	352	-0.34	0.18	0.63	0.51	-0.35	1.22
331	350	-0.17	-0.25	0.35	6.60e-002	-0.11	1.24
	360	-0.19	-0.49	7.21e-002	3.03e-002	-0.10	1.26
	361	-0.21	-0.49	6.68e-002	1.43e-002	-0.21	1.29
	351	-0.19	-0.26	0.34	0.18	-0.21	1.26
332	349	-0.18	-0.55	0.18	1.37e-002	-2.90e-002	1.24
	359	-0.21	-0.95	2.83e-002	5.27e-003	-3.44e-002	1.25

	360	-0.22	-0.95	9.24e-002	-3.88e-003	-7.19e-002	1.25
	350	-0.19	-0.55	0.24	3.93e-002	-8.08e-002	1.25
333	348	-0.18	-0.71	5.68e-002	4.85e-003	-5.48e-003	1.24
	358	-0.21	-1.18	-1.45e-004	4.05e-004	-3.49e-003	1.24
	359	-0.22	-1.18	4.03e-002	-1.92e-003	-2.69e-002	1.25
	349	-0.19	-0.71	0.10	4.73e-003	-2.57e-002	1.25
334	347	-0.19	-0.73	-6.94e-002	1.25e-002	7.05e-003	1.24
	357	-0.22	-1.21	-3.29e-002	-2.27e-003	2.09e-002	1.24
	358	-0.22	-1.21	8.04e-003	-1.77e-003	-1.00e-002	1.24
	348	-0.18	-0.73	-2.85e-002	2.53e-003	-3.63e-003	1.25
335	346	-0.19	-0.60	-0.21	4.27e-002	3.39e-002	1.21
	356	-0.22	-1.02	-8.40e-002	-7.67e-003	7.73e-002	1.20
	357	-0.21	-1.02	-2.09e-002	-4.73e-003	-2.66e-003	1.23
	347	-0.18	-0.60	-0.15	1.21e-002	1.25e-002	1.24
336	345	-0.19	-0.33	-0.31	0.13	0.13	1.12
	355	-0.21	-0.61	-6.12e-002	-1.81e-002	0.25	1.10
	356	-0.19	-0.61	-6.38e-002	-1.29e-002	1.04e-002	1.19
	346	-0.17	-0.33	-0.32	4.09e-002	4.51e-002	1.20
337	344	-0.32	6.58e-002	-0.60	0.34	0.49	0.86
	354	-0.32	6.45e-002	-0.26	-1.12e-002	0.77	0.81
	355	-0.16	7.50e-002	-6.96e-002	-3.06e-002	8.67e-002	1.04
	345	-0.16	7.64e-002	-0.40	0.11	0.14	1.08
338	323	-0.22	0.49	-0.30	0.31	1.59	0.27
	333	-0.18	1.11	-0.18	0.28	2.07	0.21
	354	-0.26	1.10	-0.46	-6.93e-002	0.49	0.64
	344	-0.30	0.49	-0.58	0.24	0.49	0.70
339	342	-0.11	0.28	0.88	1.53	-2.14	0.77
	352	-9.04e-002	0.63	0.82	0.91	0.10	1.27
	353	-0.46	0.61	0.31	-4.10	-0.23	1.26
	343	-0.48	0.26	0.37	8.77	2.90	0.77
340	341	-0.15	7.33e-002	0.46	0.51	-0.20	0.96
	351	-0.15	0.19	0.51	0.32	-0.45	1.24
	352	-0.12	0.19	0.84	0.57	-0.27	1.29
	342	-0.13	7.50e-002	0.80	1.33	-0.52	1.01
341	340	-0.15	-0.10	0.44	0.11	-3.25e-002	1.17
	350	-0.16	-0.25	0.43	7.63e-002	-0.11	1.23
	351	-0.17	-0.25	0.42	0.21	-0.20	1.21
	341	-0.16	-0.10	0.43	0.18	-0.26	1.15
342	339	-0.14	-0.26	0.23	2.08e-002	-8.34e-003	1.23
	349	-0.16	-0.55	0.22	1.34e-002	-2.65e-002	1.24
	350	-0.18	-0.55	0.32	4.96e-002	-7.90e-002	1.22
	340	-0.16	-0.26	0.34	1.81e-002	-8.15e-002	1.21
343	338	-0.14	-0.34	6.70e-002	6.02e-003	-1.81e-003	1.24
	348	-0.17	-0.71	6.07e-002	1.43e-003	-5.61e-003	1.25
	349	-0.17	-0.71	0.14	1.02e-002	-2.41e-002	1.24
	339	-0.15	-0.34	0.14	-2.77e-003	-2.21e-002	1.24
344	337	-0.15	-0.35	-0.10	1.26e-002	2.88e-003	1.25
	347	-0.17	-0.73	-0.10	1.95e-003	3.44e-003	1.24
	348	-0.17	-0.73	-2.46e-002	5.63e-003	-2.86e-003	1.24
	338	-0.14	-0.35	-2.88e-002	-1.59e-004	-4.13e-003	1.25
345	336	-0.16	-0.29	-0.30	4.26e-002	1.38e-002	1.23
	346	-0.18	-0.60	-0.29	9.14e-003	2.12e-002	1.22
	347	-0.16	-0.60	-0.18	1.48e-002	1.21e-002	1.24
	337	-0.14	-0.29	-0.19	9.13e-003	4.77e-003	1.24
346	335	-0.16	-0.14	-0.40	0.14	5.43e-002	1.17
	345	-0.18	-0.33	-0.39	3.07e-002	8.97e-002	1.15
	346	-0.16	-0.33	-0.39	4.69e-002	4.17e-002	1.21

	336	-0.15	-0.14	-0.40	3.48e-002	2.16e-002	1.23
347	334	-0.13	1.79e-002	-0.75	0.46	0.23	0.97
	344	-0.12	7.88e-002	-0.80	9.10e-002	0.38	0.90
	345	-0.15	7.73e-002	-0.48	0.14	0.12	1.09
	335	-0.15	1.63e-002	-0.43	0.11	6.90e-002	1.16
348	313	-0.50	0.19	-0.35	0.72	1.13	0.31
	323	-0.48	0.48	-0.30	0.33	1.43	0.22
	344	-0.10	0.50	-0.79	0.31	0.38	0.71
	334	-0.12	0.21	-0.84	0.25	0.12	0.81
349	302	0.12	7.74e-003	1.34	1.50	-1.13	-1.93
	342	0.14	0.30	0.88	2.19	-2.08	0.59
	343	-0.98	0.23	0.36	0.49	2.83	1.20
	187	-1.00	-6.52e-002	0.82	13.53	1.97	-1.32
350	213	-3.74e-002	-2.43e-003	0.66	0.13	-5.46e-002	0.78
	341	-3.20e-002	8.11e-002	0.55	0.39	-0.11	0.94
	342	0.12	9.13e-002	0.80	1.12	-0.50	0.44
	302	0.12	7.74e-003	0.91	-1.17e-002	-6.14e-002	0.28
351	301	-4.84e-002	-3.14e-003	0.52	3.31e-002	-1.09e-002	1.13
	340	-5.44e-002	-0.10	0.48	8.24e-002	-1.45e-002	1.16
	341	-4.35e-002	-0.10	0.52	0.34	-0.21	0.98
	213	-3.74e-002	-2.43e-003	0.56	-0.10	-3.90e-002	0.95
352	212	-4.08e-002	-2.65e-003	0.28	7.53e-003	-2.12e-003	1.22
	339	-5.73e-002	-0.26	0.26	1.34e-002	-4.02e-003	1.23
	340	-6.49e-002	-0.26	0.38	8.21e-002	-6.46e-002	1.17
	301	-4.84e-002	-3.14e-003	0.41	-4.30e-002	-1.37e-002	1.17
353	298	-4.11e-002	-2.67e-003	7.91e-002	2.40e-003	-2.59e-004	1.24
	338	-6.27e-002	-0.33	6.94e-002	2.11e-003	-1.30e-003	1.25
	339	-6.24e-002	-0.33	0.17	1.90e-002	-1.65e-002	1.23
	212	-4.08e-002	-2.65e-003	0.18	-1.36e-002	-3.94e-003	1.23
354	211	-4.03e-002	-2.62e-003	-0.13	3.43e-003	7.16e-004	1.25
	337	-6.24e-002	-0.34	-0.12	3.43e-003	1.14e-003	1.25
	338	-6.32e-002	-0.34	-2.64e-002	6.61e-003	-2.74e-003	1.25
	298	-4.11e-002	-2.67e-003	-3.26e-002	-3.59e-003	-1.00e-003	1.25
355	297	-4.72e-002	-3.06e-003	-0.36	1.20e-002	2.98e-003	1.24
	336	-6.52e-002	-0.28	-0.34	1.10e-002	6.47e-003	1.24
	337	-5.83e-002	-0.28	-0.21	1.11e-002	4.13e-003	1.24
	211	-4.03e-002	-2.62e-003	-0.24	-6.59e-005	-1.27e-005	1.25
356	210	-3.45e-002	-2.24e-003	-0.52	4.81e-002	1.16e-002	1.21
	335	-4.31e-002	-0.14	-0.48	2.84e-002	2.69e-002	1.20
	336	-5.58e-002	-0.14	-0.44	3.51e-002	1.81e-002	1.23
	297	-4.72e-002	-3.06e-003	-0.48	2.40e-003	8.25e-004	1.24
357	294	0.12	7.62e-003	-0.86	0.19	4.60e-002	1.07
	334	0.12	3.39e-002	-0.75	3.50e-002	0.13	1.04
	335	-3.28e-002	2.41e-002	-0.51	0.11	6.02e-002	1.16
	210	-3.45e-002	-2.24e-003	-0.62	3.43e-003	3.80e-003	1.19
358	181	-1.03	-6.71e-002	-0.79	1.09	0.30	0.51
	313	-1.02	0.15	-0.35	0.53	0.94	0.24
	334	0.13	0.23	-0.84	0.39	-1.81e-002	0.82
	294	0.12	7.62e-003	-1.28	8.62e-002	-4.20e-002	1.09
359	322	-0.29	0.52	0.56	0.26	0.52	-0.32
	332	-0.25	1.19	0.47	1.24e-002	0.62	-0.30
	333	-0.18	1.20	0.17	4.80e-003	1.60	9.99e-003
	323	-0.22	0.52	0.27	0.46	1.34	-9.36e-003
360	321	-0.17	0.20	0.40	0.13	0.15	-0.62
	331	-0.16	0.30	7.82e-002	1.08e-002	0.15	-0.59
	332	-0.31	0.29	0.27	1.64e-002	0.66	-0.40
	322	-0.31	0.19	0.59	0.29	0.44	-0.43

361	320	-0.19	-0.15	0.32	5.10e-002	4.76e-002	-0.74
	330	-0.20	-0.31	7.80e-002	3.58e-003	3.44e-002	-0.72
	331	-0.20	-0.31	7.44e-002	-6.45e-003	0.24	-0.64
	321	-0.19	-0.15	0.31	0.14	0.13	-0.66
362	319	-0.19	-0.38	0.17	1.39e-002	9.11e-003	-0.78
	329	-0.21	-0.69	3.36e-002	1.33e-003	-2.36e-003	-0.77
	330	-0.22	-0.69	9.10e-002	-5.14e-003	7.96e-002	-0.74
	320	-0.20	-0.38	0.23	5.20e-002	3.58e-002	-0.75
363	318	-0.19	-0.52	6.52e-002	-4.83e-003	-1.83e-002	-0.78
	328	-0.22	-0.90	6.27e-003	1.21e-003	-3.28e-002	-0.77
	329	-0.23	-0.90	4.07e-002	-1.93e-003	1.84e-002	-0.77
	319	-0.20	-0.53	0.10	1.44e-002	1.88e-003	-0.78
364	317	-0.20	-0.55	-4.43e-002	-1.79e-002	-6.89e-002	-0.76
	327	-0.22	-0.94	-2.49e-002	2.24e-003	-0.10	-0.76
	328	-0.22	-0.94	1.17e-002	7.66e-004	-1.92e-002	-0.77
	318	-0.20	-0.55	-7.61e-003	-2.52e-003	-2.64e-002	-0.77
365	316	-0.20	-0.47	-0.17	-1.97e-002	-0.20	-0.70
	326	-0.22	-0.82	-7.12e-002	1.04e-002	-0.26	-0.71
	327	-0.22	-0.82	-1.84e-002	7.78e-003	-8.18e-002	-0.75
	317	-0.19	-0.47	-0.11	-9.38e-003	-8.98e-002	-0.74
366	315	-0.20	-0.28	-0.25	7.90e-003	-0.54	-0.56
	325	-0.21	-0.53	-6.55e-002	7.29e-002	-0.73	-0.59
	326	-0.21	-0.53	-6.00e-002	3.88e-002	-0.23	-0.70
	316	-0.19	-0.28	-0.25	7.21e-003	-0.28	-0.67
367	314	-0.29	1.09e-002	-0.48	-9.38e-002	-1.34	-0.10
	324	-0.30	-4.24e-002	-0.21	0.26	-2.27	-0.12
	325	-0.18	-3.49e-002	-6.59e-002	0.15	-0.47	-0.57
	315	-0.18	1.84e-002	-0.33	7.02e-002	-0.84	-0.54
368	277	-0.12	0.33	-0.27	3.38	-3.05	1.50
	283	-0.10	0.71	-0.17	-5.04	-6.98	1.91
	324	-0.25	0.70	-0.38	0.28	2.84e-003	0.69
	314	-0.27	0.32	-0.48	3.90e-003	-1.77	0.28
369	312	-0.13	0.22	0.81	0.32	0.12	-0.41
	322	-0.11	0.53	0.75	0.35	0.44	-0.35
	323	-0.48	0.51	0.26	0.13	1.21	3.95e-002
	313	-0.50	0.20	0.32	0.86	1.05	-2.19e-002
370	311	-0.14	5.92e-002	0.43	0.14	5.90e-002	-0.71
	321	-0.14	0.20	0.47	0.17	0.11	-0.63
	322	-0.13	0.20	0.77	0.19	0.36	-0.47
	312	-0.14	5.94e-002	0.73	0.43	0.21	-0.55
371	310	-0.15	-5.40e-002	0.41	4.79e-002	1.61e-002	-0.77
	320	-0.15	-0.14	0.39	6.29e-002	3.95e-002	-0.74
	321	-0.16	-0.14	0.38	7.22e-002	0.10	-0.69
	311	-0.15	-5.42e-002	0.40	0.15	5.57e-002	-0.72
372	309	-0.15	-0.18	0.23	1.19e-002	3.03e-005	-0.79
	319	-0.16	-0.38	0.21	2.09e-002	8.06e-003	-0.78
	320	-0.17	-0.38	0.30	2.49e-002	2.41e-002	-0.76
	310	-0.16	-0.18	0.32	5.05e-002	1.55e-002	-0.78
373	308	-0.15	-0.25	8.28e-002	-6.72e-003	-1.33e-002	-0.79
	318	-0.16	-0.52	7.31e-002	5.09e-003	-1.49e-002	-0.78
	319	-0.17	-0.52	0.14	4.23e-003	-1.11e-003	-0.78
	309	-0.15	-0.25	0.15	1.44e-002	5.73e-004	-0.79
374	307	-0.15	-0.26	-6.96e-002	-2.29e-002	-4.57e-002	-0.76
	317	-0.17	-0.55	-6.62e-002	4.06e-003	-5.83e-002	-0.76
	318	-0.17	-0.55	2.78e-004	-7.39e-003	-2.47e-002	-0.78
	308	-0.15	-0.26	-3.10e-003	1.11e-003	-1.31e-002	-0.78
375	306	-0.15	-0.22	-0.24	-2.95e-002	-0.14	-0.69

	316	-0.17	-0.47	-0.23	3.72e-002	-0.17	-0.69
	317	-0.16	-0.47	-0.14	-1.25e-002	-8.31e-002	-0.75
	307	-0.15	-0.22	-0.15	5.21e-003	-4.51e-002	-0.74
376	305	-0.15	-0.12	-0.34	5.13e-002	-0.42	-0.49
	315	-0.16	-0.28	-0.32	0.21	-0.46	-0.55
	316	-0.16	-0.28	-0.31	1.37e-002	-0.27	-0.67
	306	-0.15	-0.12	-0.33	7.03e-002	-0.14	-0.61
377	304	-0.15	1.93e-004	-0.63	0.48	-0.96	5.16e-002
	314	-0.15	2.00e-002	-0.64	0.89	-0.99	-0.20
	315	-0.14	2.05e-002	-0.39	0.16	-0.87	-0.52
	305	-0.15	7.27e-004	-0.38	0.38	-0.48	-0.27
378	271	-0.29	0.16	-0.33	5.24	0.48	1.71
	277	-0.28	0.32	-0.28	-2.20	-2.33	1.37
	314	-0.13	0.33	-0.65	0.53	-1.46	0.26
	304	-0.14	0.17	-0.70	1.22	-2.27	0.60
379	292	8.93e-002	5.80e-003	1.20	0.11	-7.89e-002	-0.75
	312	0.10	0.23	0.81	0.44	-6.83e-003	-0.45
	313	-1.02	0.16	0.33	0.37	0.88	4.89e-002
	181	-1.03	-6.71e-002	0.72	1.27	0.33	-0.25
380	209	-4.18e-002	-2.72e-003	0.57	1.48e-002	-1.64e-003	-0.76
	311	-3.73e-002	6.62e-002	0.50	0.13	4.78e-002	-0.72
	312	9.38e-002	7.47e-002	0.73	0.15	0.12	-0.63
	292	8.93e-002	5.80e-003	0.80	0.16	4.68e-002	-0.67
381	291	-5.13e-002	-3.34e-003	0.48	5.42e-003	-3.80e-004	-0.79
	310	-5.42e-002	-4.78e-002	0.45	4.57e-002	1.33e-002	-0.77
	311	-4.47e-002	-4.72e-002	0.48	6.65e-002	2.82e-002	-0.76
	209	-4.18e-002	-2.72e-003	0.50	3.55e-002	1.20e-002	-0.77
382	208	-4.62e-002	-3.00e-003	0.27	3.04e-004	-9.68e-004	-0.79
	309	-5.72e-002	-0.17	0.25	1.52e-002	5.77e-004	-0.79
	310	-6.24e-002	-0.17	0.36	2.47e-002	7.45e-003	-0.79
	291	-5.13e-002	-3.34e-003	0.38	9.84e-003	3.53e-003	-0.79
383	288	-4.66e-002	-3.03e-003	9.49e-002	-5.78e-003	-2.62e-003	-0.79
	308	-6.20e-002	-0.24	8.77e-002	6.66e-003	-8.87e-003	-0.79
	309	-6.16e-002	-0.24	0.17	6.03e-003	-8.93e-004	-0.79
	208	-4.62e-002	-3.00e-003	0.18	3.34e-003	6.47e-004	-0.79
384	207	-4.56e-002	-2.96e-003	-8.60e-002	-2.00e-002	-7.75e-003	-0.76
	307	-6.19e-002	-0.25	-8.38e-002	1.68e-002	-3.20e-002	-0.75
	308	-6.29e-002	-0.25	1.77e-003	-3.46e-003	-1.02e-002	-0.78
	288	-4.66e-002	-3.03e-003	-4.76e-004	3.24e-003	-1.54e-003	-0.78
385	287	-4.98e-002	-3.24e-003	-0.29	-5.68e-002	-2.29e-002	-0.65
	306	-6.36e-002	-0.21	-0.27	7.93e-002	-0.11	-0.65
	307	-5.93e-002	-0.21	-0.16	-5.00e-003	-3.32e-002	-0.74
	207	-4.56e-002	-2.96e-003	-0.18	1.10e-002	-6.92e-003	-0.73
386	206	-4.68e-002	-3.04e-003	-0.42	-0.12	-6.05e-002	-0.30
	305	-5.41e-002	-0.12	-0.40	0.32	-0.32	-0.34
	306	-5.72e-002	-0.12	-0.36	3.25e-002	-0.10	-0.61
	287	-4.98e-002	-3.24e-003	-0.38	4.40e-002	-2.66e-002	-0.57
387	284	4.78e-002	3.11e-003	-0.72	-6.84e-002	-0.10	0.69
	304	4.85e-002	1.33e-002	-0.67	1.20	-0.72	0.48
	305	-4.61e-002	7.16e-003	-0.44	0.26	-0.37	-0.25
	206	-4.68e-002	-3.04e-003	-0.49	0.17	-0.11	-4.15e-002
388	176	-0.60	-3.88e-002	-0.64	7.45	1.03	2.81
	271	-0.59	0.14	-0.31	8.54e-002	0.81	1.37
	304	5.92e-002	0.18	-0.73	1.41	-1.85	0.83
	284	4.78e-002	3.11e-003	-1.07	0.93	-0.90	2.27
429	276	-0.11	0.46	0.18	0.52	0.16	2.38
	282	-7.75e-002	0.93	0.18	-5.32e-002	0.83	2.00

	283	-8.35e-002	0.93	4.94e-002	-2.91	-0.81	2.23
	277	-0.11	0.46	5.04e-002	2.01	-0.11	2.61
430	275	-4.90e-002	0.40	0.11	0.87	-0.19	1.96
	281	-3.35e-002	0.64	1.25e-002	1.36e-002	0.41	1.91
	282	-0.10	0.63	0.11	0.13	-0.18	2.32
	276	-0.11	0.39	0.20	0.55	-5.79e-002	2.37
431	274	-3.40e-002	0.31	0.10	2.06	6.40e-002	0.88
	280	-2.48e-002	0.45	5.22e-002	5.43e-003	1.43	0.62
	281	-4.56e-002	0.45	7.16e-003	0.14	-0.12	1.64
	275	-5.48e-002	0.31	5.66e-002	0.94	1.47e-002	1.91
432	273	-8.81e-002	0.18	-0.17	5.20	1.15	-1.51
	279	-7.07e-002	0.45	-0.13	1.56	4.16	-2.57
	280	-2.48e-002	0.45	7.38e-002	0.52	9.43e-002	-0.26
	274	-4.21e-002	0.18	3.98e-002	2.43	0.28	0.80
433	272	-0.76	-8.93e-002	0.29	5.18	9.42	-0.33
	278	-0.70	0.76	-4.49e-002	30.31	4.36	-7.08
	279	-4.76e-002	0.80	-0.42	4.24	2.00	-8.55
	273	-0.10	-4.69e-002	-8.34e-002	8.15	-2.41	-1.80
434	270	-4.39e-002	0.19	0.24	1.35	-1.08	2.15
	276	-2.59e-002	0.46	0.23	0.94	0.14	2.42
	277	-0.27	0.45	3.62e-002	-1.02	5.65e-002	2.42
	271	-0.29	0.17	4.70e-002	4.38	1.65	2.15
435	269	-4.74e-002	0.16	0.10	0.97	-0.25	2.10
	275	-3.19e-002	0.40	0.13	0.79	-0.35	2.20
	276	-3.02e-002	0.40	0.26	0.94	-2.36e-002	2.36
	270	-4.57e-002	0.16	0.23	1.15	-0.33	2.27
436	268	-3.85e-002	0.15	0.15	1.83	-0.18	2.13
	274	-2.81e-002	0.31	0.12	1.70	-0.19	1.68
	275	-3.77e-002	0.31	7.47e-002	1.06	-8.21e-002	1.87
	269	-4.81e-002	0.15	0.11	9.99e-001	-0.34	2.32
437	267	3.83e-002	2.38e-002	2.66e-002	5.03	0.72	2.13
	273	4.90e-002	0.19	-7.37e-002	5.57	0.74	0.51
	274	-3.62e-002	0.18	5.66e-002	2.80	-7.31e-002	0.89
	268	-4.70e-002	1.83e-002	0.16	2.35	-0.64	2.51
438	266	-0.69	-0.10	0.28	-2.76	5.06	1.10
	272	-0.69	-8.53e-002	0.23	23.59	10.12	-0.95
	273	3.43e-002	-3.80e-002	1.11e-002	7.04	-3.19	-0.84
	267	3.34e-002	-5.17e-002	6.14e-002	5.84	-6.37e-002	1.21
439	205	5.01e-002	3.26e-003	0.37	0.78	-0.74	0.55
	270	6.26e-002	0.19	0.21	1.76	-1.10	2.01
	271	-0.58	0.15	6.94e-002	0.86	1.72	2.37
	176	-0.60	-3.88e-002	0.23	6.79	1.19	0.91
440	204	-1.04e-002	-6.74e-004	0.15	0.14	-6.81e-002	2.14
	269	2.19e-004	0.16	0.13	0.86	-0.23	2.28
	270	6.07e-002	0.17	0.19	1.17	-0.31	1.86
	205	5.01e-002	3.26e-003	0.21	0.26	3.72e-004	1.73
441	203	-5.97e-003	-3.88e-004	0.15	0.21	1.96e-002	2.82
	268	3.90e-003	0.15	0.15	1.52	-0.25	2.62
	269	-5.01e-004	0.15	0.14	0.88	-0.28	2.18
	204	-1.04e-002	-6.74e-004	0.14	0.17	-8.07e-002	2.39
442	202	8.90e-002	5.78e-003	0.15	1.39	0.27	3.49
	267	9.03e-002	2.72e-002	0.16	2.76	0.16	2.95
	268	-4.57e-003	2.11e-002	0.15	1.89	-0.40	2.58
	203	-5.97e-003	-3.88e-004	0.15	0.40	-0.19	3.12
443	175	-0.64	-4.13e-002	-1.24e-002	-9.80	-0.12	1.23
	266	-0.64	-0.10	0.23	15.19	4.84	1.07
	267	8.54e-002	-4.84e-002	0.19	4.33	-1.09	1.92

	202	8.90e-002	5.78e-003	-5.56e-002	0.22	0.81	2.08
600	158	-2.53e-002	-9.78e-003	-2.36e-002	0.49	-2.49	1.16e-002
	104	-5.16e-002	-0.41	-0.11	-0.37	-1.60	-0.12
	41	-2.68e-002	-0.41	-0.19	-1.05	-4.49	-1.31
	116	-5.31e-004	-8.17e-003	-0.10	0.83	-0.77	-1.18
601	157	-3.20e-002	-0.11	-6.55e-003	0.25	-1.79	8.45e-002
	103	-4.44e-002	-0.30	-9.45e-003	3.90e-002	-1.59	0.10
	104	-4.39e-002	-0.30	-4.61e-002	2.19e-002	-2.32	8.19e-002
	158	-3.16e-002	-0.11	-4.32e-002	0.24	-2.05	6.51e-002
602	156	-4.72e-003	-0.12	1.26e-002	0.15	-1.13	-1.59e-002
	102	-1.55e-002	-0.29	7.65e-003	9.24e-002	-1.10	7.37e-002
	103	-4.41e-002	-0.29	2.46e-002	7.70e-002	-1.63	0.11
	157	-3.33e-002	-0.13	2.96e-002	0.28	-1.67	2.16e-002
603	155	-7.30e-002	-9.83e-003	0.20	-0.25	-0.23	0.30
	1	-0.10	-0.37	0.18	0.70	-0.67	0.28
	102	-2.02e-002	-0.36	-3.89e-003	6.53e-002	-1.13	-2.05e-002
	156	3.04e-003	-4.89e-003	1.74e-002	0.27	-0.96	-8.09e-004
604	154	-7.65e-002	-2.29e-002	-9.33e-003	0.69	-1.92	0.42
	158	-7.59e-002	-1.31e-002	-2.36e-003	0.52	-2.08	-0.23
	116	-5.31e-004	-8.17e-003	1.02e-002	2.71e-002	-0.54	-0.26
	115	-1.17e-003	-1.80e-002	3.19e-003	3.23e-002	-0.65	0.40
605	153	-7.93e-002	-2.78e-002	-2.82e-003	0.47	-2.02	-0.18
	157	-8.46e-002	-0.11	-1.61e-002	0.43	-1.92	1.34e-002
	158	-8.21e-002	-0.11	-2.19e-002	0.66	-1.92	0.17
	154	-7.68e-002	-2.76e-002	-8.65e-003	0.61	-2.17	-1.96e-002
606	152	-4.50e-002	-8.68e-003	7.40e-003	2.81e-002	-1.10	-0.35
	156	-5.27e-002	-0.13	2.96e-002	0.16	-1.22	-2.58e-002
	157	-8.59e-002	-0.13	2.00e-002	0.35	-1.59	1.12e-002
	153	-7.82e-002	-1.08e-002	-2.19e-003	0.43	-1.80	-0.31
607	151	0.12	-1.42e-002	-2.09e-002	-0.34	-0.16	-0.24
	155	0.12	2.85e-003	7.18e-003	-0.21	-0.26	0.10
	156	-4.50e-002	-8.01e-003	3.44e-002	7.76e-002	-0.82	1.22e-002
	152	-4.61e-002	-2.50e-002	6.33e-003	-1.16e-002	-0.75	-0.32
608	150	-5.03e-002	-8.32e-003	6.39e-002	0.43	-3.94	0.79
	154	-5.11e-002	-2.13e-002	1.12e-002	0.90	-2.15	-3.46e-004
	115	-1.17e-003	-1.80e-002	1.42e-002	0.32	-0.79	0.84
	114	-3.29e-004	-5.07e-003	6.70e-002	-0.32	-0.95	1.64
609	149	-6.38e-002	-0.13	2.73e-002	-8.90e-002	-2.66	-0.80
	153	-5.74e-002	-2.63e-002	-4.28e-003	0.64	-2.21	-0.40
	154	-5.14e-002	-2.59e-002	1.18e-002	0.66	-2.29	0.11
	150	-5.79e-002	-0.13	4.34e-002	0.68	-3.02	-0.29
610	148	-5.75e-002	-0.13	-7.05e-002	-0.25	-1.13	-0.79
	152	-4.95e-002	-8.97e-003	-3.26e-002	1.37e-002	-1.10	-0.44
	153	-5.63e-002	-9.41e-003	-3.65e-003	0.34	-1.83	-0.47
	149	-6.43e-002	-0.13	-4.15e-002	6.88e-002	-1.77	-0.83
611	147	0.10	3.84e-003	-1.34e-002	-0.19	-0.21	-0.50
	151	9.40e-002	-1.59e-002	2.04e-002	-0.38	-7.00e-002	-0.33
	152	-5.06e-002	-2.53e-002	-3.37e-002	-0.13	-0.75	-0.46
	148	-4.93e-002	-5.55e-003	-6.74e-002	-0.14	-0.31	-0.63
612	107	-1.45e-002	-0.40	3.33e-002	-3.16	-2.29	-0.60
	150	1.14e-002	-4.31e-003	6.34e-002	0.45	-5.43	0.43
	114	-3.29e-004	-5.07e-003	0.23	2.23	-1.61	3.67
	46	-2.62e-002	-0.40	0.20	-3.26	-12.56	2.64
613	106	-1.24e-002	-0.24	2.33e-003	-1.15	-1.95	-0.31
	149	-4.69e-003	-0.12	2.80e-002	-0.49	-2.46	-0.61
	150	3.77e-003	-0.12	4.29e-002	-0.16	-3.77	-0.44
	107	-3.91e-003	-0.24	1.73e-002	-2.37	-4.84	-0.15

614	105	-2.95e-003	-0.25	-2.00e-002	6.96e-003	-0.48	-0.43
	148	5.05e-003	-0.13	-6.07e-002	-0.24	-0.80	-0.72
	149	-5.19e-003	-0.13	-4.08e-002	-0.25	-2.15	-0.70
	106	-1.32e-002	-0.25	-1.22e-004	-0.79	-2.53	-0.42
615	3	-0.17	-0.42	-0.18	1.26	2.09	-0.13
	147	-0.15	-1.18e-002	-0.21	-0.71	8.91e-002	-0.16
	148	1.33e-002	-1.49e-003	-5.77e-002	-0.10	-0.27	-0.56
	105	-1.33e-002	-0.41	-3.41e-002	0.35	-1.22	-0.53
616	146	1.34e-002	-5.08e-002	-7.36e-002	-0.45	-7.10	-0.12
	107	-9.37e-003	-0.40	1.62e-002	-2.60	-2.15	0.69
	46	-2.62e-002	-0.40	-0.19	-4.24	-13.02	-2.27
	119	-3.37e-003	-5.19e-002	-0.28	2.97	-2.49	-3.08
617	145	-1.78e-003	-0.18	-2.66e-002	-0.68	-2.80	0.32
	106	-5.71e-003	-0.24	4.17e-003	-0.91	-2.10	-8.13e-002
	107	1.22e-003	-0.24	2.14e-004	-1.94	-4.88	0.12
	146	5.14e-003	-0.18	-3.06e-002	-1.03	-4.45	0.52
618	144	4.95e-003	-0.18	6.85e-002	-0.24	-0.91	7.03e-003
	105	4.87e-006	-0.25	2.89e-002	0.13	-0.56	-0.25
	106	-6.52e-003	-0.25	1.72e-003	-0.76	-2.51	-0.11
	145	-1.57e-003	-0.18	4.14e-002	-0.25	-2.37	0.14
619	143	-0.14	-5.50e-002	0.23	-0.48	0.24	-0.50
	3	-0.17	-0.42	0.16	1.28	2.10	-0.60
	105	-1.03e-002	-0.41	1.48e-002	0.28	-1.19	-0.19
	144	1.34e-002	-4.49e-002	9.01e-002	1.06e-002	-0.15	-9.21e-002
620	142	-2.25e-002	-4.51e-002	-1.52e-002	1.33	-4.68	0.39
	146	-2.30e-002	-5.32e-002	-8.36e-002	1.37e-002	-6.19	-0.31
	119	-3.37e-003	-5.19e-002	-7.16e-002	-0.25	-1.69	-0.86
	118	-2.85e-003	-4.38e-002	-3.24e-003	0.18	-2.16	-0.17
621	141	-2.18e-002	-0.10	-1.28e-003	0.16	-3.23	-0.13
	145	-2.70e-002	-0.18	-2.85e-002	-0.16	-3.26	0.44
	146	-3.13e-002	-0.18	-4.06e-002	0.74	-3.92	0.58
	142	-2.61e-002	-0.10	-1.33e-002	0.70	-4.17	1.02e-002
622	140	-4.19e-002	-7.82e-002	3.69e-002	-0.45	-1.01	-0.17
	144	-4.85e-002	-0.18	7.60e-002	-0.40	-1.14	0.13
	145	-2.68e-002	-0.18	3.94e-002	-0.24	-2.22	0.21
	141	-2.03e-002	-7.68e-002	3.26e-004	9.22e-003	-2.49	-7.85e-002
623	139	0.14	-2.51e-002	-2.58e-002	-0.52	0.13	-0.11
	143	0.14	-3.70e-002	3.44e-002	-0.34	-4.50e-002	-7.88e-002
	144	-4.00e-002	-4.84e-002	0.10	-0.29	-0.16	-2.92e-002
	140	-3.92e-002	-3.65e-002	3.73e-002	-0.54	-0.45	-5.74e-002
624	138	-1.71e-002	-5.78e-002	0.11	-0.10	-6.72	0.25
	142	-1.62e-002	-4.47e-002	1.70e-002	1.40	-4.77	-0.45
	118	-2.85e-003	-4.38e-002	5.72e-003	0.33	-2.19	0.42
	117	-3.70e-003	-5.69e-002	0.10	-0.44	-1.85	1.12
625	137	-2.13e-002	-0.20	4.06e-002	-0.31	-3.31	-0.85
	141	-1.50e-002	-0.10	3.37e-003	0.19	-3.25	-0.24
	142	-1.98e-002	-0.10	1.89e-002	0.65	-4.22	-0.24
	138	-2.61e-002	-0.20	5.60e-002	0.75	-4.19	-0.84
626	136	-4.84e-002	-0.19	-7.94e-002	-0.48	-1.02	-0.47
	140	-4.11e-002	-7.82e-002	-3.55e-002	-0.45	-0.98	-0.19
	141	-1.35e-002	-7.64e-002	4.98e-003	-4.67e-002	-2.50	-0.33
	137	-2.07e-002	-0.19	-3.89e-002	-0.30	-2.25	-0.61
627	135	0.14	-3.98e-002	-3.74e-002	-0.32	8.34e-003	-4.74e-002
	139	0.14	-2.50e-002	3.12e-002	-0.49	0.17	-5.67e-002
	140	-3.84e-002	-3.64e-002	-3.50e-002	-0.58	-0.43	-0.24
	136	-3.94e-002	-5.13e-002	-0.10	-0.29	6.98e-002	-0.23
628	110	-6.27e-003	-0.44	-2.94e-002	-3.26	-2.91	-0.98

	138	1.88e-002	-5.55e-002	0.10	-0.47	-7.89	1.43e-002
	117	-3.70e-003	-5.69e-002	0.33	3.35	-2.77	3.50
	47	-2.88e-002	-0.44	0.20	-4.82	-14.34	2.51
629	109	5.97e-004	-0.26	-6.01e-003	-1.25	-2.16	-0.22
	137	5.08e-003	-0.20	3.87e-002	-0.85	-2.84	-0.67
	138	9.76e-003	-0.19	4.32e-002	-1.31	-4.84	-0.86
	110	5.27e-003	-0.26	-1.52e-003	-2.34	-5.29	-0.41
630	108	-2.52e-004	-0.27	-3.40e-002	0.13	-0.39	3.08e-002
	136	5.27e-003	-0.19	-7.69e-002	-0.24	-0.72	-0.35
	137	5.66e-003	-0.19	-4.08e-002	-0.40	-2.44	-0.52
	109	1.44e-004	-0.27	2.17e-003	-0.98	-2.49	-0.14
631	4	-0.17	-0.44	-0.16	1.38	2.77	0.60
	135	-0.14	-5.80e-002	-0.24	-0.48	0.39	0.51
	136	1.43e-002	-4.78e-002	-0.10	-4.10e-002	0.16	-0.17
	108	-1.05e-002	-0.43	-1.70e-002	0.43	-0.93	-7.47e-002
632	134	1.60e-002	2.16e-002	-4.39e-002	1.72	-4.61	-0.54
	110	-1.41e-002	-0.44	-5.14e-002	-4.12	-3.33	0.56
	47	-2.88e-002	-0.44	-0.21	-2.92	-13.45	-2.93
	122	1.34e-003	2.07e-002	-0.20	1.82	-1.53	-4.03
633	133	8.05e-003	-9.39e-002	-2.50e-002	-0.20	-2.59	0.43
	109	-3.03e-003	-0.26	-5.91e-003	-1.47	-1.84	0.21
	110	-2.60e-003	-0.26	-2.34e-002	-3.38	-5.42	-6.97e-002
	134	8.48e-003	-9.39e-002	-4.25e-002	1.07	-3.49	0.15
634	132	1.70e-004	-0.10	4.45e-002	-0.48	-0.62	0.65
	108	-1.08e-002	-0.27	1.08e-002	0.11	-0.21	0.34
	109	-3.48e-003	-0.27	2.27e-003	-0.97	-2.61	0.32
	133	7.47e-003	-0.10	3.60e-002	-0.16	-2.13	0.64
635	131	-0.12	1.97e-002	0.20	-1.01	0.13	-0.10
	4	-0.15	-0.44	0.20	1.37	2.80	-0.12
	108	-2.11e-002	-0.43	2.77e-002	0.55	-1.00	0.48
	132	8.72e-003	2.83e-002	2.75e-002	-0.48	-0.24	0.49
636	130	-5.19e-002	-5.64e-003	-2.61e-003	0.61	-1.62	-0.28
	134	-5.04e-002	1.73e-002	-3.28e-002	0.65	-2.92	-1.13
	122	1.34e-003	2.07e-002	-5.17e-002	-0.13	-0.80	-1.73
	121	-1.48e-004	-2.27e-003	-2.14e-002	0.25	-0.38	-0.88
637	129	-6.75e-002	7.04e-003	4.37e-003	0.76	-1.80	0.15
	133	-7.44e-002	-0.10	-2.39e-002	2.53e-002	-2.58	0.50
	134	-5.79e-002	-0.10	-3.15e-002	0.68	-2.86	-0.12
	130	-5.10e-002	8.11e-003	-3.17e-003	0.64	-1.83	-0.47
638	128	-4.49e-002	1.84e-002	1.32e-002	0.20	-0.92	0.20
	132	-5.31e-002	-0.11	4.61e-002	-0.28	-1.06	0.68
	133	-7.50e-002	-0.11	3.70e-002	0.13	-1.61	0.64
	129	-6.69e-002	1.70e-002	4.15e-003	0.48	-1.57	0.16
639	127	6.79e-002	-6.11e-003	-9.45e-003	-0.38	-0.11	0.19
	131	7.04e-002	3.23e-002	5.08e-003	-3.61e-002	-0.17	0.37
	132	-4.45e-002	2.48e-002	2.91e-002	-0.22	-0.33	0.46
	128	-4.70e-002	-1.36e-002	1.46e-002	3.04e-002	-0.65	0.28
640	126	-7.90e-002	5.61e-003	-3.56e-002	0.60	-1.79	0.23
	130	-7.99e-002	-7.45e-003	-3.39e-003	0.56	-1.48	-0.52
	121	-1.48e-004	-2.27e-003	-1.43e-003	0.11	-0.26	-0.37
	120	7.01e-004	1.08e-002	-3.37e-002	2.23e-002	-0.37	0.38
641	125	-0.10	-7.75e-002	3.39e-003	0.40	-1.66	-0.38
	129	-9.30e-002	5.38e-003	-3.78e-003	0.58	-1.59	-0.20
	130	-7.90e-002	6.29e-003	-3.95e-003	0.57	-1.70	-0.14
	126	-8.43e-002	-7.66e-002	3.22e-003	0.69	-1.79	-0.33
642	124	-5.13e-002	-0.11	-1.02e-002	0.11	-0.83	-0.35
	128	-4.30e-002	1.85e-002	9.58e-003	0.13	-0.86	7.12e-002

129	-9.24e-002	1.53e-002	-4.00e-003	0.44	-1.54	-3.14e-002
125	-0.10	-0.11	-2.37e-002	0.39	-1.29	-0.45
643	123	0.10	3.78e-002	2.56e-004	3.41e-002	-0.14
	127	0.10	-4.20e-003	9.89e-003	-0.28	-0.12
	128	-4.51e-002	-1.35e-002	1.10e-002	3.60e-002	-0.64
	124	-4.24e-002	2.85e-002	1.37e-003	6.58e-002	-0.44
644	113	-7.09e-002	-0.50	0.14	-0.99	-2.39
	126	-3.82e-002	8.26e-003	2.78e-003	0.96	-2.52
	120	7.01e-004	1.08e-002	5.70e-002	0.96	-0.81
	48	-3.20e-002	-0.49	0.20	-1.29	-6.46
645	112	-5.37e-002	-0.37	1.07e-002	-0.11	-1.36
	125	-3.47e-002	-7.34e-002	-6.80e-003	0.33	-1.62
	126	-4.35e-002	-7.39e-002	4.16e-002	0.64	-2.02
	113	-6.25e-002	-0.37	5.92e-002	-0.48	-2.96
646	111	-2.44e-002	-0.35	8.92e-003	0.15	-0.35
	124	-8.29e-003	-0.11	7.06e-003	0.11	-0.60
	125	-3.69e-002	-0.11	-3.39e-002	0.28	-1.43
	112	-5.31e-002	-0.36	-3.21e-002	3.72e-002	-1.50
647	5	-6.90e-002	-0.42	-0.22	0.86	1.24
	123	-3.96e-002	2.87e-002	-0.22	-0.47	1.65e-002
	124	6.13e-004	3.13e-002	1.86e-002	4.81e-002	-0.36
	111	-2.88e-002	-0.42	1.59e-002	0.32	-0.54

SFORZI "Accidentale sottotetto" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	-8.83	0.93	4.70	299.98	-1076.07	146.50
	509	8.83	-0.93	-4.70	-299.98	-919.65	250.69
2	255	192.45	-18.59	11.06	-43.15	-1627.11	-3043.78
	196	-192.45	18.59	-11.06	43.15	-1887.41	-2866.46
3	487	218.48	-21.58	-0.38	-399.35	30.91	-4997.25
	509	-218.48	21.58	0.38	399.35	176.29	-6819.55
4	509	-1.33	5.80	7.90	914.88	-305.45	1700.51
	495	1.33	-5.80	-7.90	-914.88	-643.08	-1004.45
5	195	22.50	-217.33	16.15	124.83	-2077.49	-24036.30
	509	-22.50	217.33	-16.15	-124.83	-344.86	-8562.51
6	403	308.63	7.50	2.46	-54.51	-85.61	-168.46
	413	-308.63	-7.50	-2.46	54.51	-0.43	430.79
7	393	741.96	13.94	3.50	-77.03	-220.20	165.08
	403	-741.96	-13.94	-3.50	77.03	97.74	322.79
8	190	1757.25	9.00	5.17	-85.32	-427.12	-704.30
	393	-1757.25	-9.00	-5.17	85.32	246.29	1019.31
9	353	279.15	6.71	38.94	525.25	954.37	-507.88
	363	-279.15	-6.71	-38.94	-525.25	-2317.42	742.68
10	343	718.63	-8.31	33.66	396.25	-1145.62	-255.76
	353	-718.63	8.31	-33.66	-396.25	-32.64	-35.26
11	187	1736.28	-7.38	44.41	367.78	-3640.52	937.95
	343	-1736.28	7.38	-44.41	-367.78	2086.05	-1196.34
12	323	315.18	7.06	2.59	6.68	-87.90	-115.33
	333	-315.18	-7.06	-2.59	-6.68	-2.58	362.54
13	313	759.54	10.42	3.57	7.07	-220.29	250.97
	323	-759.54	-10.42	-3.57	-7.07	95.37	113.82
14	181	1811.38	7.08	5.20	6.33	-424.16	-567.98

	313	-1811.38	-7.08	-5.20	-6.33	242.02	815.70
15	277	165.06	0.80	23.67	310.23	447.02	-17.39
	283	-165.06	-0.80	-23.67	-310.23	-1275.34	45.29
16	271	469.19	17.75	20.35	315.73	-849.18	-91.74
	277	-469.19	-17.75	-20.35	-315.73	136.97	712.92
17	176	1176.84	2.50	27.76	315.42	-2412.50	-1743.93
	271	-1176.84	-2.50	-27.76	-315.42	1440.93	1831.56
18	272	-46.72	-42.35	-2.78	-351.50	-524.21	777.05
	278	46.72	42.35	2.78	351.50	621.52	-2259.31
19	266	-126.83	-257.21	-0.50	-160.93	-393.68	-7631.48
	272	126.83	257.21	0.50	160.93	411.28	-1370.85
20	175	-28.16	-647.27	0.63	-70.72	-323.54	-35860.49
	266	28.16	647.27	-0.63	70.72	301.36	13206.12
21	508	-211.69	-0.53	5.78	674.81	-827.70	334.06
	278	211.69	0.53	-5.78	-674.81	-904.93	-492.18
22	506	17.96	-24.47	-2.30	-194.70	514.81	-6864.39
	500	-17.96	24.47	2.30	194.70	436.80	-3271.35
23	167	123.08	20.13	5.39	-500.71	-647.30	2435.60
	506	-123.08	-20.13	-5.39	500.71	-913.93	3396.05
24	507	-23.86	-33.69	-2.48	33.92	287.68	-4939.16
	508	23.86	33.69	2.48	-33.92	456.52	-5167.15
25	506	193.59	-3.67	1.19	114.87	-238.19	-578.06
	507	-193.59	3.67	-1.19	-114.87	-272.34	-998.69
26	505	188.68	-18.63	-1.93	-155.43	337.08	-4726.23
	506	-188.68	18.63	1.93	155.43	417.13	-2539.27
27	504	364.11	4.73	0.82	26.60	-158.57	1726.43
	505	-364.11	-4.73	-0.82	-26.60	-195.55	309.53
28	504	6.07	-8.63	-2.53	-514.30	885.59	-2271.48
	498	-6.07	8.63	2.53	514.30	163.33	-1304.63
29	161	49.17	5.27	2.18	-1892.01	564.10	723.95
	504	-49.17	-5.27	-2.18	1892.01	-1195.79	802.67
30	499	78.53	-13.68	0.85	-61.97	-133.74	-1619.92
	498	-78.53	13.68	-0.85	61.97	-231.59	-4263.22
31	500	65.10	4.39	-0.85	246.03	198.25	-56.81
	499	-65.10	-4.39	0.85	-246.03	131.94	1767.60
32	501	78.24	0.16	2.09	338.92	-145.61	283.81
	500	-78.24	-0.16	-2.09	-338.92	-755.01	-213.96
33	502	50.32	15.05	4.14	642.49	-531.44	2355.69
	501	-50.32	-15.05	-4.14	-642.49	-710.59	2157.85
34	503	33.23	-7.75	7.97	10.20	-1907.43	-1257.22
	502	-33.23	7.75	-7.97	-10.20	-484.25	-1068.67
35	496	41.26	0.58	-8.05	-812.76	1946.34	-156.05
	503	-41.26	-0.58	8.05	812.76	2158.78	449.83
36	160	-23.50	34.09	-368.83	20.18	35628.12	2083.60
	504	23.50	-34.09	368.83	-20.18	3098.74	1495.41
37	163	-23.36	2.76	175.43	141.53	-14003.75	471.55
	505	23.36	-2.76	-175.43	-141.53	-4416.70	-182.02
38	166	-63.70	78.07	-12.60	-96.70	4025.61	4459.06
	506	63.70	-78.07	12.60	96.70	-2703.06	3738.64
39	169	-30.02	3.67	217.45	15.34	-16894.90	466.08
	507	30.02	-3.67	-217.45	-15.34	-5937.85	-80.95

40	172	33.16	-8.26	187.82	-371.18	-14888.31	-1507.78
	508	-33.16	8.26	-187.82	371.18	-4833.09	640.89
41	159	19.18	8.16	-76.00	123.07	15850.23	960.77
	498	-19.18	-8.16	76.00	-123.07	4669.91	1242.65
42	162	-18.07	1.70	13.43	-1.80	-3478.99	149.98
	499	18.07	-1.70	-13.43	1.80	-147.68	308.00
43	165	19.51	23.28	-10.84	-78.55	2650.77	2921.37
	500	-19.51	-23.28	10.84	78.55	275.39	3364.24
44	168	-14.88	-2.05	27.91	-856.20	-5094.07	-855.90
	501	14.88	2.05	-27.91	856.20	-2441.66	303.57
45	171	22.80	-3.83	17.10	-1015.69	-3329.86	-402.39
	502	-22.80	3.83	-17.10	1015.69	-1287.02	-632.29
46	174	-8.33	16.02	-8.03	251.36	1361.67	5148.77
	503	8.33	-16.02	8.03	-251.36	807.39	-822.97
47	177	22.66	53.03	4.80	572.90	-281.13	10076.61
	496	-22.66	-53.03	-4.80	-572.90	-1014.18	4241.74
48	178	9.29e-002	-23.50	1.68	-81.78	46.06	-4874.24
	497	-9.29e-002	23.50	-1.68	81.78	-498.66	-1470.38
49	278	-44.71	-7.68	0.77	-262.34	4.77	-3039.99
	496	44.71	7.68	-0.77	262.34	-508.21	-2009.33
50	497	85.17	-3.41	2.85	-213.04	-134.65	625.47
	496	-85.17	3.41	-2.85	213.04	-947.40	-1922.48
51	478	61.67	-3.51	1.17	285.62	-369.10	-1791.56
	497	-61.67	3.51	-1.17	-285.62	52.87	844.91
52	173	237.95	28.42	-1.34	-210.62	283.11	6810.81
	278	-237.95	-28.42	1.34	210.62	277.79	5039.64
53	283	6.99	-11.45	-3.26	-542.75	1105.92	-3843.24
	478	-6.99	11.45	3.26	542.75	643.12	-2292.33
54	173	77.44	16.44	3.10	274.57	-475.75	3232.89
	283	-77.44	-16.44	-3.10	-274.57	-508.24	1991.60
55	483	252.85	-14.62	-1.63	-148.91	417.11	555.90
	484	-252.85	14.62	1.63	148.91	880.51	-12216.57
56	482	93.40	7.12	1.11	343.61	-189.18	-2155.93
	483	-93.40	-7.12	-1.11	-343.61	-421.13	6073.43
57	481	132.07	1.38	2.06e-003	30.31	-54.03	1194.23
	482	-132.07	-1.38	-2.06e-003	-30.31	52.77	-351.59
58	480	97.45	3.09	-0.43	-199.21	179.75	90.07
	481	-97.45	-3.09	0.43	199.21	55.71	1607.42
59	479	134.53	-6.77	-0.39	231.99	79.11	-1808.61
	480	-134.53	6.77	0.39	-231.99	169.88	-2527.26
60	478	115.91	9.80	0.62	-156.25	-250.14	2324.47
	479	-115.91	-9.80	-0.62	156.25	-98.90	3161.83
61	363	11.11	-14.94	2.73	322.84	-1048.91	-5002.79
	480	-11.11	14.94	-2.73	-322.84	-413.25	-3003.88
62	186	109.07	11.70	-13.20	-2029.95	3117.18	2000.48
	363	-109.07	-11.70	13.20	2029.95	1079.75	1718.60
63	473	7.81	-7.46	7.59	2828.19	-3137.94	-2479.29
	484	-7.81	7.46	-7.59	-2828.19	-624.38	-1218.38
64	255	-8.08	-30.65	-2.66	-856.27	1207.43	-9258.27
	483	8.08	30.65	2.66	856.27	168.90	-6591.03
65	492	-6.90	14.58	17.06	-567.53	-2819.28	2106.69

	489	6.90	-14.58	-17.06	567.53	-2297.67	2267.67
66	494	38.85	13.67	-3.87	-610.94	1035.18	2790.46
	492	-38.85	-13.67	3.87	610.94	1073.64	4658.42
67	492	-5.19	2.36	-9.97	-537.24	2313.32	600.30
	495	5.19	-2.36	9.97	537.24	1648.11	339.43
68	491	110.87	6.56	0.80	270.75	-136.33	4595.41
	492	-110.87	-6.56	-0.80	-270.75	-505.54	667.76
69	490	9.85	-6.73	0.60	1117.56	-4.87	-763.96
	491	-9.85	6.73	-0.60	-1117.56	-172.48	-1237.04
70	489	243.44	-12.60	-0.38	110.02	49.84	-1618.05
	490	-243.44	12.60	0.38	-110.02	253.62	-8462.39
71	488	69.07	37.45	-7.98	-626.32	2173.40	8225.29
	489	-69.07	-37.45	7.98	626.32	2176.23	12187.64
72	494	-1.29	-10.56	18.38	255.61	-3043.30	-1686.28
	488	1.29	10.56	-18.38	-255.61	-2469.92	-1481.91
73	493	-1.32	2.45	-8.83	126.87	1411.49	283.60
	494	1.32	-2.45	8.83	-126.87	2096.51	689.08
74	493	4.20	-1.04	2.78	-300.27	-789.48	-97.77
	495	-4.20	1.04	-2.78	300.27	-733.23	-469.36
75	473	5.87	-242.76	9.47	248.75	-2426.69	-30468.77
	490	-5.87	242.76	-9.47	-248.75	864.56	-9586.32
76	382	519.14	318.94	-0.25	-1493.26	7.32	-14895.94
	473	-519.14	-318.94	0.25	1493.26	1.32	26058.73
77	293	830.68	181.80	-0.83	-1354.60	-46.68	-3008.85
	382	-830.68	-181.80	0.83	1354.60	75.61	9371.78
78	200	1290.09	93.45	-0.49	-1309.05	-97.59	4397.52
	293	-1290.09	-93.45	0.49	1309.05	114.89	-1126.74
79	255	-64.64	191.42	-14.51	-71.60	862.19	20447.58
	489	64.64	-191.42	14.51	71.60	1531.33	11137.12
80	245	275.57	-173.46	83.18	-443.08	2267.60	7065.19
	255	-275.57	173.46	-83.18	443.08	-5179.03	-13136.37
81	235	858.90	-89.72	70.89	-334.94	-1871.01	-191.65
	245	-858.90	89.72	-70.89	334.94	-610.26	-2948.53
82	197	2101.12	-58.83	90.01	-294.17	-6708.19	-2539.43
	235	-2101.12	58.83	-90.01	294.17	3557.85	480.32
83	443	48.02	87.45	6.69	-296.52	-248.70	6459.32
	488	-48.02	-87.45	-6.69	296.52	-855.60	7969.68
84	433	301.68	-59.34	2.56	-68.32	-337.01	2503.72
	443	-301.68	59.34	-2.56	68.32	247.36	-4580.69
85	423	693.31	-60.40	4.90	19.77	-596.17	-384.77
	433	-693.31	60.40	-4.90	-19.77	424.74	-1729.05
86	193	1635.27	-61.02	9.13	51.54	-1023.11	-1040.96
	423	-1635.27	61.02	-9.13	-51.54	703.49	-1094.64
87	201	13.28	-111.54	-8.70	-308.81	846.60	-26627.40
	491	-13.28	111.54	8.70	308.81	1502.82	-3489.11
88	196	-3.28	44.96	-3.23	62.14	246.96	8174.56
	492	3.28	-44.96	3.23	-62.14	626.01	3964.97
89	192	0.66	11.65	3.84	88.38	-650.38	225.07
	494	-0.66	-11.65	-3.84	-88.38	-386.25	2919.20
90	487	1.41	13.02	-1.46	622.01	-408.33	1533.61
	493	-1.41	-13.02	1.46	-622.01	583.88	29.10

91	185	-25.00	-29.88	-0.71	428.52	-567.79	-1704.78
	487	25.00	29.88	0.71	-428.52	673.91	-2776.77
92	486	261.38	4.83	0.38	-133.77	-5.58	-810.80
	487	-261.38	-4.83	-0.38	133.77	-224.40	3754.10
93	485	222.08	20.73	7.45e-002	233.43	34.25	7043.59
	486	-222.08	-20.73	-7.45e-002	-233.43	-75.21	4358.68
94	186	-13.47	0.56	2.75	1182.65	-1249.84	110.62
	485	13.47	-0.56	-2.75	-1182.65	75.30	127.69
95	183	24.94	219.32	11.72	-310.50	-1429.43	24720.32
	485	-24.94	-219.32	-11.72	310.50	-329.10	8178.37
96	184	-15.91	39.31	0.71	-80.79	-493.04	2349.47
	486	15.91	-39.31	-0.71	80.79	387.01	3546.78
97	179	15.03	50.97	10.72	159.73	-1044.62	9327.93
	478	-15.03	-50.97	-10.72	-159.73	-1850.46	4434.46
98	182	-16.57	18.62	1.01	-19.79	114.91	3673.95
	479	16.57	-18.62	-1.01	19.79	-388.24	1353.21
99	188	20.65	-34.35	15.65	-142.93	-1652.27	-6657.31
	480	-20.65	34.35	-15.65	142.93	-2573.08	-2616.24
100	191	-1.70	34.62	-0.87	1.68	472.58	6545.52
	481	1.70	-34.62	0.87	-1.68	-236.83	2800.73
101	194	5.74	-38.68	1.86	-136.41	-258.68	-7925.87
	482	-5.74	38.68	-1.86	136.41	-244.56	-2517.35
102	198	9.89	156.63	8.99	429.30	3886.60	34959.19
	483	-9.89	-156.63	-8.99	-429.30	-6314.95	7331.49
103	199	19.05	-245.17	1.13	-649.53	703.38	-51513.82
	484	-19.05	245.17	-1.13	649.53	-1009.54	-14681.55
179	472	-224.18	-11.36	-0.90	12.33	-22.99	-101.73
	473	224.18	11.36	0.90	-12.33	70.81	-504.10
180	467	137.98	0.77	-0.30	7.03	-9.82	-16.28
	472	-137.98	-0.77	0.30	-7.03	25.91	57.38
181	466	335.76	0.40	-0.10	5.51	-3.71	-20.05
	467	-335.76	-0.40	0.10	-5.51	9.07	41.18
182	471	5.33e-015	143.37	3.55e-015	13.35	5.68e-014	1074.50
	200	-5.33e-015	167.65	-3.55e-015	-13.35	2.27e-013	-1766.18
183	470	1.78e-015	150.41	3.55e-015	7.49	1.14e-013	1195.06
	471	-1.78e-015	160.60	-3.55e-015	-7.49	3.41e-013	-1511.01
184	229	5.33e-015	150.73	5.33e-015	5.45	-1.14e-013	1208.01
	470	-5.33e-015	160.28	-5.33e-015	-5.45	1.14e-013	-1506.86
185	469	5.33e-015	151.99	1.78e-015	4.77	1.14e-013	1224.59
	229	-5.33e-015	159.02	-1.78e-015	-4.77	-1.71e-013	-1456.24
186	468	-5.33e-015	153.42	-3.55e-015	4.57	2.27e-013	1257.96
	469	5.33e-015	157.59	3.55e-015	-4.57	0.00	-1413.59
187	228	-1.78e-015	154.84	0.00	4.50	5.68e-014	1290.08
	468	1.78e-015	156.17	0.00	-4.50	-1.71e-013	-1369.77
188	465	465.22	0.33	-3.67e-002	4.91	-1.35	-42.19
	466	-465.22	-0.33	3.67e-002	-4.91	3.31	59.63
189	464	558.26	0.16	-1.38e-002	4.65	-0.48	-48.81
	465	-558.26	-0.16	1.38e-002	-4.65	1.22	57.26
190	459	616.62	0.10	-5.15e-003	4.54	-0.17	-56.63
	464	-616.62	-0.10	5.15e-003	-4.54	0.44	62.18
191	458	639.91	1.29e-002	-1.80e-003	4.50	-6.79e-002	-60.26

	459	-639.91	-1.29e-002	1.80e-003	-4.50	0.16	60.95
192	457	628.09	-6.60e-002	-4.13e-004	4.48	-4.72e-002	-61.72
	458	-628.09	6.60e-002	4.13e-004	-4.48	6.93e-002	58.20
193	456	581.20	-0.15	3.99e-004	4.47	-7.63e-002	-59.85
	457	-581.20	0.15	-3.99e-004	-4.47	5.50e-002	52.06
194	463	7.11e-015	156.26	1.78e-015	4.48	5.68e-014	1326.45
	228	-7.11e-015	154.76	-1.78e-015	-4.48	2.27e-013	-1330.67
195	462	-3.55e-015	157.68	0.00	4.48	2.27e-013	1365.00
	463	3.55e-015	153.34	0.00	-4.48	3.98e-013	-1293.51
196	227	5.33e-015	159.10	5.33e-015	4.47	0.00	1406.89
	462	-5.33e-015	151.91	-5.33e-015	-4.47	1.71e-013	-1259.60
197	461	3.55e-015	160.51	-1.78e-015	4.44	1.71e-013	1450.44
	227	-3.55e-015	150.50	1.78e-015	-4.44	-1.14e-013	-1227.87
198	460	-3.55e-015	161.95	0.00	4.37	5.68e-014	1499.56
	461	3.55e-015	149.07	0.00	-4.37	2.84e-013	-1200.50
199	226	5.33e-015	163.33	1.78e-015	4.13	5.68e-014	1544.73
	460	-5.33e-015	147.68	-1.78e-015	-4.13	2.27e-013	-1171.57
200	453	499.20	-0.23	1.29e-003	4.47	-0.17	-56.29
	456	-499.20	0.23	-1.29e-003	-4.47	0.10	43.79
201	452	382.10	-0.30	2.78e-003	4.47	-0.39	-47.21
	453	-382.10	0.30	-2.78e-003	-4.47	0.24	31.22
202	451	230.32	-0.43	7.33e-003	4.54	-0.95	-42.97
	452	-230.32	0.43	-7.33e-003	-4.54	0.56	20.30
203	450	41.42	-0.59	3.68e-002	4.76	-2.90	-24.28
	451	-41.42	0.59	-3.68e-002	-4.76	0.93	-7.01
204	449	-210.80	-0.70	0.21	3.94	-11.83	-21.07
	450	210.80	0.70	-0.21	-3.94	0.56	-16.07
205	255	-576.53	8.18	-0.12	-18.22	12.49	396.83
	449	576.53	-8.18	0.12	18.22	-6.18	39.62
206	455	5.33e-015	164.68	-3.55e-015	3.33	-2.27e-013	1605.64
	226	-5.33e-015	146.33	3.55e-015	-3.33	0.00	-1160.47
207	454	3.55e-015	165.15	-7.11e-015	7.51e-002	3.98e-013	1612.16
	455	-3.55e-015	145.87	7.11e-015	-7.51e-002	1.14e-013	-1142.28
208	197	3.55e-015	157.57	-1.78e-015	-26.53	1.71e-013	1910.73
	454	-3.55e-015	136.54	1.78e-015	26.53	-1.14e-013	-981.22
209	254	-394.47	2.67	-0.76	22.33	-13.39	94.74
	255	394.47	-2.67	0.76	-22.33	54.85	50.85
210	253	-234.16	0.16	-0.50	-4.82	-9.01	17.07
	254	234.16	-0.16	0.50	4.82	36.51	-8.41
211	252	-90.57	0.39	-0.13	-6.97	-4.11	7.09
	253	90.57	-0.39	0.13	6.97	11.32	14.15
212	251	2.91	0.15	-4.22e-002	-7.31	-1.61	-7.13
	252	-2.91	-0.15	4.22e-002	7.31	3.91	15.12
213	250	55.72	8.55e-002	-1.82e-002	-7.45	-0.41	-12.41
	251	-55.72	-8.55e-002	1.82e-002	7.45	1.40	17.07
214	249	70.95	-3.54e-003	-1.49e-002	-7.46	0.44	-15.58
	250	-70.95	3.54e-003	1.49e-002	7.46	0.37	15.39
215	248	48.71	-0.10	-2.88e-002	-7.26	1.92	-18.70
	249	-48.71	0.10	2.88e-002	7.26	-0.36	13.05
216	247	-13.08	-0.28	-7.51e-002	-6.59	5.81	-15.22
	248	13.08	0.28	7.51e-002	6.59	-1.72	-0.28

217	246	-130.53	-0.29	-0.18	-4.77	15.76	-10.43
	247	130.53	0.29	0.18	4.77	-5.82	-5.48
218	443	-318.69	2.97	-0.30	-0.65	35.10	165.70
	246	318.69	-2.97	0.30	0.65	-18.89	-3.80
219	448	-1.78e-015	150.79	-7.11e-015	30.60	0.00	1171.56
	197	1.78e-015	176.24	7.11e-015	-30.60	0.00	-1901.88
220	225	-1.78e-015	158.93	3.55e-015	-0.78	-1.14e-013	1346.11
	448	1.78e-015	168.10	-3.55e-015	0.78	-1.14e-013	-1632.66
221	447	-1.78e-015	160.17	0.00	-5.69	-1.71e-013	1385.13
	225	1.78e-015	166.86	0.00	5.69	-1.71e-013	-1604.12
222	224	-7.11e-015	161.63	-7.11e-015	-7.06	2.27e-013	1410.06
	447	7.11e-015	165.40	7.11e-015	7.06	2.27e-013	-1549.66
223	446	0.00	163.00	-5.33e-015	-7.47	1.14e-013	1445.71
	224	0.00	164.03	5.33e-015	7.47	1.14e-013	-1510.69
224	223	-1.78e-015	164.47	-5.33e-015	-7.60	-1.42e-013	1484.49
	446	1.78e-015	162.56	5.33e-015	7.60	-1.14e-013	-1469.40
225	445	-5.33e-015	165.87	1.78e-015	-7.64	3.41e-013	1522.40
	223	5.33e-015	161.16	-1.78e-015	7.64	3.41e-013	-1430.75
226	222	0.00	167.27	1.78e-015	-7.62	1.99e-013	1571.67
	445	0.00	159.76	-1.78e-015	7.62	-2.27e-013	-1403.66
227	444	0.00	168.27	-1.78e-015	-7.47	1.14e-013	1592.92
	222	0.00	158.76	1.78e-015	7.47	1.14e-013	-1370.68
228	193	0.00	175.42	-5.33e-015	-7.68	5.68e-014	1834.47
	444	0.00	151.61	5.33e-015	7.68	2.84e-014	-1222.35
289	383	3.55e-015	173.82	-1.78e-015	3.78	2.84e-014	1590.92
	193	-3.55e-015	192.22	1.78e-015	-3.78	0.00	-2198.36
290	221	3.55e-015	179.57	-1.78e-015	-0.57	-2.84e-014	1723.78
	383	-3.55e-015	186.46	1.78e-015	0.57	-8.53e-014	-1980.13
291	442	-223.08	2.71e-002	-0.37	-3.05	3.91	41.25
	443	223.08	-2.71e-002	0.37	3.05	18.66	-39.59
292	441	-20.09	0.31	-5.41e-002	-2.94	-0.89	-0.34
	442	20.09	-0.31	5.41e-002	2.94	4.19	19.27
293	440	126.29	0.38	-3.06e-003	-2.40	-0.71	-8.09
	441	-126.29	-0.38	3.06e-003	2.40	0.90	31.08
294	439	212.81	0.15	-7.83e-004	-2.23	-0.27	-24.04
	440	-212.81	-0.15	7.83e-004	2.23	0.32	33.02
295	380	0.00	180.81	3.55e-015	-1.71	-1.14e-013	1761.54
	221	0.00	185.23	-3.55e-015	1.71	5.68e-014	-1942.58
296	220	1.78e-015	182.18	0.00	-2.07	2.84e-014	1790.76
	380	-1.78e-015	183.86	0.00	2.07	0.00	-1887.95
297	379	1.78e-015	183.48	8.88e-016	-2.18	-2.84e-014	1829.23
	220	-1.78e-015	182.55	-8.88e-016	2.18	-5.68e-014	-1846.96
298	219	3.55e-015	184.84	0.00	-2.20	-7.11e-014	1871.46
	379	-3.55e-015	181.19	0.00	2.20	-1.14e-013	-1806.36
299	438	250.97	2.97e-002	-1.58e-003	-2.20	-3.78e-002	-29.26
	439	-250.97	-2.97e-002	1.58e-003	2.20	0.13	31.07
300	437	242.23	-6.44e-002	-3.33e-003	-2.18	0.17	-31.26
	438	-242.23	6.44e-002	3.33e-003	2.18	3.36e-002	27.33
301	436	186.72	-0.19	-9.24e-003	-2.12	0.64	-32.63
	437	-186.72	0.19	9.24e-003	2.12	-7.43e-002	21.09
302	435	82.99	-0.43	-2.63e-002	-1.90	1.99	-28.66

	436	-82.99	0.43	2.63e-002	1.90	-0.39	2.46
303	376	3.55e-015	186.15	0.00	-2.21	-1.42e-013	1913.69
	219	-3.55e-015	179.89	0.00	2.21	5.68e-014	-1768.79
304	218	-3.55e-015	187.51	0.00	-2.19	5.68e-014	1969.91
	376	3.55e-015	178.52	0.00	2.19	2.84e-014	-1741.91
305	375	1.78e-015	188.68	1.33e-015	-2.08	-5.68e-014	2005.72
	218	-1.78e-015	177.36	-1.33e-015	2.08	-9.95e-014	-1706.57
306	190	1.78e-015	194.89	1.33e-015	-2.05	-1.14e-013	2245.51
	375	-1.78e-015	171.15	-1.33e-015	2.05	7.11e-014	-1567.44
307	434	-83.13	-0.36	-6.35e-002	-1.26	5.60	-17.08
	435	83.13	0.36	6.35e-002	1.26	-1.73	-5.15
308	413	-322.79	1.47	-0.11	-3.09e-002	13.86	113.51
	434	322.79	-1.47	0.11	3.09e-002	-7.10	-23.91
309	412	-345.13	-1.71	0.28	2.74	12.17	25.56
	413	345.13	1.71	-0.28	-2.74	-27.80	-119.88
310	411	-150.60	0.29	0.12	4.93	4.14	8.22
	412	150.60	-0.29	-0.12	-4.93	-11.00	7.65
311	372	0.00	154.16	-4.88e-015	4.80	-8.53e-014	1239.34
	190	0.00	175.87	4.88e-015	-4.80	9.95e-014	-1873.94
312	217	-5.33e-015	161.23	4.88e-015	5.83	8.53e-014	1387.79
	372	5.33e-015	168.80	-4.88e-015	-5.83	7.11e-014	-1633.49
313	371	-5.33e-015	162.28	-4.44e-015	6.30	-7.11e-014	1421.43
	217	5.33e-015	167.75	4.44e-015	-6.30	-8.53e-014	-1609.53
314	216	1.78e-015	163.68	8.88e-016	6.44	0.00	1447.37
	371	-1.78e-015	166.35	-8.88e-016	-6.44	-1.42e-014	-1558.17
315	410	-16.16	0.34	4.84e-002	5.90	1.31	1.67
	411	16.16	-0.34	-4.84e-002	-5.90	-3.97	16.85
316	409	62.99	0.14	1.91e-002	6.27	0.29	-12.91
	410	-62.99	-0.14	-1.91e-002	-6.27	-1.34	20.73
317	408	101.72	4.40e-002	1.10e-002	6.37	-0.30	-16.87
	409	-101.72	-4.40e-002	-1.10e-002	-6.37	-0.30	19.29
318	407	102.30	-3.83e-002	1.48e-002	6.35	-1.16	-19.21
	408	-102.30	3.83e-002	-1.48e-002	-6.35	0.34	17.11
319	368	-8.88e-015	165.08	5.77e-015	6.45	6.39e-014	1484.77
	216	8.88e-015	164.96	-5.77e-015	-6.45	4.97e-014	-1519.04
320	215	1.78e-015	166.53	-6.00e-015	6.36	-7.11e-015	1524.78
	368	-1.78e-015	163.50	6.00e-015	-6.36	-1.42e-014	-1478.93
321	367	0.00	167.92	2.00e-015	6.04	-1.42e-014	1563.77
	215	0.00	162.11	-2.00e-015	-6.04	-2.13e-014	-1441.48
322	214	-3.55e-015	169.33	-6.22e-015	4.95	7.11e-014	1615.22
	367	3.55e-015	160.70	6.22e-015	-4.95	3.91e-014	-1415.33
323	406	64.72	-0.13	3.45e-002	6.21	-3.24	-20.56
	407	-64.72	0.13	-3.45e-002	-6.21	1.34	13.18
324	405	-13.30	-0.33	0.10	5.92	-9.22	-17.04
	406	13.30	0.33	-0.10	-5.92	3.57	-1.15
325	404	-145.93	-0.27	0.38	4.61	-29.11	-7.09
	405	145.93	0.27	-0.38	-4.61	8.26	-7.63
326	363	-335.38	1.37	0.88	-10.18	-62.63	104.55
	404	335.38	-1.37	-0.88	10.18	14.02	-28.94
327	364	-3.55e-015	170.39	-1.78e-015	1.30	-2.84e-014	1639.28
	214	3.55e-015	159.64	1.78e-015	-1.30	-5.68e-014	-1381.16

328	187	0.00	177.36	6.66e-016	-17.75	4.62e-014	1876.47
	364	0.00	152.68	-6.66e-016	17.75	3.55e-014	-1235.22
389	362	-322.82	-1.83	0.12	3.34	4.00	13.85
	363	322.82	1.83	-0.12	-3.34	-11.92	-130.74
390	361	-62.25	0.37	-5.45e-002	-4.98	-0.42	3.72
	362	62.25	-0.37	5.45e-002	4.98	3.91	20.09
391	302	0.00	182.87	-5.83e-016	10.48	9.68e-014	1773.95
	187	0.00	201.16	5.83e-016	-10.48	2.62e-014	-2410.03
392	213	-1.78e-015	188.42	2.19e-015	-2.63	6.44e-014	1902.75
	302	1.78e-015	195.62	-2.19e-015	2.63	-6.22e-015	-2184.12
393	301	-1.78e-015	189.61	-4.44e-016	-3.94	-2.31e-014	1938.38
	213	1.78e-015	194.43	4.44e-016	3.94	-9.41e-014	-2143.53
394	212	-3.55e-015	190.93	-1.33e-015	-4.31	6.75e-014	1966.07
	301	3.55e-015	193.11	1.33e-015	4.31	-3.55e-015	-2086.45
395	360	112.34	0.45	-6.68e-003	-4.59	-0.60	-3.35
	361	-112.34	-0.45	6.68e-003	4.59	1.02	32.07
396	359	220.52	0.20	-1.70e-003	-4.45	-0.23	-23.29
	360	-220.52	-0.20	1.70e-003	4.45	0.34	36.15
397	358	276.15	5.87e-002	-1.84e-003	-4.43	-9.32e-003	-30.19
	359	-276.15	-5.87e-002	1.84e-003	4.43	0.13	33.94
398	357	280.26	-3.67e-002	-3.88e-003	-4.41	0.22	-33.61
	358	-280.26	3.67e-002	3.88e-003	4.41	2.68e-002	31.26
399	298	-3.55e-015	192.20	3.11e-015	-4.41	-2.13e-014	2004.28
	212	3.55e-015	191.83	-3.11e-015	4.41	-9.24e-014	-2043.23
400	211	-3.55e-015	193.52	6.66e-016	-4.43	-1.14e-013	2045.91
	298	3.55e-015	190.52	-6.66e-016	4.43	4.97e-014	-2000.89
401	297	-3.55e-015	194.79	-2.22e-015	-4.42	2.84e-014	2088.48
	211	3.55e-015	189.25	2.22e-015	4.42	-4.26e-014	-1962.15
402	210	-1.78e-015	196.12	0.00	-4.36	5.68e-014	2145.01
	297	1.78e-015	187.92	0.00	4.36	-7.11e-015	-1933.62
403	356	232.86	-0.18	-1.13e-002	-4.34	0.81	-36.27
	357	-232.86	0.18	1.13e-002	4.34	-8.24e-002	24.95
404	355	132.81	-0.43	-3.39e-002	-4.09	2.59	-33.29
	356	-132.81	0.43	3.39e-002	4.09	-0.42	5.86
405	354	-33.67	-0.35	-9.23e-002	-3.35	7.79	-21.46
	355	33.67	0.35	9.23e-002	3.35	-1.88	-1.23
406	333	-281.58	1.33	-0.20	-1.54	20.51	106.56
	354	281.58	-1.33	0.20	1.54	-7.80	-21.42
407	294	1.78e-015	197.33	-6.66e-016	-4.08	1.07e-013	2186.12
	210	-1.78e-015	186.70	6.66e-016	4.08	4.26e-014	-1896.80
408	181	0.00	202.95	-1.78e-015	-3.51	-1.42e-014	2411.44
	294	0.00	181.09	1.78e-015	3.51	-8.53e-014	-1762.84
409	332	-301.47	-1.75	0.19	1.28	9.81	23.03
	333	301.47	1.75	-0.19	-1.28	-20.43	-120.89
410	331	-86.75	0.33	9.23e-002	2.91	3.06	3.92
	332	86.75	-0.33	-9.23e-002	-2.91	-8.23	14.44
411	292	-3.55e-015	156.80	-1.33e-015	3.31	-5.68e-014	1277.27
	181	3.55e-015	179.23	1.33e-015	-3.31	-2.84e-014	-1944.06
412	209	3.55e-015	163.85	-8.88e-016	3.82	9.95e-014	1424.74
	292	-3.55e-015	172.18	8.88e-016	-3.82	9.95e-014	-1696.78
413	291	-3.55e-015	164.89	1.78e-015	4.09	-7.11e-014	1458.02

	209	3.55e-015	171.14	-1.78e-015	-4.09	-4.26e-014	-1671.86
414	208	1.78e-015	166.29	8.88e-016	4.17	-9.95e-014	1482.99
	291	-1.78e-015	169.74	-8.88e-016	-4.17	-9.95e-014	-1618.34
415	330	64.23	0.38	3.73e-002	3.72	0.91	-3.14
	331	-64.23	-0.38	-3.73e-002	-3.72	-3.00	24.58
416	329	158.09	0.18	1.45e-002	4.02	0.19	-19.54
	330	-158.09	-0.18	-1.45e-002	-4.02	-1.00	29.44
417	328	210.27	7.29e-002	7.77e-003	4.11	-0.20	-24.62
	329	-210.27	-7.29e-002	-7.77e-003	-4.11	-0.24	28.70
418	327	222.96	-1.07e-002	9.81e-003	4.09	-0.76	-28.10
	328	-222.96	1.07e-002	-9.81e-003	-4.09	0.21	27.50
419	288	1.78e-015	167.67	0.00	4.17	-2.84e-014	1519.72
	208	-1.78e-015	168.36	0.00	-4.17	-2.84e-014	-1578.02
420	207	-3.55e-015	169.11	-3.55e-015	4.10	-2.84e-014	1558.89
	288	3.55e-015	166.92	3.55e-015	-4.10	0.00	-1536.56
421	287	-3.55e-015	170.49	1.78e-015	3.88	5.68e-014	1597.63
	207	3.55e-015	165.55	-1.78e-015	-3.88	8.53e-014	-1498.17
422	206	1.78e-015	171.92	0.00	3.13	-8.53e-014	1649.26
	287	-1.78e-015	164.11	0.00	-3.13	-8.53e-014	-1469.40
423	326	196.04	-0.11	2.23e-002	4.01	-2.13	-30.24
	327	-196.04	0.11	-2.23e-002	-4.01	0.88	24.04
424	325	128.13	-0.29	6.51e-002	3.84	-6.05	-27.29
	326	-128.13	0.29	-6.51e-002	-3.84	2.40	10.99
425	324	8.09	-0.29	0.24	3.17	-19.02	-21.15
	325	-8.09	0.29	-0.24	-3.17	5.62	4.65
426	283	-169.53	1.57	0.59	-5.38	-42.76	94.04
	324	169.53	-1.57	-0.59	5.38	9.45	-6.04
427	284	1.78e-015	173.03	0.00	0.59	0.00	1675.65
	206	-1.78e-015	163.00	0.00	-0.59	0.00	-1433.71
428	176	-3.55e-015	179.42	-3.55e-015	-12.25	-1.14e-013	1907.22
	284	3.55e-015	156.61	3.55e-015	12.25	-8.53e-014	-1307.60
444	282	-191.15	-0.88	-0.64	-2.21	-9.60	13.81
	283	191.15	0.88	0.64	2.21	44.06	-61.23
445	281	-97.69	0.14	-0.29	-10.62	-2.45	1.27
	282	97.69	-0.14	0.29	10.62	18.24	6.26
446	280	-51.70	9.83e-003	-0.20	-10.39	8.23	-5.28
	281	51.70	-9.83e-003	0.20	10.39	2.48	5.81
447	279	-51.94	-0.18	-0.39	-7.92	29.78	-11.56
	280	51.94	0.18	0.39	7.92	-8.81	2.03
448	278	-81.28	1.04	-0.83	0.70	73.87	44.00
	279	81.28	-1.04	0.83	-0.70	-29.23	11.97
449	205	8.88e-015	155.97	-3.55e-015	4.54	0.00	1294.62
	176	-8.88e-015	168.06	3.55e-015	-4.54	-5.68e-014	-1657.14
450	204	5.33e-015	161.04	7.99e-015	-8.29	0.00	1409.00
	205	-5.33e-015	163.00	-7.99e-015	8.29	-8.53e-014	-1498.10
451	203	-3.55e-015	162.65	-2.66e-015	-10.49	5.68e-014	1470.57
	204	3.55e-015	161.39	2.66e-015	10.49	0.00	-1472.67
452	202	8.88e-015	163.81	1.78e-015	-9.73	-8.53e-014	1470.64
	203	-8.88e-015	160.22	-1.78e-015	9.73	5.68e-014	-1410.07
453	175	-1.78e-015	177.56	7.11e-015	-4.61	-1.14e-013	2010.83
	202	1.78e-015	146.47	-7.11e-015	4.61	2.84e-014	-1207.50

454	101	825.69	-112.19	-11.52	0.36	1735.09	-11868.33
	201	-825.69	112.19	11.52	-0.36	2413.85	-28519.38
455	100	2038.68	-74.77	-3.15	0.36	347.86	-8135.53
	200	-2038.68	74.77	3.15	-0.36	785.59	-18783.14
456	99	1314.69	-163.87	4.16	0.36	-948.51	-16547.59
	199	-1314.69	163.87	-4.16	-0.36	-550.46	-42446.28
457	98	2749.73	104.76	61.39	1.17	-8699.89	9668.45
	198	-2749.73	-104.76	-61.39	-1.17	-13400.39	28044.11
458	97	4110.15	17.30	-8.25	0.36	363.07	1499.00
	197	-4110.15	-17.30	8.25	-0.36	2606.57	4729.43
459	96	2506.55	-8.69e-002	-23.10	0.36	3401.27	-777.03
	196	-2506.55	8.69e-002	23.10	-0.36	4913.36	745.75
460	95	763.45	-52.85	-14.37	0.36	1894.09	-6241.28
	195	-763.45	52.85	14.37	-0.36	3278.10	-12783.85
461	85	1775.22	-5.29	-3.76	0.36	274.21	-941.92
	185	-1775.22	5.29	3.76	-0.36	1078.71	-962.35
462	92	3013.18	-20.78	-5.13	0.36	403.02	-2052.95
	192	-3013.18	20.78	5.13	-0.36	1442.68	-5428.30
463	93	3313.69	2.99	-3.90	0.36	123.24	1038.56
	193	-3313.69	-2.99	3.90	-0.36	1279.32	36.72
464	94	2051.18	-23.79	7.19	0.36	-857.62	-2333.98
	194	-2051.18	23.79	-7.19	-0.36	-1730.72	-6231.47
465	91	2186.48	23.92	4.40	0.36	-824.00	2992.97
	191	-2186.48	-23.92	-4.40	-0.36	-759.50	5616.53
466	90	3552.95	11.40	-1.17	0.36	-106.08	1683.46
	190	-3552.95	-11.40	1.17	-0.36	526.18	2421.69
467	89	3145.19	27.46	-2.41	0.36	51.28	3715.53
	189	-3145.19	-27.46	2.41	-0.36	816.98	6170.31
468	84	1811.50	11.43	-2.70	0.36	295.51	2124.36
	184	-1811.50	-11.43	2.70	-0.36	675.56	1991.51
469	83	761.13	56.79	-8.22	0.36	1050.17	6729.03
	183	-761.13	-56.79	8.22	-0.36	1909.42	13716.68
470	86	2167.90	32.28	-11.36	0.36	1371.96	4029.67
	186	-2167.90	-32.28	11.36	-0.36	2718.72	7592.40
471	87	3508.72	-5.85	-4.42	0.36	-209.49	-661.15
	187	-3508.72	5.85	4.42	-0.36	1800.72	-1443.45
472	88	2267.97	-16.66	9.73	0.36	-1694.13	-1556.64
	188	-2267.97	16.66	-9.73	-0.36	-1809.67	-4440.98
473	80	1353.92	6.35	-1.55	0.36	26.25	996.08
	180	-1353.92	-6.35	1.55	-0.36	530.11	1290.75
474	81	3677.10	10.52	-0.87	0.36	-208.01	1521.33
	181	-3677.10	-10.52	0.87	-0.36	521.30	2264.82
475	82	2325.88	16.65	3.28	0.36	-604.29	2048.10
	182	-2325.88	-16.65	-3.28	-0.36	-576.94	3947.05
476	73	1323.37	15.92	-2.56	0.36	432.43	1789.87
	173	-1323.37	-15.92	2.56	-0.36	489.11	3942.01
477	76	2420.19	21.33	-5.87	0.36	440.33	2996.08
	176	-2420.19	-21.33	5.87	-0.36	1672.98	4680.97
478	72	1406.70	-7.26	27.15	0.36	-3584.50	-519.33
	172	-1406.70	7.26	-27.15	-0.36	-6190.75	-2092.50
479	79	1578.94	36.09	7.69	0.36	-1438.03	4496.68

	179	-1578.94	-36.09	-7.69	-0.36	-1330.41	8496.54
480	75	1798.50	-24.92	0.72	0.36	-342.95	-2051.03
	175	-1798.50	24.92	-0.72	-0.36	83.56	-6918.65
481	78	1206.70	-7.41	3.81	0.36	-709.77	-294.86
	178	-1206.70	7.41	-3.81	-0.36	-660.49	-2372.29
482	70	833.27	2.44	7.93	0.36	-1120.93	267.03
	170	-833.27	-2.44	-7.93	-0.36	-1732.63	612.13
483	69	1809.28	-2.59	30.88	0.36	-4092.20	-90.30
	169	-1809.28	2.59	-30.88	-0.36	-7023.13	-842.33
484	66	1889.51	-7.70	-6.22	0.36	64.94	-956.43
	166	-1889.51	7.70	6.22	-0.36	2173.12	-1814.63
485	67	900.85	-14.33	3.11	0.36	-872.41	-1954.66
	167	-900.85	14.33	-3.11	-0.36	-246.00	-3203.68
486	64	905.96	-3.62	11.24	0.36	-1394.43	-254.44
	164	-905.96	3.62	-11.24	-0.36	-2652.22	-1049.03
487	63	2015.85	-2.04	12.96	0.36	-1431.25	-81.08
	163	-2015.85	2.04	-12.96	-0.36	-3232.58	-652.91
488	61	401.34	-7.52	-24.78	0.36	2184.78	-1055.77
	161	-401.34	7.52	24.78	-0.36	6735.94	-1652.60
489	60	954.31	-4.40	-68.62	0.36	7173.20	-534.51
	160	-954.31	4.40	68.62	-0.36	17530.88	-1048.50
490	59	596.33	3.84	-45.34	0.36	4257.81	727.41
	159	-596.33	-3.84	45.34	-0.36	12063.21	653.57
491	62	1199.90	1.78	15.62	0.36	-1759.87	361.16
	162	-1199.90	-1.78	-15.62	-0.36	-3865.03	278.33
492	65	1218.37	7.48	-2.54	0.36	-297.34	1141.06
	165	-1218.37	-7.48	2.54	-0.36	1210.79	1553.07
493	68	1078.84	9.99	22.56	0.36	-3003.69	1048.03
	168	-1078.84	-9.99	-22.56	-0.36	-5118.55	2547.89
494	71	818.79	33.35	17.74	0.36	-2407.21	4022.69
	171	-818.79	-33.35	-17.74	-0.36	-3979.40	7983.89
495	74	1015.69	65.93	3.42	0.36	-783.20	7569.05
	174	-1015.69	-65.93	-3.42	-0.36	-447.20	16164.14
496	77	687.70	37.91	6.81	0.36	-1151.76	4408.62
	177	-687.70	-37.91	-6.81	-0.36	-1299.67	9240.65
497	166	0.00	-31.00	-8.88e-016	1131.33	-1.14e-013	-4974.48
	167	0.00	31.00	8.88e-016	-1131.33	-1.71e-013	-3396.76
498	165	1.42e-014	31.11	1.11e-015	-322.60	-5.68e-014	4454.65
	166	-1.42e-014	-31.11	-1.11e-015	322.60	-5.68e-014	7368.39
499	163	-1.42e-014	1098.73	-5.55e-017	31.83	-1.42e-014	79172.10
	160	1.42e-014	997.52	5.55e-017	-31.83	-1.42e-014	-57411.24
500	166	-2.84e-014	960.77	5.55e-017	-149.53	0.00	65893.12
	163	2.84e-014	940.48	-5.55e-017	149.53	-1.42e-014	-61935.77
501	169	-1.42e-014	1041.69	0.00	100.99	-7.11e-015	70780.01
	166	1.42e-014	1054.56	0.00	-100.99	-3.55e-015	-73545.78
502	172	-2.84e-014	664.89	-8.33e-017	-275.25	1.42e-014	26953.38
	169	2.84e-014	797.61	8.33e-017	275.25	1.78e-014	-46861.98
503	160	-2.84e-014	-9.02	-8.88e-016	3164.10	1.71e-013	-1374.05
	161	2.84e-014	9.02	8.88e-016	-3164.10	-5.68e-014	-1060.85
504	159	4.26e-014	10.69	-1.11e-015	-1088.15	-1.14e-013	1686.07
	160	-4.26e-014	-10.69	1.11e-015	1088.15	-1.14e-013	2377.32

505	162	-5.68e-014	659.04	-2.22e-016	-71.73	0.00	46729.82
	159	5.68e-014	566.46	2.22e-016	71.73	0.00	-26825.30
506	165	-5.68e-014	552.57	1.11e-016	356.58	0.00	38145.53
	162	5.68e-014	558.93	-1.11e-016	-356.58	0.00	-39385.79
507	168	-8.53e-014	610.32	5.55e-017	376.37	0.00	40640.70
	165	8.53e-014	615.18	-5.55e-017	-376.37	0.00	-41684.49
508	171	2.84e-014	371.60	5.55e-017	2068.36	2.84e-014	13657.25
	168	-2.84e-014	483.40	-5.55e-017	-2068.36	2.13e-014	-30428.07
509	174	2.84e-014	-35.68	-1.11e-016	3348.65	-2.13e-014	-3194.59
	171	-2.84e-014	35.68	1.11e-016	-3348.65	-3.55e-014	-7508.45
510	177	-2.84e-014	8.60	-2.78e-017	-1644.29	0.00	1882.21
	174	2.84e-014	-8.60	2.78e-017	1644.29	0.00	2505.21
511	164	1.42e-014	501.16	-6.66e-016	132.19	0.00	33828.68
	161	-1.42e-014	369.59	6.66e-016	-132.19	0.00	-5539.67
512	167	-2.84e-014	384.96	2.22e-016	-916.84	-5.68e-014	27308.52
	164	2.84e-014	404.79	-2.22e-016	916.84	-2.84e-014	-31176.47
513	170	7.11e-014	449.24	0.00	1711.84	0.00	32124.33
	167	-7.11e-014	421.51	0.00	-1711.84	0.00	-26163.24
514	173	0.00	223.47	-2.22e-016	2323.96	2.84e-014	6306.71
	170	0.00	384.03	2.22e-016	-2323.96	2.84e-014	-30391.69
515	176	4.26e-014	-18.71	-1.11e-016	50.75	1.42e-014	-2330.75
	173	-4.26e-014	18.71	1.11e-016	-50.75	2.13e-014	-3282.21
516	179	-3.55e-014	13.14	2.78e-017	617.48	7.11e-015	2855.81
	176	3.55e-014	-13.14	-2.78e-017	-617.48	0.00	3845.33
517	186	-5.51e-014	-2.52	0.00	-1228.49	-7.11e-015	-307.53
	183	5.51e-014	2.52	0.00	1228.49	-3.55e-015	-701.93
518	187	4.62e-014	-12.28	-5.55e-017	-2298.57	1.07e-014	-1900.57
	186	-4.62e-014	12.28	5.55e-017	2298.57	1.78e-014	-1782.97
519	188	2.53e-014	16.79	2.78e-017	-513.48	0.00	3597.06
	187	-2.53e-014	-16.79	-2.78e-017	513.48	2.13e-014	4965.66
520	196	-8.53e-014	-6.92	-2.78e-017	4258.90	2.13e-014	-880.88
	195	8.53e-014	6.92	2.78e-017	-4258.90	7.11e-015	-1868.58
521	197	8.53e-014	-20.05	-8.33e-017	978.26	2.49e-014	-3339.91
	196	-8.53e-014	20.05	8.33e-017	-978.26	-3.55e-015	-2676.03
522	198	0.00	35.62	2.78e-017	1605.90	0.00	7849.12
	197	0.00	-35.62	-2.78e-017	-1605.90	0.00	9606.38
523	200	-5.68e-014	-22.12	-1.53e-016	2715.54	1.73e-014	-3704.47
	201	5.68e-014	22.12	1.53e-016	-2715.54	3.91e-014	-2877.27
524	199	2.84e-014	12.25	5.55e-017	-4274.95	-1.42e-014	2654.24
	200	-2.84e-014	-12.25	-5.55e-017	4274.95	-2.13e-014	3072.13
525	185	0.00	898.21	4.44e-016	-694.72	1.14e-013	86010.88
	195	0.00	734.04	-4.44e-016	694.72	1.14e-013	-41067.21
526	184	-7.11e-015	916.55	1.11e-016	-183.79	0.00	93112.53
	185	7.11e-015	902.00	-1.11e-016	183.79	-2.84e-014	-88678.01
527	183	7.11e-015	733.67	2.22e-016	402.23	-2.13e-014	39664.07
	184	-7.11e-015	910.86	-2.22e-016	-402.23	2.13e-014	-88770.64
528	196	-2.66e-015	1007.85	-5.55e-017	540.63	8.53e-014	144128.85
	201	2.66e-015	790.29	5.55e-017	-540.63	-2.84e-014	-57836.65
529	192	-1.78e-015	1441.08	3.33e-016	-993.95	-8.53e-014	140327.96
	196	1.78e-015	1409.96	-3.33e-016	993.95	-2.84e-014	-131846.58
530	189	2.66e-015	1619.62	-2.22e-016	-201.65	0.00	160228.62

	192	-2.66e-015	1571.43	2.22e-016	201.65	-2.84e-014	-145531.19
531	186	1.78e-015	1356.76	8.33e-017	615.33	1.42e-014	107163.87
	189	-1.78e-015	1525.56	-8.33e-017	-615.33	4.97e-014	-154058.31
532	180	2.66e-015	681.48	-1.25e-016	-646.32	5.86e-014	69355.01
	186	-2.66e-015	758.52	1.25e-016	646.32	1.49e-013	-94009.45
533	173	-5.33e-015	587.56	-2.22e-016	-116.21	4.26e-014	44295.31
	180	5.33e-015	672.44	2.22e-016	116.21	-5.68e-014	-68064.26
534	172	-1.42e-014	242.37	-8.88e-016	-4713.88	1.14e-013	17162.71
	173	1.42e-014	365.13	8.88e-016	4713.88	-4.55e-013	-33735.72
535	171	-7.11e-015	388.72	4.44e-016	1160.44	5.68e-014	6301.21
	172	7.11e-015	466.28	-4.44e-016	-1160.44	-2.27e-013	-21038.25
536	174	1.07e-014	1068.30	0.00	-225.08	1.14e-013	26305.85
	175	-1.07e-014	1211.92	0.00	225.08	5.68e-014	-55384.42
537	198	-2.13e-014	1575.64	0.00	58.84	2.84e-014	207685.25
	199	2.13e-014	1283.39	0.00	-58.84	1.42e-014	-98261.54
538	194	-1.42e-014	931.13	1.11e-016	-312.55	8.53e-014	85621.64
	198	1.42e-014	1128.57	-1.11e-016	312.55	1.14e-013	-142974.16
539	191	0.00	1173.56	2.22e-016	421.15	0.00	113201.65
	194	0.00	1114.31	-2.22e-016	-421.15	0.00	-99745.61
540	188	0.00	1048.20	4.44e-016	-325.03	7.82e-014	106518.70
	191	0.00	1014.63	-4.44e-016	325.03	-8.53e-014	-101039.17
541	182	-7.11e-015	1218.05	2.78e-017	294.25	7.11e-014	124484.10
	188	7.11e-015	1182.33	-2.78e-017	-294.25	9.24e-014	-118130.85
542	179	7.11e-015	975.93	-5.55e-017	-167.77	-4.26e-014	71403.71
	182	-7.11e-015	1124.40	5.55e-017	167.77	9.95e-014	-116863.10
543	178	-2.84e-014	437.82	0.00	313.01	3.41e-013	33561.23
	179	2.84e-014	574.84	0.00	-313.01	-1.14e-013	-52961.76
544	177	-1.42e-014	656.44	0.00	-301.42	1.14e-013	17672.97
	178	1.42e-014	768.78	0.00	301.42	-5.68e-014	-40807.76
545	66	-1.42e-014	-26.33	0.00	-71.86	2.84e-014	-3764.84
	67	1.42e-014	26.33	0.00	71.86	0.00	-3344.87
546	65	-1.42e-014	8.77	0.00	22.16	0.00	1455.20
	66	1.42e-014	-8.77	0.00	-22.16	2.84e-014	1877.76
547	63	-2.84e-014	-21.04	2.22e-016	127.74	-8.53e-014	-3068.88
	60	2.84e-014	21.04	-2.22e-016	-127.74	-8.53e-014	-5980.35
548	66	2.84e-014	12.13	-2.22e-016	-168.47	0.00	1169.45
	63	-2.84e-014	-12.13	2.22e-016	168.47	0.00	3562.50
549	69	2.84e-014	-1.02	0.00	192.46	0.00	96.17
	66	-2.84e-014	1.02	0.00	-192.46	-2.84e-014	-536.10
550	72	0.00	28.59	2.78e-016	127.59	0.00	4426.76
	69	0.00	-28.59	-2.78e-016	-127.59	-7.11e-015	4151.14
551	60	0.00	-17.60	4.44e-016	-163.47	0.00	-2573.39
	61	0.00	17.60	-4.44e-016	163.47	-1.14e-013	-2177.42
552	59	-2.84e-014	5.32	2.22e-016	-101.32	0.00	742.02
	60	2.84e-014	-5.32	-2.22e-016	101.32	0.00	1277.72
553	62	0.00	-8.31	2.22e-016	-66.88	-1.14e-013	-820.63
	59	0.00	8.31	-2.22e-016	66.88	-8.53e-014	-2753.76
554	65	2.84e-014	5.10	1.11e-016	62.37	-2.84e-014	379.63
	62	-2.84e-014	-5.10	-1.11e-016	-62.37	0.00	1610.17
555	68	0.00	2.35	-5.55e-017	-210.27	0.00	717.21
	65	0.00	-2.35	5.55e-017	210.27	-2.84e-014	295.29

556	71	2.84e-014	14.67	1.11e-016	165.89	0.00	2231.72
	68	-2.84e-014	-14.67	-1.11e-016	-165.89	1.42e-014	2168.28
557	74	0.00	-0.96	-1.11e-016	-233.09	-2.66e-015	-223.80
	71	0.00	0.96	1.11e-016	233.09	-2.84e-014	-65.34
558	77	4.26e-014	4.40	-2.78e-017	66.66	7.11e-015	1143.82
	74	-4.26e-014	-4.40	2.78e-017	-66.66	1.42e-014	1099.66
559	64	1.42e-014	-4.67	-1.11e-016	183.02	-2.84e-014	-452.26
	61	-1.42e-014	4.67	1.11e-016	-183.02	-2.84e-014	-1556.09
560	67	1.42e-014	4.56	0.00	-259.51	2.84e-014	492.96
	64	-1.42e-014	-4.56	0.00	259.51	2.84e-014	1283.82
561	70	0.00	4.13	-5.55e-017	129.37	1.42e-014	1149.70
	67	0.00	-4.13	5.55e-017	-129.37	1.42e-014	625.24
562	73	0.00	9.34e-002	2.78e-016	-54.05	2.84e-014	382.96
	70	0.00	-9.34e-002	-2.78e-016	54.05	2.13e-014	-354.95
563	76	0.00	-21.21	-5.55e-017	438.51	3.91e-014	-3631.16
	73	0.00	21.21	5.55e-017	-438.51	7.11e-015	-2733.31
564	79	0.00	10.55	6.94e-018	-29.52	0.00	2429.44
	76	0.00	-10.55	-6.94e-018	29.52	0.00	2952.99
565	86	1.35e-014	-9.05	1.11e-016	112.74	-7.11e-015	-1853.00
	83	-1.35e-014	9.05	-1.11e-016	-112.74	1.78e-014	-1766.35
566	87	-2.89e-015	-3.03	-1.39e-017	-19.08	2.22e-015	-511.62
	86	2.89e-015	3.03	1.39e-017	19.08	3.55e-015	-397.40
567	88	-2.22e-015	9.71	-6.94e-018	45.90	8.88e-016	2653.37
	87	2.22e-015	-9.71	6.94e-018	-45.90	0.00	2299.83
568	96	-2.84e-014	-14.47	2.78e-017	-446.30	1.42e-014	-2451.11
	95	2.84e-014	14.47	-2.78e-017	446.30	0.00	-3301.99
569	97	0.00	-43.52	-1.39e-017	87.16	0.00	-7657.53
	96	0.00	43.52	1.39e-017	-87.16	-8.88e-015	-5399.36
570	98	-1.42e-014	37.75	0.00	-102.05	-3.55e-015	9620.89
	97	1.42e-014	-37.75	0.00	102.05	-3.55e-015	8876.40
571	100	5.68e-014	-23.74	1.39e-017	-537.85	-3.20e-014	-3995.36
	101	-5.68e-014	23.74	-1.39e-017	537.85	-2.13e-014	-3068.58
572	99	-5.68e-014	9.93	8.33e-017	1047.62	-1.42e-014	2004.12
	100	5.68e-014	-9.93	-8.33e-017	-1047.62	-2.13e-014	2637.98
573	85	0.00	-21.29	-1.11e-016	-269.91	2.84e-014	-5268.15
	95	0.00	21.29	1.11e-016	269.91	-2.84e-014	-6387.19
574	84	7.11e-015	5.44	0.00	95.48	1.42e-014	-66.63
	85	-7.11e-015	-5.44	0.00	-95.48	0.00	3384.84
575	83	0.00	17.88	2.78e-017	76.17	-3.55e-014	6235.66
	84	0.00	-17.88	-2.78e-017	-76.17	-4.26e-014	3596.80
576	96	-3.55e-015	-16.19	-1.11e-016	152.18	-1.42e-014	-3912.81
	101	3.55e-015	16.19	1.11e-016	-152.18	1.42e-014	-9076.20
577	92	-2.66e-015	-9.81	0.00	-646.04	5.68e-014	-4740.46
	96	2.66e-015	9.81	0.00	646.04	0.00	-604.78
578	89	-6.22e-015	11.98	-5.55e-017	-21.40	2.84e-014	3541.05
	92	6.22e-015	-11.98	5.55e-017	21.40	0.00	3764.92
579	86	5.33e-015	7.72	0.00	191.31	7.11e-015	2570.22
	89	-5.33e-015	-7.72	0.00	-191.31	3.20e-014	1674.04
580	80	3.55e-015	5.07	4.16e-017	-117.72	1.42e-014	1578.18
	86	-3.55e-015	-5.07	-4.16e-017	117.72	0.00	1665.81
581	73	1.78e-015	0.47	-5.55e-017	204.28	-1.42e-014	709.93

	80	-1.78e-015	-0.47	5.55e-017	-204.28	-1.42e-014	-449.23
582	72	5.33e-015	-11.00	0.00	-755.48	1.14e-013	-3014.64
	73	-5.33e-015	11.00	0.00	755.48	0.00	44.89
583	71	-1.07e-014	18.87	0.00	68.29	0.00	4228.99
	72	1.07e-014	-18.87	0.00	-68.29	0.00	2939.86
584	97	-3.55e-015	-16.56	1.11e-016	-295.55	0.00	-5128.13
	100	3.55e-015	16.56	-1.11e-016	295.55	-2.84e-014	-8119.09
585	93	-1.07e-014	9.19	0.00	201.03	-2.84e-014	326.68
	97	1.07e-014	-9.19	0.00	-201.03	0.00	4681.65
586	90	3.55e-015	11.63	0.00	60.22	1.42e-014	4098.99
	93	-3.55e-015	-11.63	0.00	-60.22	-1.42e-014	2994.75
587	87	0.00	-2.71	2.78e-017	-356.79	-3.55e-014	-206.33
	90	0.00	2.71	-2.78e-017	356.79	-7.11e-015	-1284.51
588	81	0.00	-3.60	-4.16e-017	262.89	1.07e-014	-1527.90
	87	0.00	3.60	4.16e-017	-262.89	0.00	-774.62
589	76	0.00	10.55	5.55e-017	40.46	0.00	2612.94
	81	0.00	-10.55	-5.55e-017	-40.46	0.00	3295.97
590	75	7.11e-015	0.12	-8.88e-016	-8.19	0.00	-1464.32
	76	-7.11e-015	-0.12	8.88e-016	8.19	0.00	1495.86
591	74	-3.55e-015	19.50	-4.44e-016	-129.49	0.00	6519.65
	75	3.55e-015	-19.50	4.44e-016	129.49	0.00	889.50
592	98	0.00	-13.65	5.55e-017	56.69	-5.68e-014	-411.07
	99	0.00	13.65	-5.55e-017	-56.69	-4.26e-014	-10480.21
593	94	0.00	4.34	-2.22e-016	199.13	2.84e-014	-1996.45
	98	0.00	-4.34	2.22e-016	-199.13	2.84e-014	4386.03
594	91	0.00	3.16	5.55e-017	-195.75	-2.84e-014	1449.01
	94	0.00	-3.16	-5.55e-017	195.75	1.42e-014	475.76
595	88	0.00	5.26	1.67e-016	-175.38	-1.42e-014	1019.97
	91	0.00	-5.26	-1.67e-016	175.38	-3.55e-015	1874.85
596	82	-7.11e-015	-4.51	-2.78e-017	204.64	-3.55e-015	-946.17
	88	7.11e-015	4.51	2.78e-017	-204.64	1.42e-014	-1940.35
597	79	0.00	9.50	0.00	-225.30	5.68e-014	2397.36
	82	0.00	-9.50	0.00	225.30	4.26e-014	2923.44
598	78	-2.84e-014	7.91	8.88e-016	399.72	0.00	-168.59
	79	2.84e-014	-7.91	-8.88e-016	-399.72	0.00	2305.47
599	77	0.00	12.91	-4.44e-016	-93.16	-1.14e-013	4102.16
	78	0.00	-12.91	4.44e-016	93.16	-1.14e-013	804.38
648	122	3.55e-015	3.58	5.55e-017	-20.99	0.00	237.42
	47	-3.55e-015	-3.58	-5.55e-017	20.99	0.00	217.16
649	121	0.00	0.48	0.00	-5.08	-1.07e-014	40.14
	122	0.00	-0.48	0.00	5.08	0.00	20.68
650	120	0.00	7.33e-002	2.22e-016	1.20	-2.13e-014	5.25
	121	0.00	-7.33e-002	-2.22e-016	-1.20	-7.11e-015	4.06
651	48	-3.55e-015	-1.76	0.00	14.45	0.00	-44.12
	120	3.55e-015	1.76	0.00	-14.45	0.00	-179.79
652	119	0.00	11.32	-2.22e-016	-20.60	1.42e-014	377.52
	46	0.00	-11.32	2.22e-016	20.60	-3.55e-014	471.47
653	118	-7.11e-015	6.04e-002	0.00	-2.78	1.42e-014	36.42
	119	7.11e-015	-6.04e-002	0.00	2.78	-7.11e-015	-31.89
654	117	7.11e-015	-0.43	-4.44e-016	3.75	3.20e-014	28.56
	118	-7.11e-015	0.43	4.44e-016	-3.75	7.11e-015	-60.66

655	47	7.11e-015	-13.10	4.27e-016	22.08	-2.84e-014	-559.10
	117	-7.11e-015	13.10	-4.27e-016	-22.08	9.77e-015	-423.65
656	116	0.00	3.31	0.00	-10.70	0.00	220.28
	41	0.00	-3.31	0.00	10.70	1.42e-014	108.88
657	115	0.00	-0.21	0.00	-0.39	1.42e-014	-2.54
	116	0.00	0.21	0.00	0.39	-2.84e-014	-18.16
658	114	0.00	-0.56	0.00	5.55	-4.26e-014	-5.94
	115	0.00	0.56	0.00	-5.55	-4.26e-014	-50.05
659	46	0.00	-5.87	-2.22e-016	21.03	1.42e-014	-297.15
	114	0.00	5.87	2.22e-016	-21.03	0.00	-286.48
660	113	1163.93	3.67	-78.54	-74.16	1354.44	-366.03
	48	-1163.93	-3.67	78.54	74.16	6106.43	714.81
661	112	858.84	1.41	-18.85	38.13	338.38	-148.03
	113	-858.84	-1.41	18.85	-38.13	1452.40	282.42
662	111	837.00	1.18	11.97	50.53	-1895.27	9.11
	112	-837.00	-1.18	-11.97	-50.53	757.88	102.65
663	5	995.32	1.97	7.22	4.49	862.91	248.53
	111	-995.32	-1.97	-7.22	-4.49	-1548.62	-61.12
664	110	1299.11	10.80	36.44	33.80	-1055.10	-644.86
	47	-1299.11	-10.80	-36.44	-33.80	-2406.43	1670.70
665	109	777.74	2.28	7.87	19.10	-206.44	-316.03
	110	-777.74	-2.28	-7.87	-19.10	-541.09	532.78
666	108	797.53	1.60	-0.48	-10.32	344.12	-38.56
	109	-797.53	-1.60	0.48	10.32	-298.34	190.09
667	4	1260.74	4.24	-17.52	-13.64	472.47	476.54
	108	-1260.74	-4.24	17.52	13.64	1191.46	-73.61
668	107	1175.65	10.74	-19.43	-26.69	553.75	-550.95
	46	-1175.65	-10.74	19.43	26.69	1292.52	1571.04
669	106	700.16	2.17	-3.46	4.38	81.64	-302.97
	107	-700.16	-2.17	3.46	-4.38	247.38	509.41
670	105	736.40	1.65	-1.02	25.22	-87.49	-46.20
	106	-736.40	-1.65	1.02	-25.22	183.93	202.52
671	3	1200.28	4.18	12.92	26.03	-534.50	428.87
	105	-1200.28	-4.18	-12.92	-26.03	-693.10	-31.97
672	104	963.08	2.81	60.98	52.87	-1105.83	-239.23
	41	-963.08	-2.81	-60.98	-52.87	-4687.19	506.37
673	103	687.97	0.91	13.33	-22.29	-200.24	-132.90
	104	-687.97	-0.91	-13.33	22.29	-1066.15	218.95
674	102	677.74	0.80	-10.98	-21.02	1431.34	-30.98
	103	-677.74	-0.80	10.98	21.02	-388.14	106.93
675	1	849.16	1.33	-2.97	9.43	-776.87	120.29
	102	-849.16	-1.33	2.97	-9.43	1059.10	6.39
676	54	1.67e-016	-0.60	-6.94e-018	-3.72	0.00	-254.49
	57	-1.67e-016	0.60	6.94e-018	3.72	5.33e-015	-226.44
677	50	-1.11e-015	-6.66	1.21e-017	-65.31	-2.22e-015	-2475.92
	54	1.11e-015	6.66	-1.21e-017	65.31	-6.22e-015	-1154.08
678	47	-1.11e-015	17.28	0.00	-184.66	0.00	5308.17
	50	1.11e-015	-17.28	0.00	184.66	-3.55e-015	5233.68
679	53	4.44e-016	-0.87	0.00	31.65	2.66e-015	-382.03
	58	-4.44e-016	0.87	0.00	-31.65	1.33e-015	-312.77
680	49	0.00	-12.91	1.73e-018	-334.07	4.44e-015	-4166.17

	53	0.00	12.91	-1.73e-018	334.07	8.88e-015	-2868.97
681	46	8.88e-016	17.08	2.78e-017	-21.78	0.00	5007.70
	49	-8.88e-016	-17.08	-2.78e-017	21.78	0.00	5408.38
682	42	0.00	-8.86	-1.39e-017	-268.54	4.88e-015	-2980.94
	52	0.00	8.86	1.39e-017	268.54	7.99e-015	-1868.37
683	41	0.00	7.14	0.00	-497.97	3.55e-015	1924.17
	42	0.00	-7.14	0.00	497.97	3.55e-015	2429.58
684	53	-5.33e-015	-9.09	0.00	74.05	7.11e-015	-1496.59
	52	5.33e-015	9.09	0.00	-74.05	0.00	-2116.75
685	54	0.00	-32.29	-2.78e-017	164.61	0.00	-5655.74
	53	0.00	32.29	2.78e-017	-164.61	6.22e-015	-4030.40
686	55	-1.78e-015	21.25	0.00	87.57	-1.78e-015	4912.83
	54	1.78e-015	-21.25	0.00	-87.57	-7.11e-015	5501.45
687	57	3.55e-014	-16.59	-2.78e-017	102.83	-1.42e-014	-2900.53
	58	-3.55e-014	16.59	2.78e-017	-102.83	-1.07e-014	-2035.49
688	56	0.00	6.67	2.78e-017	-165.63	-7.11e-015	1189.88
	57	0.00	-6.67	-2.78e-017	165.63	-3.55e-015	1927.76
689	55	0.00	0.32	0.00	6.31	0.00	-155.88
	56	0.00	-0.32	0.00	-6.31	1.33e-015	412.32
690	51	0.00	-6.87	-4.68e-017	133.87	1.51e-014	-1844.88
	55	0.00	6.87	4.68e-017	-133.87	1.78e-015	-1936.56
691	48	0.00	7.52	0.00	569.33	0.00	2066.26
	51	0.00	-7.52	0.00	-569.33	0.00	2518.01
692	34	705.01	-1.66	-0.20	8.21	-31.34	-207.61
	77	-705.01	1.66	0.20	-8.21	101.10	-373.12
693	31	1029.83	-3.38	7.39e-002	8.21	-62.68	-433.32
	74	-1029.83	3.38	-7.39e-002	-8.21	36.82	-749.65
694	28	853.29	-1.08	-0.50	8.21	3.49	-186.54
	71	-853.29	1.08	0.50	-8.21	172.54	-192.69
695	25	1066.53	-3.19	-0.27	8.21	-23.00	-444.96
	68	-1066.53	3.19	0.27	-8.21	118.20	-671.86
696	22	1229.89	-0.26	1.93	8.21	-275.54	-132.65
	65	-1229.89	0.26	-1.93	-8.21	-399.73	41.51
697	19	1186.49	-1.51	-3.89	8.21	392.48	-298.17
	62	-1186.49	1.51	3.89	-8.21	970.33	-231.91
698	16	609.96	-0.85	6.19	8.21	-764.59	-246.10
	59	-609.96	0.85	-6.19	-8.21	-1402.73	-52.28
699	35	1201.70	3.88	-0.60	8.21	-6.27	428.09
	78	-1201.70	-3.88	0.60	-8.21	216.89	930.65
700	32	1779.12	6.08	-0.62	8.21	-3.95	651.98
	75	-1779.12	-6.08	0.62	-8.21	221.66	1476.22
701	29	1405.43	1.08	0.40	8.21	-121.04	61.96
	72	-1405.43	-1.08	-0.40	-8.21	-18.50	316.97
702	26	1779.67	-0.23	0.98	8.21	-187.65	-104.97
	69	-1779.67	0.23	-0.98	-8.21	-155.10	25.42
703	23	1867.57	-2.86	2.89	8.21	-406.66	-430.67
	66	-1867.57	2.86	-2.89	-8.21	-604.27	-569.71
704	20	1982.67	-1.44	-3.67	8.21	345.15	-289.99
	63	-1982.67	1.44	3.67	-8.21	937.62	-215.12
705	17	952.44	-3.32	5.13	8.21	-663.34	-529.46
	60	-952.44	3.32	-5.13	-8.21	-1130.70	-633.42

706	36	1591.08	0.93	1.94	8.21	-312.98	89.23
	79	-1591.08	-0.93	-1.94	-8.21	-366.40	235.67
707	33	2398.85	2.55	-0.42	8.21	-42.08	246.54
	76	-2398.85	-2.55	0.42	-8.21	189.19	644.69
708	30	1356.14	-2.57	-3.69	8.21	332.86	-357.09
	73	-1356.14	2.57	3.69	-8.21	958.16	-542.47
709	27	837.31	-2.25	-1.00	8.21	24.71	-337.00
	70	-837.31	2.25	1.00	-8.21	326.17	-450.45
710	24	927.61	-4.69	1.73	8.21	-289.21	-641.12
	67	-927.61	4.69	-1.73	-8.21	-317.65	-1001.33
711	21	896.73	-1.33	-2.01	8.21	140.12	-276.80
	64	-896.73	1.33	2.01	-8.21	562.87	-188.08
712	18	423.60	-4.62	3.75	8.21	-520.57	-678.28
	61	-423.60	4.62	-3.75	-8.21	-792.16	-938.64
713	39	2311.87	-0.37	-0.23	8.21	-95.58	-60.21
	82	-2311.87	0.37	0.23	-8.21	174.35	-70.83
714	38	3662.95	0.86	0.58	8.21	-187.61	52.50
	81	-3662.95	-0.86	-0.58	-8.21	-14.41	246.75
715	37	1358.53	0.30	-0.74	8.21	-36.38	-27.80
	80	-1358.53	-0.30	0.74	-8.21	295.75	132.88
716	45	2287.45	2.44	3.15	8.21	-518.13	262.55
	88	-2287.45	-2.44	-3.15	-8.21	-583.86	591.14
717	44	3496.87	-1.28	4.74	8.21	-701.06	-192.05
	87	-3496.87	1.28	-4.74	-8.21	-959.04	-254.82
718	43	2164.53	5.23e-002	-1.75	8.21	44.19	-56.24
	86	-2164.53	-5.23e-002	1.75	-8.21	569.41	74.53
719	40	788.06	-1.98	-2.17	8.21	92.43	-311.07
	83	-788.06	1.98	2.17	-8.21	668.35	-380.34
720	48	2184.37	2.29	-7.21	4.99	1688.18	470.50
	91	-2184.37	-2.29	7.21	-4.99	835.84	330.08
721	47	3567.29	6.75	3.72	8.00	-989.88	1231.44
	90	-3567.29	-6.75	-3.72	-8.00	-310.93	1131.01
722	46	3149.45	8.15	-0.27	8.00	-66.76	1353.97
	89	-3149.45	-8.15	0.27	-8.00	161.43	1499.57
723	41	1799.06	6.56	5.20	4.99	-1521.35	890.50
	84	-1799.06	-6.56	-5.20	-4.99	-298.47	1405.43
724	51	2052.36	3.69	-2.03	4.99	182.64	484.97
	94	-2052.36	-3.69	2.03	-4.99	526.34	807.96
725	50	3311.25	11.80	1.70	8.00	-329.80	1846.90
	93	-3311.25	-11.80	-1.70	-8.00	-264.05	2282.87
726	49	2991.39	5.48	-0.62	8.00	-5.65	839.70
	92	-2991.39	-5.48	0.62	-8.00	221.61	1077.40
727	42	1748.49	-4.11	0.32	4.99	-203.97	-498.27
	85	-1748.49	4.11	-0.32	-4.99	91.18	-941.39
728	55	2769.48	-23.48	12.32	15.98	-3404.05	-2530.46
	98	-2769.48	23.48	-12.32	-15.98	-907.08	-5686.93
729	54	4003.13	-9.93	4.68	8.00	-553.72	-1249.60
	97	-4003.13	9.93	-4.68	-8.00	-1083.86	-2225.25
730	53	2529.22	-15.32	-18.17	8.00	2716.33	-2138.71
	96	-2529.22	15.32	18.17	-8.00	3641.54	-3222.03
731	52	799.21	-4.10	-5.64	4.99	838.04	-821.22

	95	-799.21	4.10	5.64	-4.99	1135.11	-612.97
732	56	1338.27	19.48	4.26	4.99	-792.38	1802.94
	99	-1338.27	-19.48	-4.26	-4.99	-697.74	5014.82
733	57	2021.57	5.27	-2.93	8.00	313.84	291.85
	100	-2021.57	-5.27	2.93	-8.00	712.78	1554.20
734	58	865.62	8.17	-7.04	4.99	1011.43	632.18
	101	-865.62	-8.17	7.04	-4.99	1452.77	2228.07
735	15	883.08	-3.49	-3.83	4.75	400.59	-465.76
	58	-883.08	3.49	3.83	-4.75	1055.52	-859.33
736	14	1998.91	-3.35	-2.11	7.23	144.96	-449.67
	57	-1998.91	3.35	2.11	-7.23	655.16	-821.44
737	13	1344.62	-4.85	1.88	4.75	-309.58	-613.20
	56	-1344.62	4.85	-1.88	-4.75	-403.69	-1231.34
738	9	817.16	-4.03	-3.75	4.75	413.89	-545.20
	52	-817.16	4.03	3.75	-4.75	1010.60	-986.42
739	10	2564.46	-4.22	-9.23	7.23	1063.13	-571.09
	53	-2564.46	4.22	9.23	-7.23	2443.25	-1031.04
740	11	3955.65	-1.28	-2.21	7.23	193.91	-193.71
	54	-3955.65	1.28	2.21	-7.23	645.82	-292.14
741	12	2797.93	1.15	6.05	9.48	-985.30	133.31
	55	-2797.93	-1.15	-6.05	-9.48	-1314.14	305.44
742	2	1732.50	-0.38	0.24	4.75	-66.28	-90.97
	42	-1732.50	0.38	-0.24	-4.75	-25.46	-53.09
743	6	2961.41	1.45	-1.10	4.75	100.85	148.23
	49	-2961.41	-1.45	1.10	-4.75	317.94	402.51
744	7	3287.31	3.47	-0.68	4.75	48.53	408.82
	50	-3287.31	-3.47	0.68	-4.75	210.44	910.86
745	8	2037.98	0.69	-1.08	4.75	97.74	77.79
	51	-2037.98	-0.69	1.08	-4.75	311.55	184.84

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-0.10	-0.42	0.94	-0.43	-2.43	-2.88
	472	-3.43e-003	1.12	1.45	0.23	-1.25	-2.92
	473	-0.25	1.10	0.52	-2.17	-7.59	-4.48
	382	-0.35	-0.44	9.73e-003	1.29	-4.05	-4.44
105	378	0.13	-0.57	0.58	-0.20	-0.87	-1.77
	467	0.12	-0.68	5.50e-002	4.81e-002	-0.68	-1.78
	472	-0.12	-0.70	0.56	0.20	-2.68	-2.41
	381	-0.11	-0.58	1.09	-0.57	-1.68	-2.40
106	377	0.10	-1.03	0.57	-0.10	-0.30	-1.45
	466	5.51e-002	-1.68	0.17	5.13e-003	-0.27	-1.46
	467	5.87e-002	-1.68	8.22e-002	5.83e-002	-0.94	-1.69
	378	0.10	-1.03	0.48	-0.25	-0.62	-1.68
107	374	8.57e-002	-1.45	0.35	-4.84e-002	-0.10	-1.33
	465	2.88e-002	-2.32	7.95e-002	-1.94e-003	-9.50e-002	-1.33
	466	1.29e-002	-2.33	0.17	1.36e-002	-0.34	-1.42
	377	6.97e-002	-1.45	0.44	-0.12	-0.22	-1.41
108	373	8.74e-002	-1.76	0.25	-2.14e-002	-3.54e-002	-1.27
	464	2.07e-002	-2.79	6.64e-002	-1.71e-003	-3.24e-002	-1.28
	465	-1.52e-003	-2.79	9.18e-002	4.24e-003	-0.13	-1.32
	374	6.52e-002	-1.77	0.28	-5.27e-002	-7.86e-002	-1.31
109	370	8.54e-002	-1.96	0.12	-9.01e-003	-1.23e-002	-1.25
	459	1.23e-002	-3.08	1.97e-002	-8.73e-004	-1.11e-002	-1.26
	464	1.69e-003	-3.08	7.04e-002	1.68e-003	-4.63e-002	-1.27

	373	7.47e-002	-1.96	0.17	-2.25e-002	-2.70e-002	-1.27
110	369	8.20e-002	-2.04	-6.95e-004	-3.83e-003	-4.87e-003	-1.25
	458	6.43e-003	-3.20	-1.49e-002	-3.74e-004	-4.62e-003	-1.25
	459	4.71e-003	-3.20	2.63e-002	6.92e-004	-1.69e-002	-1.25
	370	8.03e-002	-2.04	4.05e-002	-9.23e-003	-9.43e-003	-1.25
111	366	7.66e-002	-2.00	-0.13	-1.86e-003	-3.59e-003	-1.24
	457	2.29e-003	-3.14	-5.47e-002	-1.58e-004	-4.05e-003	-1.24
	458	1.03e-002	-3.14	-9.12e-003	2.86e-004	-6.85e-003	-1.25
	369	8.46e-002	-2.00	-7.94e-002	-3.81e-003	-4.00e-003	-1.25
112	365	6.91e-002	-1.84	-0.25	-6.00e-004	-6.68e-003	-1.24
	456	-4.72e-005	-2.91	-9.02e-002	-1.59e-004	-7.70e-003	-1.24
	457	1.76e-002	-2.90	-4.89e-002	2.07e-004	-4.90e-003	-1.24
	366	8.68e-002	-1.84	-0.20	-1.66e-003	-3.71e-003	-1.24
113	303	6.04e-002	-1.57	-0.37	3.72e-003	-1.72e-002	-1.24
	453	8.37e-005	-2.50	-0.13	-3.70e-004	-1.78e-002	-1.24
	456	2.67e-002	-2.49	-8.38e-002	6.27e-004	-8.87e-003	-1.24
	365	8.70e-002	-1.57	-0.32	6.90e-005	-7.89e-003	-1.24
114	300	4.77e-002	-1.18	-0.48	2.23e-002	-4.40e-002	-1.24
	452	1.74e-004	-1.91	-0.16	4.81e-004	-4.10e-002	-1.24
	453	3.83e-002	-1.91	-0.13	2.91e-003	-2.26e-002	-1.24
	303	8.58e-002	-1.18	-0.45	5.86e-003	-2.16e-002	-1.24
115	299	4.77e-002	-0.67	-0.64	8.22e-002	-0.10	-1.24
	451	1.63e-002	-1.15	-0.24	1.55e-002	-0.10	-1.26
	452	4.97e-002	-1.15	-0.15	1.36e-002	-5.42e-002	-1.25
	300	8.11e-002	-0.67	-0.56	2.79e-002	-6.54e-002	-1.23
116	296	7.22e-002	-6.21e-002	-0.70	0.16	-0.11	-1.24
	450	6.31e-002	-0.20	-0.16	0.10	-0.28	-1.28
	451	7.80e-002	-0.20	-0.22	5.59e-002	-8.10e-002	-1.29
	299	8.71e-002	-6.11e-002	-0.76	8.24e-002	-0.22	-1.26
117	295	-0.17	0.61	-1.21	-0.72	4.73e-002	-1.06
	449	-0.14	1.04	-0.57	-0.32	-1.30	-0.74
	450	0.15	1.06	-0.15	6.95e-002	0.19	-1.17
	296	0.12	0.63	-0.80	-2.18e-002	-0.59	-1.49
118	245	-0.10	1.11	-0.27	6.11	-2.36	-2.87
	255	1.52e-002	2.88	-0.43	-26.21	-2.66	1.77
	449	-2.44e-002	2.88	-1.21	-2.04	3.21	3.47
	295	-0.14	1.11	-1.05	-2.27	2.63	-1.18
119	290	0.35	-0.21	1.10	0.13	-1.58	-2.87
	381	0.34	-0.39	1.07	-0.32	-2.04	-2.80
	382	-0.55	-0.45	0.14	-1.07	-3.33	-4.20
	293	-0.54	-0.27	0.18	1.04	-1.66	-4.28
120	289	0.15	-0.38	0.66	-2.70e-002	-0.45	-1.77
	378	0.13	-0.57	0.73	-0.21	-0.82	-1.75
	381	0.33	-0.55	1.22	0.26	-1.31	-2.27
	290	0.34	-0.37	1.15	-0.48	-0.98	-2.30
121	286	0.14	-0.49	0.71	-5.50e-002	-0.14	-1.43
	377	0.10	-1.03	0.70	-0.12	-0.27	-1.44
	378	0.10	-1.03	0.63	-1.34e-002	-0.51	-1.63
	289	0.14	-0.49	0.64	-0.24	-0.39	-1.61
122	285	0.14	-0.70	0.49	-3.53e-002	-4.56e-002	-1.31
	374	9.17e-002	-1.45	0.44	-5.77e-002	-9.10e-002	-1.32
	377	7.47e-002	-1.45	0.57	-3.77e-002	-0.18	-1.39
	286	0.12	-0.70	0.62	-0.12	-0.14	-1.37
123	265	0.14	-0.85	0.34	-1.74e-002	-1.44e-002	-1.26
	373	8.47e-002	-1.76	0.31	-2.56e-002	-3.06e-002	-1.27
	374	7.12e-002	-1.76	0.37	-2.34e-002	-6.30e-002	-1.30
	285	0.13	-0.85	0.40	-5.27e-002	-4.52e-002	-1.29

124	264	0.14	-0.95	0.16	-7.71e-003	-4.55e-003	-1.25
	370	7.84e-002	-1.96	0.14	-1.07e-002	-1.05e-002	-1.25
	373	7.20e-002	-1.96	0.23	-1.13e-002	-2.11e-002	-1.26
	265	0.14	-0.95	0.24	-2.21e-002	-1.48e-002	-1.26
125	263	0.14	-0.99	-1.06e-002	-3.44e-003	-1.78e-003	-1.25
	369	7.44e-002	-2.04	-1.24e-002	-4.30e-003	-4.09e-003	-1.25
	370	7.34e-002	-2.04	6.37e-002	-5.05e-003	-7.22e-003	-1.25
	264	0.14	-0.99	6.55e-002	-8.86e-003	-4.93e-003	-1.25
126	262	0.14	-0.97	-0.18	-1.86e-003	-1.78e-003	-1.24
	366	7.21e-002	-2.00	-0.17	-1.60e-003	-3.04e-003	-1.24
	369	7.69e-002	-2.00	-9.11e-002	-2.31e-003	-3.11e-003	-1.25
	263	0.14	-0.97	-0.10	-3.52e-003	-2.03e-003	-1.24
127	261	0.13	-0.89	-0.35	-1.08e-003	-4.24e-003	-1.24
	365	7.18e-002	-1.84	-0.33	3.81e-004	-5.89e-003	-1.24
	366	8.23e-002	-1.84	-0.25	-1.15e-003	-3.19e-003	-1.24
	262	0.14	-0.89	-0.28	-1.21e-003	-2.08e-003	-1.24
128	260	0.13	-0.76	-0.53	2.18e-003	-1.22e-002	-1.23
	303	7.35e-002	-1.57	-0.49	5.49e-003	-1.57e-002	-1.24
	365	8.97e-002	-1.57	-0.40	4.41e-004	-7.28e-003	-1.24
	261	0.14	-0.75	-0.45	1.26e-003	-5.03e-003	-1.24
129	259	0.12	-0.56	-0.69	2.08e-002	-3.60e-002	-1.22
	300	7.66e-002	-1.18	-0.63	2.37e-002	-4.16e-002	-1.23
	303	0.10	-1.18	-0.57	7.41e-003	-2.07e-002	-1.24
	260	0.14	-0.56	-0.63	9.83e-003	-1.43e-002	-1.23
130	258	0.11	-0.31	-0.91	0.11	-0.11	-1.19
	299	8.23e-002	-0.67	-0.84	7.88e-002	-9.39e-002	-1.23
	300	0.11	-0.66	-0.70	3.58e-002	-6.53e-002	-1.23
	259	0.13	-0.31	-0.77	4.56e-002	-3.77e-002	-1.19
131	257	0.12	-2.05e-003	-0.93	0.54	-0.36	-1.20
	296	0.12	-5.93e-002	-0.87	0.18	-0.10	-1.33
	299	0.12	-5.89e-002	-0.95	0.13	-0.23	-1.24
	258	0.13	-1.63e-003	-1.01	0.19	-7.88e-002	-1.11
132	256	0.20	0.24	-1.46	1.89	-0.93	-1.61
	295	0.22	0.64	-1.50	0.40	0.35	-1.98
	296	0.16	0.64	-0.97	0.29	-0.80	-1.40
	257	0.13	0.23	-0.92	0.78	-0.20	-1.03
133	235	-0.50	0.50	-0.47	18.56	5.79	-1.71
	245	-0.47	1.08	-0.35	-14.55	-2.18	-2.01
	295	0.25	1.13	-1.35	0.33	2.84	-1.47
	256	0.22	0.54	-1.47	2.40	-3.61	-1.16
134	471	0.49	3.15e-002	1.60	0.25	-0.29	-3.05
	290	0.47	-0.20	0.99	-6.02e-002	-1.05	-2.95
	293	-0.82	-0.29	0.26	-0.60	-1.21	-4.16
	200	-0.81	-5.26e-002	0.86	1.10	-0.13	-4.26
135	470	0.26	1.67e-002	0.84	7.76e-002	-6.95e-002	-1.83
	289	0.23	-0.38	0.80	-0.10	-0.35	-1.78
	290	0.46	-0.36	1.04	0.37	-0.67	-2.38
	471	0.49	3.15e-002	1.08	-0.26	-0.14	-2.42
136	229	0.25	1.64e-002	0.81	1.82e-002	-2.05e-002	-1.43
	286	0.22	-0.48	0.77	-7.21e-002	-0.11	-1.43
	289	0.23	-0.48	0.78	6.07e-002	-0.27	-1.64
	470	0.26	1.67e-002	0.81	-0.12	-6.10e-002	-1.65
137	469	0.25	1.66e-002	0.58	2.79e-003	-5.44e-003	-1.30
	285	0.21	-0.70	0.55	-3.84e-002	-3.40e-002	-1.30
	286	0.21	-0.70	0.68	-4.97e-003	-9.23e-002	-1.37
	229	0.25	1.64e-002	0.72	-5.10e-002	-2.29e-002	-1.37
138	468	0.26	1.67e-002	0.39	-3.04e-004	-1.39e-003	-1.26

	265	0.20	-0.85	0.37	-1.75e-002	-1.08e-002	-1.26
	285	0.20	-0.85	0.46	-1.21e-002	-2.96e-002	-1.29
	469	0.25	1.66e-002	0.48	-1.86e-002	-8.03e-003	-1.28
139	228	0.26	1.69e-002	0.19	-5.79e-004	-3.44e-004	-1.25
	264	0.20	-0.95	0.17	-7.32e-003	-3.39e-003	-1.25
	265	0.19	-0.95	0.28	-7.74e-003	-9.35e-003	-1.26
	468	0.26	1.67e-002	0.29	-6.44e-003	-2.75e-003	-1.25
140	463	0.26	1.69e-002	-1.51e-002	-4.96e-004	-1.35e-004	-1.24
	263	0.19	-0.99	-1.80e-002	-2.88e-003	-1.29e-003	-1.25
	264	0.19	-0.99	7.98e-002	-3.91e-003	-3.02e-003	-1.25
	228	0.26	1.69e-002	8.26e-002	-2.17e-003	-9.49e-004	-1.25
141	462	0.26	1.68e-002	-0.22	-6.68e-004	-2.25e-004	-1.24
	262	0.19	-0.97	-0.21	-6.97e-004	-1.25e-003	-1.24
	263	0.20	-0.97	-0.11	-1.88e-003	-1.28e-003	-1.24
	463	0.26	1.69e-002	-0.12	-6.54e-004	-3.81e-004	-1.24
142	227	0.26	1.66e-002	-0.42	-1.52e-003	-6.23e-004	-1.24
	261	0.20	-0.89	-0.40	1.86e-003	-3.05e-003	-1.24
	262	0.20	-0.89	-0.31	-8.87e-004	-1.49e-003	-1.24
	462	0.26	1.68e-002	-0.32	1.11e-004	-3.47e-004	-1.24
143	461	0.25	1.62e-002	-0.63	-4.08e-003	-1.76e-003	-1.23
	260	0.20	-0.75	-0.60	9.69e-003	-9.13e-003	-1.23
	261	0.21	-0.75	-0.50	4.60e-004	-3.80e-003	-1.24
	227	0.26	1.66e-002	-0.52	1.30e-003	-8.48e-004	-1.24
144	460	0.24	1.59e-002	-0.82	-1.16e-002	-5.04e-003	-1.20
	259	0.21	-0.55	-0.78	3.82e-002	-2.86e-002	-1.20
	260	0.21	-0.55	-0.70	6.14e-003	-1.06e-002	-1.23
	461	0.25	1.62e-002	-0.73	4.92e-003	-2.60e-003	-1.22
145	226	0.23	1.53e-002	-1.06	-3.33e-002	-1.51e-002	-1.10
	258	0.21	-0.30	-1.01	0.14	-0.10	-1.12
	259	0.22	-0.30	-0.87	3.18e-002	-2.58e-002	-1.20
	460	0.24	1.59e-002	-0.92	1.68e-002	-7.98e-003	-1.18
146	455	0.24	1.57e-002	-1.13	-4.71e-002	-3.88e-002	-0.77
	257	0.24	5.85e-003	-1.09	0.55	-0.34	-0.87
	258	0.23	5.44e-003	-1.11	0.15	-4.38e-002	-1.13
	226	0.23	1.53e-002	-1.16	6.08e-002	-3.00e-002	-1.03
147	454	0.48	3.15e-002	-1.52	0.45	6.09e-002	0.36
	256	0.50	0.26	-1.44	2.81	-0.79	-0.31
	257	0.26	0.24	-1.08	0.78	-0.25	-1.08
	455	0.24	1.57e-002	-1.17	0.33	-0.19	-0.42
148	197	-1.32	-8.57e-002	-1.25	31.19	5.08	3.34
	235	-1.28	0.45	-0.50	-2.83	5.91	-2.63
	256	0.52	0.56	-1.45	4.86	-3.48	-0.68
	454	0.48	3.15e-002	-2.20	2.98	-3.29	5.29
149	244	1.99e-003	1.32	0.63	-2.57	0.31	0.48
	254	4.44e-002	1.98	4.46e-002	-1.74	2.15	-4.15
	255	-4.43e-002	1.97	-3.32e-002	-28.45	-9.77	-4.06
	245	-8.67e-002	1.32	0.56	7.61	-5.76	0.57
150	243	8.43e-002	0.80	0.53	-0.19	-1.40	1.85
	253	0.11	1.18	0.15	0.16	-0.39	1.56
	254	-7.92e-003	1.17	0.23	-8.68e-002	-3.83	0.52
	244	-3.27e-002	0.79	0.62	-1.13	-1.48	0.81
151	242	6.40e-002	0.37	0.37	-1.04e-002	-0.48	1.94
	252	6.96e-002	0.46	8.72e-002	6.83e-002	-0.30	1.97
	253	6.22e-002	0.46	0.13	0.15	-1.15	1.74
	243	5.66e-002	0.37	0.41	-7.93e-002	-0.67	1.71
152	241	5.89e-002	9.20e-002	0.22	-1.06e-002	-0.15	2.04
	251	5.22e-002	-1.12e-002	5.19e-002	1.32e-002	-0.12	2.04

	252	3.91e-002	-1.20e-002	0.11	2.86e-002	-0.41	1.98
	242	4.58e-002	9.11e-002	0.28	-2.76e-002	-0.29	1.97
153	240	5.69e-002	-8.84e-002	9.33e-002	5.37e-003	-4.19e-002	2.08
	250	4.47e-002	-0.28	1.10e-002	1.40e-004	-2.44e-002	2.07
	251	3.50e-002	-0.28	5.65e-002	5.49e-003	-0.15	2.05
	241	4.71e-002	-8.90e-002	0.14	-2.05e-002	-0.11	2.05
154	239	5.16e-002	-0.14	-3.04e-002	4.70e-002	1.03e-002	2.06
	249	3.78e-002	-0.35	-2.15e-002	-5.42e-003	5.29e-002	2.06
	250	3.97e-002	-0.35	1.77e-002	3.35e-003	-4.95e-002	2.07
	240	5.36e-002	-0.14	8.73e-003	2.65e-003	-2.58e-002	2.08
155	238	5.40e-002	-6.11e-002	-0.18	0.15	8.37e-002	1.98
	248	4.24e-002	-0.24	-8.19e-002	-1.35e-002	0.20	1.96
	249	4.50e-002	-0.24	-1.39e-002	6.47e-003	4.23e-003	2.04
	239	5.67e-002	-6.09e-002	-0.11	4.75e-002	2.66e-002	2.06
156	237	7.17e-002	0.12	-0.28	0.41	0.30	1.73
	247	6.81e-002	6.98e-002	-6.44e-002	-1.62e-002	0.61	1.68
	248	6.25e-002	6.94e-002	-6.82e-002	1.87e-002	8.32e-002	1.91
	238	6.61e-002	0.12	-0.29	0.15	0.11	1.96
157	236	-7.26e-002	0.41	-0.62	0.86	0.99	1.10
	246	-5.73e-002	0.65	-0.30	8.68e-002	1.66	0.99
	247	0.11	0.66	-6.39e-002	5.22e-002	0.35	1.53
	237	9.11e-002	0.42	-0.39	0.41	0.36	1.64
158	433	-0.14	0.68	-0.18	1.04	3.06	7.06e-002
	443	-8.54e-002	1.59	-0.17	1.13	3.82	-0.17
	246	4.14e-003	1.59	-0.54	0.15	1.43	0.57
	236	-5.50e-002	0.68	-0.56	0.95	1.23	0.81
159	234	-1.05e-002	0.61	0.97	2.38	-5.01	0.49
	244	3.62e-002	1.32	0.92	2.12e-002	0.87	0.81
	245	-0.45	1.29	0.47	-15.83	-4.97	0.11
	235	-0.50	0.57	0.53	19.53	4.32	-0.21
160	233	0.12	0.36	0.52	0.73	-0.61	1.42
	243	0.15	0.80	0.60	8.41e-002	-1.54	1.78
	244	1.54e-003	0.79	0.91	0.60	-0.85	1.82
	234	-2.71e-002	0.35	0.83	1.40	-1.75	1.46
161	232	0.11	0.21	0.51	0.14	-0.19	1.83
	242	0.13	0.38	0.47	1.24e-002	-0.47	1.93
	243	0.12	0.38	0.48	0.19	-0.55	1.85
	233	0.11	0.21	0.51	0.27	-0.70	1.74
162	231	0.12	7.12e-002	0.29	1.79e-002	-7.09e-002	2.02
	241	0.12	0.10	0.27	-1.45e-002	-0.14	2.04
	242	0.11	0.10	0.38	4.88e-002	-0.25	1.97
	232	0.11	7.04e-002	0.40	-5.85e-003	-0.23	1.96
163	230	0.12	-1.49e-002	0.12	1.10e-002	-2.16e-002	2.09
	240	0.11	-8.48e-002	0.11	-4.63e-003	-4.05e-002	2.08
	241	0.11	-8.51e-002	0.19	1.06e-002	-9.01e-002	2.06
	231	0.11	-1.51e-002	0.20	-2.39e-002	-7.37e-002	2.06
164	477	0.11	-3.98e-002	-5.33e-002	4.49e-002	2.34e-003	2.10
	239	0.11	-0.14	-5.08e-002	2.30e-002	1.77e-003	2.08
	240	0.11	-0.14	2.40e-002	1.88e-002	-2.17e-002	2.08
	230	0.11	-3.98e-002	2.15e-002	6.36e-005	-2.26e-002	2.10
165	476	0.11	-5.85e-003	-0.26	0.14	3.14e-002	2.07
	238	0.11	-5.77e-002	-0.24	8.49e-002	5.33e-002	2.03
	239	0.11	-5.73e-002	-0.13	6.34e-002	2.14e-002	2.07
	477	0.12	-5.39e-003	-0.15	4.40e-002	-1.23e-003	2.10
166	475	0.12	9.10e-002	-0.35	0.43	0.11	1.95
	237	0.12	0.13	-0.34	0.24	0.21	1.85
	238	0.12	0.13	-0.35	0.19	9.03e-002	1.97

	476	0.12	9.07e-002	-0.36	0.15	2.67e-002	2.07
167	474	0.12	0.17	-0.73	1.22	0.45	1.55
	236	0.14	0.43	-0.80	0.68	0.80	1.28
	237	0.14	0.43	-0.45	0.51	0.26	1.68
	475	0.12	0.17	-0.37	0.44	0.10	1.95
168	423	-0.41	0.29	-0.24	2.19	2.57	0.39
	433	-0.39	0.66	-0.18	1.22	2.82	0.12
	236	0.15	0.70	-0.74	1.15	0.98	0.94
	474	0.13	0.33	-0.80	1.08	0.17	1.21
169	448	0.39	2.52e-002	1.62	3.14	-3.40	-5.87
	234	0.43	0.63	1.03	4.52	-4.38	-1.52e-002
	235	-1.28	0.52	0.50	-3.72	4.74	0.84
	197	-1.32	-8.57e-002	1.08	31.93	4.81	-5.02
170	225	0.25	1.63e-002	0.70	0.37	-0.23	0.82
	233	0.27	0.37	0.58	0.65	-0.52	1.44
	234	0.41	0.38	0.89	2.92	-1.35	0.16
	448	0.39	2.52e-002	1.00	0.13	-9.17e-002	-0.46
171	447	0.23	1.48e-002	0.59	7.18e-002	-4.36e-002	1.76
	232	0.24	0.22	0.56	7.99e-002	-0.13	1.85
	233	0.26	0.22	0.58	0.58	-0.58	1.40
	225	0.25	1.63e-002	0.60	-0.18	-0.10	1.31
172	224	0.24	1.53e-002	0.34	1.83e-002	-1.13e-002	2.02
	231	0.24	7.92e-002	0.32	-1.81e-004	-5.04e-002	2.03
	232	0.23	7.87e-002	0.46	0.13	-0.18	1.89
	447	0.23	1.48e-002	0.48	-8.30e-002	-3.60e-002	1.88
173	446	0.24	1.53e-002	0.14	6.20e-003	-2.52e-003	2.09
	230	0.23	-7.19e-003	0.13	1.67e-003	-1.71e-002	2.09
	231	0.23	-7.15e-003	0.23	3.13e-002	-5.29e-002	2.05
	224	0.24	1.53e-002	0.24	-2.84e-002	-1.23e-002	2.05
174	223	0.24	1.54e-002	-6.68e-002	7.30e-003	1.74e-003	2.12
	477	0.23	-3.20e-002	-6.73e-002	2.62e-002	-1.80e-003	2.11
	230	0.23	-3.21e-002	3.11e-002	1.86e-002	-1.55e-002	2.10
	446	0.24	1.53e-002	3.16e-002	-6.75e-003	-4.69e-003	2.10
175	445	0.23	1.52e-002	-0.30	2.11e-002	8.16e-003	2.12
	476	0.23	2.20e-003	-0.29	8.66e-002	1.23e-002	2.10
	477	0.24	2.42e-003	-0.16	4.57e-002	-2.58e-004	2.10
	223	0.24	1.54e-002	-0.17	5.59e-003	-2.85e-003	2.12
176	222	0.25	1.61e-002	-0.44	7.79e-002	2.75e-002	2.10
	475	0.25	0.10	-0.42	0.24	4.64e-002	2.05
	476	0.24	0.10	-0.39	0.14	2.20e-002	2.07
	445	0.23	1.52e-002	-0.41	2.30e-002	-4.39e-003	2.12
177	444	0.41	2.69e-002	-0.78	0.40	0.12	1.97
	474	0.42	0.18	-0.71	0.59	0.23	1.82
	475	0.26	0.17	-0.44	0.41	8.28e-002	1.95
	222	0.25	1.61e-002	-0.51	6.72e-002	-1.94e-002	2.10
178	193	-1.03	-6.67e-002	-0.78	3.27	0.87	1.14
	423	-1.01	0.25	-0.24	1.66	2.27	0.24
	474	0.43	0.35	-0.78	1.36	-0.18	1.35
	444	0.41	2.69e-002	-1.32	0.37	-0.26	2.25
229	432	-2.00e-003	0.61	0.65	0.57	-0.63	0.64
	442	3.12e-002	1.12	0.30	0.43	0.67	0.79
	443	-0.12	1.11	5.53e-002	-0.86	-1.91	0.29
	433	-0.15	0.60	0.40	2.30	0.22	0.14
230	431	0.10	0.10	0.48	0.22	-0.25	0.68
	441	0.10	0.11	9.06e-002	0.10	-7.58e-002	0.75
	442	-3.50e-002	0.10	0.27	0.15	-0.41	0.77
	432	-3.57e-002	8.81e-002	0.66	0.43	-0.22	0.69

231	430	8.51e-002	-0.33	0.34	6.35e-002	-7.14e-002	0.61
	440	6.59e-002	-0.63	7.04e-002	1.93e-002	-7.49e-002	0.64
	441	5.51e-002	-0.63	8.44e-002	1.77e-002	-9.20e-002	0.69
	431	7.43e-002	-0.33	0.36	0.17	-0.13	0.66
232	429	7.56e-002	-0.61	0.16	1.50e-002	-1.92e-002	0.61
	439	4.61e-002	-1.06	2.46e-002	2.85e-003	-2.72e-002	0.61
	440	3.77e-002	-1.06	9.18e-002	-3.54e-003	-3.50e-002	0.63
	430	6.72e-002	-0.61	0.23	4.29e-002	-5.54e-002	0.62
233	428	7.20e-002	-0.74	2.07e-002	6.23e-003	-3.89e-003	0.61
	438	3.86e-002	-1.25	-1.29e-002	-2.50e-004	-2.89e-003	0.61
	439	3.36e-002	-1.25	3.56e-002	-2.03e-003	-1.53e-002	0.61
	429	6.70e-002	-0.74	6.91e-002	8.59e-003	-1.84e-002	0.61
234	427	6.39e-002	-0.71	-0.12	1.40e-002	5.21e-003	0.60
	437	3.15e-002	-1.21	-4.98e-002	-2.33e-003	1.77e-002	0.60
	438	4.15e-002	-1.21	-4.09e-003	-1.23e-003	-6.47e-003	0.61
	428	7.39e-002	-0.71	-7.56e-002	4.73e-003	-2.51e-003	0.61
235	426	6.50e-002	-0.52	-0.29	4.54e-002	2.58e-002	0.57
	436	3.82e-002	-0.93	-0.11	-6.44e-003	6.53e-002	0.57
	437	4.96e-002	-0.93	-3.81e-002	-2.17e-003	-1.56e-003	0.59
	427	7.63e-002	-0.52	-0.21	1.43e-002	9.74e-003	0.60
236	425	7.36e-002	-0.19	-0.40	0.14	0.10	0.49
	435	5.91e-002	-0.41	-8.71e-002	-9.92e-003	0.21	0.47
	436	7.21e-002	-0.41	-8.86e-002	-3.71e-003	1.17e-002	0.55
	426	8.66e-002	-0.19	-0.40	4.58e-002	3.34e-002	0.57
237	424	-7.82e-002	0.29	-0.75	0.32	0.40	0.28
	434	-7.01e-002	0.41	-0.32	1.41e-002	0.59	0.23
	435	0.11	0.42	-9.31e-002	-3.74e-004	0.10	0.41
	425	0.11	0.30	-0.52	0.13	0.10	0.46
238	403	-0.14	0.79	-0.36	0.58	1.37	-0.11
	413	-8.84e-002	1.61	-0.14	-6.11e-002	1.45	-0.15
	434	8.14e-003	1.61	-0.49	7.00e-003	0.58	0.12
	424	-4.51e-002	0.80	-0.71	0.26	0.38	0.16
239	422	0.10	0.28	0.95	0.98	-1.05	0.27
	432	0.12	0.61	0.88	0.77	-0.62	0.59
	433	-0.40	0.58	0.40	0.15	0.50	0.38
	423	-0.42	0.25	0.48	3.01	1.37	6.38e-002
240	421	0.12	2.90e-002	0.48	0.35	-0.18	0.43
	431	0.12	0.10	0.56	0.29	-0.29	0.65
	432	9.11e-002	0.10	0.89	0.75	-0.14	0.63
	422	8.66e-002	2.69e-002	0.81	0.71	-0.22	0.41
241	420	0.12	-0.13	0.44	8.52e-002	-3.71e-002	0.56
	430	0.11	-0.33	0.42	7.39e-002	-7.24e-002	0.61
	431	0.10	-0.33	0.44	0.19	-0.14	0.59
	421	0.11	-0.13	0.45	0.16	-0.15	0.54
242	419	0.13	-0.28	0.21	1.85e-002	-1.03e-002	0.60
	429	0.11	-0.60	0.19	1.57e-002	-1.81e-002	0.61
	430	9.21e-002	-0.61	0.31	4.34e-002	-5.63e-002	0.60
	420	0.11	-0.28	0.32	2.83e-002	-5.30e-002	0.59
243	418	0.12	-0.34	1.74e-002	6.58e-003	-2.67e-003	0.61
	428	0.10	-0.74	1.33e-002	3.61e-003	-4.25e-003	0.61
	429	0.10	-0.74	0.10	9.89e-003	-1.80e-002	0.61
	419	0.12	-0.34	0.10	3.48e-003	-1.55e-002	0.60
244	417	0.12	-0.32	-0.18	1.31e-002	1.16e-003	0.61
	427	0.10	-0.71	-0.17	5.15e-003	1.97e-003	0.61
	428	0.10	-0.71	-8.30e-002	6.44e-003	-2.29e-003	0.61
	418	0.13	-0.32	-9.32e-002	2.79e-003	-3.41e-003	0.61
245	416	0.11	-0.23	-0.40	4.31e-002	7.74e-003	0.60

426	9.13e-002	-0.52	-0.38	1.81e-002	1.48e-002	0.59	
427	0.11	-0.52	-0.26	1.71e-002	8.88e-003	0.60	
417	0.13	-0.23	-0.28	1.23e-002	2.71e-003	0.61	
246	415	0.11 -5.92e-002	-0.51	0.14	3.41e-002	0.55	
	425	0.10	-0.19	-0.50	6.02e-002	6.94e-002	0.53
	426	0.11	-0.19	-0.50	5.37e-002	2.86e-002	0.57
	416	0.12 -5.82e-002	-0.52	4.38e-002	1.39e-002	0.60	
247	414	0.11	0.12	-0.91	0.46	0.18	0.40
	424	0.13	0.30	-0.99	0.18	0.32	0.31
	425	0.13	0.30	-0.61	0.16	7.12e-002	0.47
	415	0.12	0.12	-0.53	0.14	3.93e-002	0.55
248	393	-0.44	0.34	-0.44	1.02	1.14	-0.12
	403	-0.41	0.77	-0.36	0.15	1.26	-0.21
	424	0.16	0.81	-0.95	0.35	0.30	0.18
	414	0.13	0.38	-1.03	0.34	1.09e-003	0.27
249	383	0.41	2.65e-002	1.50	0.51	-0.39	-0.68
	422	0.43	0.30	0.97	1.05	-0.97	0.14
	423	-1.01	0.21	0.48	0.94	1.32	0.33
	193	-1.03 -6.67e-002	1.00	3.88	0.66	-0.50	
250	221	0.26	1.71e-002	0.68	9.29e-002	-4.44e-002	0.30
	421	0.26	3.84e-002	0.55	0.27	-0.13	0.41
	422	0.41	4.79e-002	0.83	0.70	-0.21	0.14
	383	0.41	2.65e-002	0.96	8.72e-002	-1.06e-002	2.84e-002
251	380	0.24	1.57e-002	0.52	2.61e-002	-1.03e-002	0.52
	420	0.23	-0.13	0.48	6.36e-002	-2.37e-002	0.55
	421	0.25	-0.12	0.53	0.23	-0.13	0.44
	221	0.26	1.71e-002	0.57	-4.09e-002	-2.02e-002	0.41
252	220	0.25	1.61e-002	0.25	6.69e-003	-2.32e-003	0.59
	419	0.23	-0.27	0.23	1.28e-002	-6.95e-003	0.60
	420	0.22	-0.27	0.37	6.37e-002	-4.22e-002	0.56
	380	0.24	1.57e-002	0.39	-2.38e-002	-8.24e-003	0.55
253	379	0.25	1.61e-002	1.91e-002	2.03e-003	-4.24e-004	0.61
	418	0.22	-0.33	1.27e-002	3.68e-003	-2.18e-003	0.61
	419	0.23	-0.33	0.12	1.65e-002	-1.17e-002	0.60
	220	0.25	1.61e-002	0.13	-8.28e-003	-2.63e-003	0.60
254	219	0.25	1.61e-002	-0.22	2.13e-003	4.05e-004	0.61
	417	0.23	-0.32	-0.21	6.66e-003	-1.19e-004	0.61
	418	0.23	-0.32	-0.10	6.90e-003	-2.34e-003	0.61
	379	0.25	1.61e-002	-0.11	-1.99e-003	-8.08e-004	0.61
255	376	0.24	1.56e-002	-0.49	7.44e-003	1.97e-003	0.61
	416	0.22	-0.23	-0.46	2.08e-002	2.10e-003	0.61
	417	0.23	-0.23	-0.31	1.27e-002	2.48e-003	0.61
	219	0.25	1.61e-002	-0.34	1.21e-003	-3.36e-004	0.61
256	218	0.26	1.68e-002	-0.65	3.42e-002	8.37e-003	0.60
	415	0.25	-4.96e-002	-0.61	6.00e-002	1.22e-002	0.59
	416	0.24	-5.07e-002	-0.57	4.07e-002	1.23e-002	0.60
	376	0.24	1.56e-002	-0.61	5.71e-003	-5.67e-004	0.61
257	375	0.44	2.87e-002	-1.05	0.17	4.03e-002	0.53
	414	0.45	0.14	-0.92	0.13	9.30e-002	0.49
	415	0.27	0.13	-0.63	0.13	3.68e-002	0.56
	218	0.26	1.68e-002	-0.76	1.55e-002	-2.55e-003	0.60
258	190	-1.10	-7.17e-002	-1.03	1.46	0.35	0.11
	393	-1.08	0.30	-0.43	0.46	0.96	-0.22
	414	0.47	0.40	-1.03	0.46	-0.11	0.31
	375	0.44	2.87e-002	-1.63	0.13	-8.84e-002	0.64
259	402	-4.22e-002	0.86	0.62	0.38	0.96	-9.97e-001
	412	1.43e-002	1.73	0.45	-2.41e-002	0.89	-0.97

	413	-8.11e-002	1.72	0.12	0.37	2.93	-0.39
	403	-0.14	0.85	0.29	0.28	2.09	-0.41
260	401	9.14e-002	0.50	0.45	0.19	0.30	-1.52
	411	0.11	0.76	8.96e-002	6.26e-003	0.27	-1.48
	412	-4.92e-002	0.75	0.30	-5.74e-003	1.15	-1.16
	402	-6.63e-002	0.49	0.66	0.42	0.74	-1.20
261	400	6.86e-002	0.13	0.34	7.53e-002	0.10	-1.70
	410	6.55e-002	8.50e-002	8.23e-002	4.40e-003	7.71e-002	-1.68
	411	6.46e-002	8.50e-002	8.58e-002	-1.55e-002	0.41	-1.55
	401	6.78e-002	0.13	0.34	0.20	0.24	-1.58
262	399	6.03e-002	-0.11	0.17	2.31e-002	2.33e-002	-1.76
	409	4.71e-002	-0.31	3.14e-002	2.26e-003	8.60e-003	-1.75
	410	3.97e-002	-0.31	0.10	-7.89e-003	0.14	-1.71
	400	5.29e-002	-0.11	0.23	7.88e-002	7.23e-002	-1.72
263	398	5.80e-002	-0.24	4.51e-002	-3.67e-003	-2.00e-002	-1.77
	408	4.08e-002	-0.51	-2.60e-003	1.91e-003	-3.87e-002	-1.77
	409	3.44e-002	-0.51	3.90e-002	-3.01e-003	3.75e-002	-1.76
	399	5.16e-002	-0.24	8.67e-002	2.43e-002	1.12e-002	-1.77
264	397	5.19e-002	-0.24	-8.27e-002	-2.20e-002	-8.64e-002	-1.75
	407	3.46e-002	-0.51	-3.83e-002	3.76e-003	-0.12	-1.75
	408	4.06e-002	-0.51	3.73e-003	4.52e-004	-2.05e-002	-1.77
	398	5.79e-002	-0.24	-4.06e-002	-8.86e-004	-3.22e-002	-1.77
265	396	5.29e-002	-0.11	-0.23	-3.00e-002	-0.25	-1.68
	406	3.95e-002	-0.32	-0.10	1.85e-002	-0.34	-1.68
	407	4.69e-002	-0.32	-3.09e-002	9.67e-003	-0.10	-1.74
	397	6.03e-002	-0.11	-0.16	-1.29e-002	-0.12	-1.73
266	395	6.70e-002	0.12	-0.34	-4.44e-002	-0.62	-1.47
	405	6.35e-002	7.06e-002	-8.70e-002	0.11	-0.94	-1.50
	406	6.50e-002	7.07e-002	-8.06e-002	5.02e-002	-0.27	-1.67
	396	6.84e-002	0.12	-0.34	-7.46e-003	-0.38	-1.65
267	394	-6.12e-002	0.48	-0.65	-0.55	-1.46	-0.79
	404	-4.49e-002	0.73	-0.29	0.14	-3.02	-0.69
	405	0.11	0.74	-9.19e-002	0.16	-0.47	-1.41
	395	9.05e-002	0.49	-0.45	-5.34e-002	-1.11	-1.51
268	353	-0.12	0.85	-0.31	4.79	-4.35	0.37
	363	-6.58e-002	1.67	-0.11	-14.36	-8.48	2.50
	404	1.69e-002	1.68	-0.42	-0.55	0.76	1.68
	394	-3.67e-002	0.85	-0.61	-1.08	-1.05	-0.44
269	392	0.11	0.40	0.90	0.38	0.36	-1.12
	402	0.14	0.87	0.83	0.47	0.81	-1.05
	403	-0.41	0.83	0.28	0.36	1.84	-0.41
	393	-0.44	0.36	0.35	0.85	1.45	-0.48
270	391	0.12	0.20	0.45	0.17	0.13	-1.63
	401	0.14	0.50	0.52	0.23	0.25	-1.54
	402	0.11	0.50	0.88	0.19	0.60	-1.27
	392	9.31e-002	0.20	0.80	0.58	0.38	-1.36
271	390	0.12	0.10	0.44	6.57e-002	3.67e-002	-1.75
	400	0.12	0.14	0.42	9.25e-002	8.31e-002	-1.71
	401	0.12	0.14	0.42	8.99e-002	0.18	-1.62
	391	0.12	0.10	0.43	0.22	0.12	-1.67
272	389	0.12	-2.88e-002	0.22	1.91e-002	4.83e-003	-1.78
	399	0.11	-0.10	0.20	3.31e-002	2.05e-002	-1.77
	400	0.10	-0.11	0.32	3.60e-002	5.28e-002	-1.74
	390	0.11	-2.95e-002	0.34	7.75e-002	3.65e-002	-1.76
273	388	0.12	-9.10e-002	5.33e-002	-6.17e-003	-1.59e-002	-1.78
	398	0.11	-0.24	4.57e-002	9.15e-003	-1.62e-002	-1.78
	399	0.10	-0.24	0.12	8.18e-003	5.73e-003	-1.78

	389	0.11	-9.12e-002	0.13	2.46e-002	5.96e-003	-1.78
274	387	0.11	-9.22e-002	-0.13	-2.63e-002	-5.84e-002	-1.75
	397	0.10	-0.24	-0.12	5.11e-003	-7.31e-002	-1.75
	398	0.11	-0.24	-4.01e-002	-8.37e-003	-3.06e-002	-1.77
	388	0.12	-9.20e-002	-4.84e-002	4.07e-003	-1.56e-002	-1.78
275	386	0.11	-3.23e-002	-0.33	-2.69e-002	-0.18	-1.66
	396	0.10	-0.11	-0.31	3.85e-002	-0.21	-1.67
	397	0.11	-0.11	-0.20	-1.71e-002	-0.11	-1.74
	387	0.12	-3.16e-002	-0.22	7.99e-003	-5.73e-002	-1.73
276	385	0.12	9.04e-002	-0.43	0.12	-0.55	-1.45
	395	0.12	0.13	-0.41	0.19	-0.52	-1.52
	396	0.12	0.13	-0.42	4.02e-003	-0.36	-1.64
	386	0.12	9.03e-002	-0.44	9.24e-002	-0.17	-1.57
277	384	8.68e-002	0.20	-0.80	0.81	-1.32	-0.98
	394	0.11	0.49	-0.87	0.75	-0.99	-1.28
	395	0.14	0.49	-0.52	0.11	-1.18	-1.47
	385	0.12	0.20	-0.45	0.51	-0.55	-1.18
278	343	-0.43	0.36	-0.36	10.66	1.86	0.74
	353	-0.40	0.83	-0.29	-7.50	-3.52	0.42
	394	0.13	0.86	-0.83	0.27	-0.66	-0.59
	384	0.10	0.39	-0.90	1.66	-3.39	-0.27
279	372	0.41	2.64e-002	1.43	0.10	-6.26e-002	-1.52
	392	0.43	0.42	0.90	0.55	0.13	-1.16
	393	-1.08	0.32	0.36	0.58	1.21	-0.42
	190	-1.10	-7.17e-002	0.89	1.36	0.41	-0.77
280	217	0.25	1.62e-002	0.61	9.45e-003	5.88e-003	-1.68
	391	0.26	0.21	0.53	0.18	0.10	-1.63
	392	0.42	0.22	0.80	0.14	0.23	-1.45
	372	0.41	2.64e-002	0.89	0.22	7.54e-002	-1.50
281	371	0.23	1.52e-002	0.51	4.53e-003	1.90e-003	-1.77
	390	0.24	0.10	0.48	6.53e-002	2.86e-002	-1.75
	391	0.25	0.10	0.51	7.52e-002	6.96e-002	-1.70
	217	0.25	1.62e-002	0.53	5.86e-002	2.27e-002	-1.72
282	216	0.24	1.55e-002	0.27	7.17e-005	-6.74e-004	-1.79
	389	0.24	-2.12e-002	0.25	2.36e-002	4.24e-003	-1.78
	390	0.23	-2.15e-002	0.38	3.14e-002	2.10e-002	-1.77
	371	0.23	1.52e-002	0.40	1.89e-002	7.37e-003	-1.78
283	368	0.24	1.54e-002	6.00e-002	-7.03e-003	-3.26e-003	-1.79
	388	0.23	-8.36e-002	5.35e-002	1.03e-002	-1.06e-002	-1.78
	389	0.23	-8.35e-002	0.15	8.96e-003	2.28e-003	-1.79
	216	0.24	1.55e-002	0.16	6.68e-003	1.78e-003	-1.79
284	215	0.24	1.55e-002	-0.15	-2.41e-002	-9.85e-003	-1.75
	387	0.23	-8.45e-002	-0.15	2.13e-002	-4.13e-002	-1.75
	388	0.23	-8.46e-002	-4.81e-002	-3.57e-003	-1.24e-002	-1.78
	368	0.24	1.54e-002	-5.21e-002	5.00e-003	-1.76e-003	-1.78
285	367	0.23	1.52e-002	-0.39	-6.87e-002	-2.91e-002	-1.61
	386	0.23	-2.43e-002	-0.37	0.10	-0.14	-1.62
	387	0.24	-2.40e-002	-0.24	-5.81e-003	-4.14e-002	-1.73
	215	0.24	1.55e-002	-0.26	1.41e-002	-8.85e-003	-1.72
286	214	0.25	1.62e-002	-0.52	-0.15	-7.74e-002	-1.17
	385	0.25	0.10	-0.50	0.42	-0.43	-1.23
	386	0.24	0.10	-0.48	4.53e-002	-0.12	-1.58
	367	0.23	1.52e-002	-0.50	5.51e-002	-3.41e-002	-1.52
287	364	0.40	2.61e-002	-0.88	-1.05e-003	-0.10	0.16
	384	0.41	0.22	-0.80	1.86	-1.01	-0.21
	385	0.26	0.21	-0.52	0.40	-0.44	-1.18
	214	0.25	1.62e-002	-0.61	0.25	-0.16	-0.81

288	187	-1.09	-7.08e-002	-0.88	16.96	2.49	3.32
	343	-1.06	0.32	-0.36	-1.23	2.29	0.13
	384	0.43	0.41	-0.90	2.61	-2.90	6.55e-002
	364	0.40	2.61e-002	-1.42	1.82	-1.88	3.26
329	352	-5.83e-002	0.76	0.73	-0.41	1.03	1.43
	362	-3.09e-003	1.61	0.56	-0.95	1.12	-0.31
	363	-6.99e-002	1.61	0.18	-11.52	-0.21	0.54
	353	-0.13	0.76	0.35	3.24	-0.11	2.27
330	351	0.11	0.24	0.52	0.14	-0.31	1.29
	361	0.11	0.32	8.53e-002	0.10	-2.47e-002	1.33
	362	-8.81e-002	0.31	0.33	-6.21e-003	-0.38	1.30
	352	-9.34e-002	0.22	0.77	0.40	-3.59e-002	1.26
331	350	9.45e-002	-0.28	0.41	5.11e-002	-8.25e-002	1.23
	360	7.66e-002	-0.56	8.41e-002	2.24e-002	-6.03e-002	1.26
	361	5.71e-002	-0.56	7.75e-002	4.84e-003	-0.10	1.28
	351	7.50e-002	-0.28	0.41	0.16	-0.10	1.26
332	349	8.23e-002	-0.63	0.21	1.27e-002	-1.97e-002	1.23
	359	5.18e-002	-1.10	3.24e-002	3.62e-003	-2.22e-002	1.23
	360	4.13e-002	-1.10	0.11	-4.38e-003	-3.63e-002	1.24
	350	7.17e-002	-0.63	0.29	3.89e-002	-4.60e-002	1.24
333	348	7.93e-002	-0.82	6.38e-002	5.76e-003	-2.63e-003	1.23
	358	4.31e-002	-1.38	-1.57e-003	-1.59e-004	-6.52e-006	1.23
	359	3.37e-002	-1.38	4.69e-002	-2.10e-003	-1.46e-002	1.23
	349	6.99e-002	-0.82	0.11	7.28e-003	-1.52e-002	1.23
334	347	7.12e-002	-0.84	-8.76e-002	1.40e-002	8.08e-003	1.22
	357	3.46e-002	-1.40	-4.10e-002	-2.68e-003	2.29e-002	1.22
	358	4.17e-002	-1.40	8.17e-003	-2.01e-003	-6.03e-003	1.23
	348	7.84e-002	-0.84	-3.84e-002	4.31e-003	-4.23e-004	1.23
335	346	7.34e-002	-0.67	-0.26	4.71e-002	3.51e-002	1.19
	356	4.17e-002	-1.16	-0.10	-8.36e-003	8.19e-002	1.18
	357	5.01e-002	-1.16	-2.66e-002	-5.04e-003	-1.97e-003	1.21
	347	8.19e-002	-0.67	-0.19	1.41e-002	1.38e-002	1.22
336	345	7.82e-002	-0.35	-0.38	0.15	0.14	1.09
	355	5.81e-002	-0.66	-7.44e-002	-1.88e-002	0.27	1.07
	356	7.43e-002	-0.66	-7.65e-002	-1.31e-002	9.82e-003	1.16
	346	9.44e-002	-0.35	-0.39	4.59e-002	4.64e-002	1.18
337	344	-7.72e-002	0.13	-0.74	0.37	0.52	0.81
	354	-7.49e-002	0.16	-0.32	-8.59e-003	0.81	0.76
	355	0.11	0.18	-8.19e-002	-2.89e-002	9.30e-002	1.00
	345	0.11	0.14	-0.50	0.13	0.14	1.05
338	323	-0.15	0.65	-0.35	0.42	1.73	0.20
	333	-0.11	1.40	-0.14	0.22	2.16	0.14
	354	5.98e-003	1.41	-0.49	-6.18e-002	0.56	0.58
	344	-4.28e-002	0.66	-0.70	0.27	0.51	0.64
339	342	0.16	0.36	1.05	1.28	-1.87	1.12
	352	0.19	0.78	0.98	0.60	0.96	1.48
	353	-0.40	0.74	0.36	-6.10	-0.15	1.90
	343	-0.43	0.32	0.44	9.63	3.25	1.55
340	341	0.11	0.10	0.54	0.43	-9.37e-002	1.04
	351	0.12	0.24	0.62	0.23	-0.32	1.26
	352	0.15	0.24	1.02	0.12	-3.18e-002	1.44
	342	0.14	0.10	0.94	1.38	-0.38	1.23
341	340	0.12	-0.10	0.52	9.37e-002	-1.05e-002	1.18
	350	0.11	-0.28	0.51	6.07e-002	-8.05e-002	1.23
	351	8.91e-002	-0.28	0.50	0.14	-0.11	1.24
	341	0.10	-0.10	0.51	0.19	-0.19	1.19
342	339	0.13	-0.29	0.27	1.89e-002	-3.03e-003	1.22

349	0.11	-0.63	0.25	1.27e-002	-1.83e-002	1.23	
350	8.76e-002	-0.63	0.38	3.74e-002	-4.77e-002	1.22	
340	0.11	-0.29	0.40	2.52e-002	-5.78e-002	1.21	
343	338	0.13	-0.38	7.38e-002	6.58e-003	-4.02e-004	1.23
	348	0.10	-0.82	6.72e-002	2.35e-003	-3.16e-003	1.23
	349	9.33e-002	-0.82	0.16	8.80e-003	-1.50e-002	1.23
	339	0.12	-0.38	0.16	1.51e-003	-1.54e-002	1.23
344	337	0.12	-0.39	-0.13	1.38e-002	3.12e-003	1.23
	347	9.38e-002	-0.83	-0.13	2.89e-003	4.10e-003	1.22
	348	0.10	-0.83	-3.51e-002	5.99e-003	-1.87e-004	1.23
	338	0.13	-0.39	-4.13e-002	1.95e-003	-2.27e-003	1.23
345	336	0.11	-0.31	-0.37	4.65e-002	1.33e-002	1.21
	346	8.76e-002	-0.67	-0.35	1.13e-002	2.15e-002	1.20
	347	0.10	-0.67	-0.22	1.64e-002	1.32e-002	1.22
	337	0.13	-0.31	-0.24	1.11e-002	5.49e-003	1.23
346	335	0.10	-0.14	-0.48	0.15	5.39e-002	1.15
	345	8.78e-002	-0.35	-0.47	3.89e-002	9.28e-002	1.13
	346	0.11	-0.35	-0.47	5.23e-002	4.27e-002	1.18
	336	0.12	-0.14	-0.48	4.01e-002	2.24e-002	1.21
347	334	0.13	4.87e-002	-0.89	0.52	0.25	0.94
	344	0.14	0.14	-0.98	0.12	0.41	0.86
	345	0.12	0.14	-0.59	0.16	0.12	1.06
	335	0.11	4.75e-002	-0.50	0.13	6.85e-002	1.14
348	313	-0.46	0.26	-0.43	0.88	1.27	0.23
	323	-0.43	0.63	-0.36	0.33	1.55	0.13
	344	0.17	0.67	-0.95	0.35	0.39	0.66
	334	0.15	0.30	-1.02	0.30	0.10	0.76
349	302	0.46	2.97e-002	1.65	1.61	-1.24	-1.86
	342	0.48	0.38	1.05	2.21	-1.92	0.97
	343	-1.07	0.28	0.44	-0.28	3.10	1.95
	187	-1.09	-7.08e-002	1.04	15.66	2.27	-0.87
350	213	0.26	1.69e-002	0.79	0.10	-3.73e-002	0.90
	341	0.27	0.11	0.64	0.35	-1.87e-002	1.03
	342	0.46	0.12	0.94	0.90	-0.43	0.66
	302	0.46	2.97e-002	1.08	3.26e-002	-4.48e-002	0.53
351	301	0.24	1.58e-002	0.62	2.44e-002	-6.95e-003	1.15
	340	0.24	-9.48e-002	0.57	7.26e-002	2.58e-003	1.18
	341	0.25	-9.36e-002	0.62	0.27	-0.17	1.04
	213	0.26	1.69e-002	0.67	-6.90e-002	-2.80e-002	1.01
352	212	0.25	1.63e-002	0.33	5.58e-003	-1.30e-003	1.21
	339	0.23	-0.28	0.30	1.30e-002	1.44e-005	1.22
	340	0.22	-0.28	0.45	6.29e-002	-4.80e-002	1.18
	301	0.24	1.58e-002	0.48	-2.89e-002	-9.61e-003	1.17
353	298	0.25	1.63e-002	8.81e-002	2.01e-003	-8.83e-005	1.23
	338	0.22	-0.37	7.57e-002	2.90e-003	-2.21e-004	1.23
	339	0.23	-0.37	0.19	1.50e-002	-1.19e-002	1.22
	212	0.25	1.63e-002	0.20	-9.08e-003	-2.73e-003	1.22
354	211	0.25	1.63e-002	-0.16	3.33e-003	7.36e-004	1.23
	337	0.23	-0.38	-0.16	4.50e-003	1.26e-003	1.23
	338	0.22	-0.38	-3.93e-002	6.22e-003	-1.52e-003	1.23
	298	0.25	1.63e-002	-4.59e-002	-2.25e-003	-6.71e-004	1.23
355	297	0.24	1.58e-002	-0.44	1.21e-002	2.95e-003	1.22
	336	0.22	-0.30	-0.41	1.38e-002	5.78e-003	1.22
	337	0.23	-0.30	-0.26	1.21e-002	4.68e-003	1.23
	211	0.25	1.63e-002	-0.29	5.25e-004	4.29e-005	1.23
356	210	0.26	1.72e-002	-0.63	5.03e-002	1.18e-002	1.19
	335	0.26	-0.13	-0.58	3.72e-002	2.52e-002	1.18

	336	0.23	-0.13	-0.53	3.95e-002	1.90e-002	1.21
	297	0.24	1.58e-002	-0.58	3.40e-003	6.50e-004	1.22
357	294	0.46	2.97e-002	-1.04	0.20	4.90e-002	1.05
	334	0.46	6.99e-002	-0.89	5.66e-002	0.13	1.02
	335	0.27	5.74e-002	-0.60	0.13	6.09e-002	1.14
	210	0.26	1.72e-002	-0.75	6.21e-003	2.90e-003	1.17
358	181	-1.14	-7.39e-002	-1.03	1.31	0.34	0.47
	313	-1.12	0.22	-0.43	0.58	1.05	0.15
	334	0.48	0.32	-1.01	0.45	-5.03e-002	0.78
	294	0.46	2.97e-002	-1.62	0.11	-5.72e-002	1.10
359	322	-4.22e-002	0.70	0.67	0.32	0.69	-0.54
	332	1.06e-002	1.51	0.49	1.43e-003	0.76	-0.51
	333	-0.10	1.50	0.13	0.11	2.15	-9.42e-002
	323	-0.15	0.69	0.32	0.47	1.71	-0.12
360	321	0.10	0.29	0.50	0.16	0.20	-0.94
	331	0.11	0.44	0.10	9.17e-003	0.20	-0.90
	332	-5.95e-002	0.43	0.32	1.20e-002	0.86	-0.65
	322	-6.96e-002	0.27	0.72	0.36	0.57	-0.69
361	320	7.66e-002	-0.13	0.39	6.35e-002	6.61e-002	-1.09
	330	6.47e-002	-0.32	9.50e-002	3.35e-003	4.91e-002	-1.07
	331	6.00e-002	-0.32	9.45e-002	-1.01e-002	0.31	-0.96
	321	7.19e-002	-0.13	0.39	0.17	0.17	-0.98
362	319	6.84e-002	-0.42	0.21	1.95e-002	1.63e-002	-1.14
	329	4.48e-002	-0.79	4.31e-002	1.24e-003	3.91e-003	-1.13
	330	3.40e-002	-0.79	0.11	-6.66e-003	0.11	-1.09
	320	5.77e-002	-0.42	0.28	6.53e-002	5.00e-002	-1.10
363	318	6.66e-002	-0.60	8.67e-002	-9.39e-004	-1.28e-002	-1.14
	328	3.76e-002	-1.05	9.70e-003	1.07e-003	-2.60e-002	-1.14
	329	2.77e-002	-1.05	5.13e-002	-2.51e-003	2.82e-002	-1.13
	319	5.67e-002	-0.60	0.13	2.00e-002	7.69e-003	-1.14
364	317	6.10e-002	-0.65	-4.44e-002	-1.29e-002	-5.74e-002	-1.13
	327	3.06e-002	-1.11	-2.73e-002	2.07e-003	-8.10e-002	-1.13
	328	3.35e-002	-1.11	1.64e-002	4.89e-004	-1.22e-002	-1.14
	318	6.39e-002	-0.65	-6.91e-004	1.05e-003	-2.08e-002	-1.14
365	316	6.05e-002	-0.55	-0.19	-1.32e-002	-0.17	-1.08
	326	3.28e-002	-0.98	-8.36e-002	1.00e-002	-0.22	-1.09
	327	3.94e-002	-0.98	-1.93e-002	7.38e-003	-6.73e-002	-1.12
	317	6.71e-002	-0.55	-0.13	-5.94e-003	-7.75e-002	-1.12
366	315	7.11e-002	-0.34	-0.30	4.55e-003	-0.43	-0.96
	325	5.19e-002	-0.64	-7.63e-002	6.49e-002	-0.62	-0.98
	326	5.50e-002	-0.64	-6.92e-002	3.65e-002	-0.19	-1.08
	316	7.42e-002	-0.34	-0.30	5.68e-003	-0.25	-1.06
367	314	-4.68e-002	-7.91e-003	-0.59	-0.20	-1.05	-0.56
	324	-4.91e-002	-4.36e-002	-0.26	0.12	-1.97	-0.53
	325	9.11e-002	-3.45e-002	-7.60e-002	0.12	-0.35	-0.94
	315	9.34e-002	1.20e-003	-0.40	1.82e-002	-0.74	-0.97
368	277	-8.01e-002	0.36	-0.28	3.32	-2.95	0.22
	283	-4.83e-002	0.84	-0.13	-8.48	-5.57	1.38
	324	8.81e-003	0.85	-0.41	-0.23	0.35	0.85
	314	-2.30e-002	0.36	-0.57	-0.43	-0.80	-0.31
369	312	0.12	0.32	0.99	0.37	0.20	-0.65
	322	0.14	0.71	0.90	0.42	0.58	-0.58
	323	-0.43	0.67	0.32	0.21	1.53	-7.64e-002
	313	-0.46	0.28	0.40	0.96	1.28	-0.15
370	311	0.13	0.10	0.51	0.17	8.41e-002	-1.05
	321	0.14	0.29	0.58	0.20	0.16	-0.95
	322	0.11	0.29	0.95	0.21	0.47	-0.74

	312	0.10	0.10	0.88	0.52	0.28	-0.84
371	310	0.12	-3.65e-002	0.51	5.82e-002	2.36e-002	-1.13
	320	0.12	-0.13	0.48	7.75e-002	5.57e-002	-1.09
	321	0.11	-0.13	0.47	8.39e-002	0.13	-1.03
	311	0.12	-3.67e-002	0.49	0.18	7.79e-002	-1.06
372	309	0.12	-0.19	0.28	1.68e-002	2.75e-003	-1.15
	319	0.11	-0.42	0.26	2.68e-002	1.42e-002	-1.14
	320	0.10	-0.42	0.38	3.07e-002	3.47e-002	-1.12
	310	0.11	-0.19	0.40	6.35e-002	2.28e-002	-1.13
373	308	0.12	-0.27	0.11	-2.92e-003	-1.07e-002	-1.15
	318	0.10	-0.60	0.10	7.88e-003	-1.03e-002	-1.15
	319	0.10	-0.60	0.18	7.43e-003	3.32e-003	-1.15
	309	0.12	-0.27	0.19	1.97e-002	3.43e-003	-1.15
374	307	0.12	-0.29	-7.19e-002	-1.70e-002	-3.93e-002	-1.13
	317	0.10	-0.64	-6.82e-002	5.44e-003	-4.88e-002	-1.13
	318	0.10	-0.64	1.12e-002	-4.38e-003	-2.00e-002	-1.14
	308	0.12	-0.29	7.53e-003	4.13e-003	-1.03e-002	-1.15
375	306	0.12	-0.25	-0.28	-1.71e-002	-0.13	-1.07
	316	0.10	-0.55	-0.26	3.26e-002	-0.14	-1.08
	317	0.11	-0.55	-0.15	-8.63e-003	-7.22e-002	-1.12
	307	0.12	-0.25	-0.17	7.71e-003	-3.76e-002	-1.11
376	305	0.12	-0.14	-0.39	8.60e-002	-0.38	-0.92
	315	0.11	-0.34	-0.37	0.16	-0.37	-0.97
	316	0.11	-0.34	-0.37	1.37e-002	-0.24	-1.06
	306	0.12	-0.14	-0.39	7.03e-002	-0.11	-1.00
377	304	0.10	-1.78e-002	-0.74	0.62	-0.90	-0.56
	314	0.10	1.55e-003	-0.79	0.62	-0.75	-0.78
	315	0.13	3.51e-003	-0.47	0.12	-0.78	-0.95
	305	0.13	-1.58e-002	-0.42	0.37	-0.39	-0.72
378	271	-0.28	0.17	-0.36	7.08	1.16	0.69
	277	-0.27	0.34	-0.30	-4.30	-2.40	0.38
	314	0.12	0.37	-0.77	0.38	-0.56	-0.38
	304	0.11	0.19	-0.83	1.22	-2.32	-6.61e-002
379	292	0.42	2.72e-002	1.54	0.12	-8.30e-002	-1.04
	312	0.44	0.34	0.99	0.52	2.53e-002	-0.70
	313	-1.12	0.24	0.40	0.47	1.07	-7.03e-002
	181	-1.14	-7.39e-002	0.95	1.44	0.39	-0.42
380	209	0.25	1.65e-002	0.69	1.50e-002	2.31e-004	-1.10
	311	0.26	0.11	0.60	0.16	6.74e-002	-1.05
	312	0.42	0.12	0.88	0.16	0.16	-0.93
	292	0.42	2.72e-002	0.98	0.19	5.96e-002	-0.98
381	291	0.24	1.55e-002	0.59	5.98e-003	2.46e-004	-1.15
	310	0.24	-2.91e-002	0.56	5.58e-002	1.90e-002	-1.13
	311	0.25	-2.80e-002	0.58	7.55e-002	4.18e-002	-1.10
	209	0.25	1.65e-002	0.61	4.61e-002	1.61e-002	-1.12
382	208	0.24	1.59e-002	0.34	9.41e-004	-7.24e-004	-1.16
	309	0.23	-0.18	0.31	1.92e-002	2.54e-003	-1.15
	310	0.23	-0.18	0.45	2.93e-002	1.19e-002	-1.15
	291	0.24	1.55e-002	0.48	1.34e-002	4.90e-003	-1.15
383	288	0.24	1.59e-002	0.13	-4.66e-003	-2.24e-003	-1.15
	308	0.23	-0.26	0.12	8.31e-003	-7.13e-003	-1.15
	309	0.23	-0.26	0.22	8.62e-003	9.09e-004	-1.16
	208	0.24	1.59e-002	0.23	4.48e-003	1.15e-003	-1.16
384	207	0.25	1.60e-002	-8.83e-002	-1.71e-002	-6.69e-003	-1.13
	307	0.23	-0.29	-8.75e-002	1.65e-002	-2.77e-002	-1.13
	308	0.22	-0.29	1.48e-002	-1.17e-003	-8.16e-003	-1.15
	288	0.24	1.59e-002	1.40e-002	3.38e-003	-1.15e-003	-1.15

385	287	0.24	1.57e-002	-0.33	-4.98e-002	-2.00e-002	-1.03
	306	0.22	-0.24	-0.32	7.35e-002	-9.34e-002	-1.04
	307	0.23	-0.24	-0.18	-1.90e-003	-2.72e-002	-1.11
	207	0.25	1.60e-002	-0.20	9.89e-003	-5.83e-003	-1.11
386	206	0.25	1.63e-002	-0.48	-0.11	-5.42e-002	-0.72
	305	0.24	-0.13	-0.46	0.31	-0.30	-0.76
	306	0.23	-0.13	-0.42	3.69e-002	-7.85e-002	-1.01
	287	0.24	1.57e-002	-0.44	3.92e-002	-2.27e-002	-0.97
387	284	0.39	2.51e-002	-0.85	-3.19e-002	-7.97e-002	0.20
	304	0.38	8.29e-004	-0.77	1.28	-0.70	-3.70e-002
	305	0.25	-7.88e-003	-0.49	0.29	-0.30	-0.72
	206	0.25	1.63e-002	-0.57	0.17	-0.10	-0.48
388	176	-0.74	-4.80e-002	-0.84	11.02	1.59	2.41
	271	-0.73	0.14	-0.35	-0.46	1.46	0.31
	304	0.40	0.21	-0.86	1.77	-2.00	0.16
	284	0.39	2.51e-002	-1.35	1.23	-1.21	2.26
429	276	-8.60e-003	0.49	0.31	-0.44	-0.81	2.45
	282	2.19e-002	0.96	0.23	-0.28	0.43	1.27
	283	-4.12e-002	0.95	6.46e-002	-8.45	-5.78	0.75
	277	-7.18e-002	0.48	0.15	3.29	-3.07	1.94
430	275	6.71e-002	0.35	0.17	0.21	-0.56	3.01
	281	7.63e-002	0.49	8.98e-003	7.63e-002	-1.77e-003	2.94
	282	-8.56e-003	0.49	0.16	0.13	-1.95	2.64
	276	-1.78e-002	0.35	0.31	-0.21	-0.99	2.71
431	274	7.24e-002	0.25	6.60e-002	0.53	0.37	2.70
	280	7.34e-002	0.26	1.57e-002	-2.53e-002	0.92	2.67
	281	6.13e-002	0.26	1.86e-002	7.91e-002	-0.41	2.91
	275	6.03e-002	0.25	6.89e-002	0.20	-0.16	2.95
432	273	-5.06e-002	0.30	-0.13	1.21	1.79	1.72
	279	-5.33e-002	0.26	-5.10e-002	-1.99e-002	3.14	1.59
	280	7.35e-002	0.26	2.96e-002	2.32e-002	0.47	2.47
	274	7.62e-002	0.31	-4.83e-002	0.49	0.70	2.60
433	272	5.01e-002	0.32	3.65e-002	-0.10	5.32	-0.34
	278	5.58e-002	0.41	-3.59e-002	4.25	8.27	-0.96
	279	-4.37e-002	0.40	-0.14	0.16	1.66	0.58
	273	-4.95e-002	0.32	-6.89e-002	1.31	2.27	1.21
434	270	0.10	0.22	0.46	1.35	-2.31	2.27
	276	0.12	0.50	0.43	0.39	-0.55	2.56
	277	-0.26	0.47	0.13	-4.25	-2.49	1.79
	271	-0.28	0.20	0.16	7.04	1.12	1.50
435	269	0.11	0.15	9.11e-002	0.59	-0.30	2.84
	275	0.13	0.35	0.15	0.22	-0.67	3.04
	276	0.11	0.35	0.43	0.75	-0.68	2.96
	270	0.10	0.15	0.37	0.69	-0.93	2.76
436	268	0.10	0.16	9.30e-002	0.57	0.22	2.87
	274	0.11	0.25	0.12	0.24	0.23	2.84
	275	0.12	0.25	5.47e-002	0.39	-0.13	2.97
	269	0.12	0.16	2.40e-002	0.28	-0.29	3.00
437	267	-7.95e-002	0.24	-0.26	1.28	1.00	2.24
	273	-7.62e-002	0.30	-0.33	0.44	1.39	2.05
	274	0.11	0.31	9.39e-003	0.61	0.62	2.63
	268	0.11	0.26	7.44e-002	0.36	0.24	2.83
438	266	0.11	0.53	0.33	-2.80e-002	2.74	5.32e-002
	272	0.10	0.33	0.25	2.94	4.62	-0.15
	273	-7.50e-002	0.31	-0.27	1.25	1.83	1.39
	267	-6.18e-002	0.52	-0.18	0.73	1.35	1.60
439	205	0.35	2.29e-002	0.76	1.25	-1.27	-0.12

	270	0.37	0.24	0.43	1.91	-1.98	2.03
	271	-0.72	0.17	0.17	-0.43	1.47	1.89
	176	-0.74	-4.80e-002	0.51	11.06	1.65	-0.25
440	204	0.24	1.56e-002	0.15	0.24	-0.10	2.60
	269	0.25	0.16	0.10	0.38	-0.27	2.87
	270	0.36	0.16	0.34	1.44	-0.70	2.21
	205	0.35	2.29e-002	0.39	3.48e-002	-6.55e-002	1.94
441	203	0.23	1.48e-002	0.11	0.19	3.74e-002	2.92
	268	0.24	0.17	0.12	0.19	0.13	2.93
	269	0.25	0.17	3.72e-002	0.48	-0.23	2.83
	204	0.24	1.56e-002	3.12e-002	-8.99e-002	-4.46e-002	2.82
442	202	0.40	2.62e-002	-0.53	0.49	0.18	2.41
	267	0.42	0.28	-0.46	0.13	0.62	2.35
	268	0.24	0.27	0.10	0.45	0.19	2.79
	203	0.23	1.48e-002	2.40e-002	-5.41e-002	1.52e-002	2.85
443	175	1.77e-002	1.15e-003	-0.47	-0.25	0.44	0.42
	266	5.17e-002	0.52	0.71	2.18	2.20	0.13
	267	0.44	0.55	-0.38	0.93	0.72	1.63
	202	0.40	2.62e-002	-1.56	-6.38e-002	0.19	1.92
600	158	-2.94e-002	-1.14e-002	-2.71e-002	0.74	-3.92	3.50e-002
	104	-5.98e-002	-0.48	-0.13	-0.73	-2.33	-6.41e-002
	41	-3.10e-002	-0.48	-0.22	-1.97	-8.24	-2.32
	116	-6.20e-004	-9.54e-003	-0.12	1.56	-1.28	-2.23
601	157	-3.72e-002	-0.12	-7.13e-003	0.29	-2.14	0.35
	103	-5.15e-002	-0.34	-1.08e-002	-8.03e-003	-1.76	0.44
	104	-5.10e-002	-0.34	-5.34e-002	-2.87e-002	-3.64	0.31
	158	-3.66e-002	-0.12	-4.97e-002	0.32	-2.94	0.22
602	156	-5.43e-003	-0.14	1.52e-002	0.11	-0.71	0.12
	102	-1.79e-002	-0.34	9.14e-003	0.14	-0.28	0.30
	103	-5.12e-002	-0.34	2.88e-002	0.12	-1.91	0.45
	157	-3.87e-002	-0.15	3.48e-002	0.33	-1.80	0.27
603	155	-8.63e-002	-1.15e-002	0.23	-0.54	0.15	-0.58
	1	-0.11	-0.43	0.21	1.00	2.20	-0.48
	102	-2.34e-002	-0.42	-3.88e-003	0.35	-0.69	0.13
	156	3.58e-003	-5.62e-003	2.06e-002	0.10	-0.12	3.33e-002
604	154	-8.88e-002	-2.67e-002	-1.07e-002	1.01	-2.55	0.57
	158	-8.81e-002	-1.52e-002	-2.33e-003	0.76	-3.15	-0.38
	116	-6.20e-004	-9.54e-003	1.21e-002	-1.71e-002	-0.80	-0.58
	115	-1.37e-003	-2.10e-002	3.80e-003	0.11	-0.93	0.37
605	153	-9.22e-002	-3.24e-002	-2.98e-003	0.62	-2.39	-0.12
	157	-0.10	-0.13	-1.81e-002	0.49	-2.35	0.27
	158	-0.10	-0.13	-2.49e-002	1.00	-2.63	0.37
	154	-8.92e-002	-3.22e-002	-9.77e-003	0.86	-2.80	-2.53e-002
606	152	-5.24e-002	-1.02e-002	9.32e-003	-5.69e-002	-0.94	-0.39
	156	-6.14e-002	-0.15	3.51e-002	-7.25e-004	-0.96	0.14
	157	-0.10	-0.15	2.38e-002	0.43	-1.67	0.26
	153	-9.09e-002	-1.27e-002	-1.99e-003	0.48	-1.96	-0.27
607	151	0.14	-1.66e-002	-2.41e-002	-0.35	-1.52e-002	-0.32
	155	0.14	3.36e-003	8.37e-003	-0.10	-0.11	-0.16
	156	-5.24e-002	-9.26e-003	4.05e-002	-1.44e-002	-0.24	-0.10
	152	-5.37e-002	-2.92e-002	8.05e-003	-0.14	-0.51	-0.26
608	150	-5.84e-002	-9.72e-003	7.51e-002	0.60	-5.16	1.01
	154	-5.94e-002	-2.48e-002	1.32e-002	1.24	-2.82	-6.45e-002
	115	-1.37e-003	-2.10e-002	1.67e-002	0.42	-1.08	1.02
	114	-3.86e-004	-5.95e-003	7.86e-002	-0.40	-1.25	2.10
609	149	-7.41e-002	-0.15	3.25e-002	-0.11	-3.18	-1.08
	153	-6.65e-002	-3.08e-002	-4.67e-003	0.80	-2.60	-0.46

	154	-5.98e-002	-3.03e-002	1.41e-002	0.91	-2.94	0.16
	150	-6.73e-002	-0.15	5.12e-002	0.97	-3.82	-0.45
610	148	-6.69e-002	-0.16	-8.18e-002	-0.41	-0.87	-0.96
	152	-5.75e-002	-1.05e-002	-3.74e-002	-7.24e-002	-0.94	-0.42
	153	-6.52e-002	-1.10e-002	-3.67e-003	0.37	-2.00	-0.55
	149	-7.47e-002	-0.16	-4.81e-002	0.12	-1.83	-1.09
611	147	0.11	4.45e-003	-1.57e-002	-4.13e-002	-4.27e-002	-0.24
	151	0.11	-1.86e-002	2.40e-002	-0.39	7.99e-002	-0.26
	152	-5.87e-002	-2.95e-002	-3.86e-002	-0.26	-0.51	-0.55
	148	-5.72e-002	-6.52e-003	-7.83e-002	-0.22	0.29	-0.53
612	107	-1.67e-002	-0.47	3.88e-002	-4.19	-2.81	-0.83
	150	1.36e-002	-5.04e-003	7.45e-002	0.64	-7.12	0.53
	114	-3.86e-004	-5.95e-003	0.27	3.02	-2.14	4.88
	46	-3.07e-002	-0.47	0.24	-4.37	-16.95	3.52
613	106	-1.41e-002	-0.28	2.99e-003	-1.38	-2.07	-0.39
	149	-5.11e-003	-0.14	3.32e-002	-0.61	-2.85	-0.81
	150	4.70e-003	-0.14	5.06e-002	-0.15	-4.84	-0.62
	107	-4.29e-003	-0.28	2.03e-002	-3.09	-6.27	-0.21
614	105	-3.15e-003	-0.29	-2.30e-002	0.34	0.33	-0.49
	148	6.22e-003	-0.15	-7.05e-002	-0.33	-0.34	-0.87
	149	-5.68e-003	-0.15	-4.73e-002	-0.25	-2.34	-0.90
	106	-1.51e-002	-0.30	1.58e-004	-0.85	-2.93	-0.52
615	3	-0.20	-0.49	-0.21	1.54	5.12	0.52
	147	-0.17	-1.37e-002	-0.24	-0.94	0.46	0.73
	148	1.59e-002	-1.77e-003	-6.71e-002	-0.28	0.62	-0.54
	105	-1.53e-002	-0.48	-3.92e-002	0.92	-0.98	-0.74
616	146	1.59e-002	-5.96e-002	-8.60e-002	-0.59	-9.29	-0.17
	107	-1.08e-002	-0.47	1.88e-002	-3.46	-2.62	0.93
	46	-3.07e-002	-0.47	-0.22	-5.73	-17.56	-3.10
	119	-3.95e-003	-6.08e-002	-0.33	4.04	-3.30	-4.19
617	145	-1.85e-003	-0.21	-3.10e-002	-0.85	-3.21	0.51
	106	-6.44e-003	-0.28	5.06e-003	-1.10	-2.26	-5.38e-002
	107	1.58e-003	-0.28	2.76e-004	-2.57	-6.32	0.17
	146	6.17e-003	-0.21	-3.57e-002	-1.33	-5.65	0.74
618	144	6.27e-003	-0.21	8.05e-002	-0.12	-0.37	0.12
	105	4.82e-004	-0.29	3.41e-002	0.40	0.24	-0.26
	106	-7.38e-003	-0.30	2.22e-003	-0.86	-2.88	-7.57e-002
	145	-1.60e-003	-0.21	4.87e-002	-0.23	-2.57	0.30
619	143	-0.17	-6.46e-002	0.27	-0.67	0.77	-1.43
	3	-0.19	-0.49	0.19	1.55	5.21	-1.33
	105	-1.16e-002	-0.48	1.79e-002	0.73	-0.99	-2.60e-002
	144	1.62e-002	-5.27e-002	0.11	4.49e-002	1.07	-0.13
620	142	-2.64e-002	-5.30e-002	-1.78e-002	1.79	-5.94	0.53
	146	-2.70e-002	-6.23e-002	-0.10	2.81e-002	-8.05	-0.40
	119	-3.95e-003	-6.08e-002	-8.36e-002	-0.36	-2.21	-1.20
	118	-3.34e-003	-5.15e-002	-3.77e-003	0.27	-2.81	-0.27
621	141	-2.54e-002	-0.12	-1.41e-003	0.24	-3.74	-7.92e-002
	145	-3.15e-002	-0.21	-3.32e-002	-0.19	-3.82	0.69
	146	-3.67e-002	-0.21	-4.73e-002	1.02	-4.90	0.83
	142	-3.06e-002	-0.12	-1.55e-002	0.94	-5.20	5.82e-002
622	140	-4.89e-002	-9.20e-002	4.35e-002	-0.60	-0.62	-0.14
	144	-5.66e-002	-0.21	8.93e-002	-0.60	-0.77	0.30
	145	-3.12e-002	-0.21	4.64e-002	-0.26	-2.31	0.43
	141	-2.36e-002	-9.03e-002	5.86e-004	1.81e-003	-2.67	-8.22e-003
623	139	0.16	-2.95e-002	-3.01e-002	-0.39	0.53	-0.18
	143	0.16	-4.34e-002	4.04e-002	-0.28	0.22	-0.34
	144	-4.67e-002	-5.67e-002	0.11	-0.30	0.86	-0.11

	140	-4.58e-002	-4.29e-002	4.40e-002	-0.80	0.12	5.60e-002
624	138	-1.97e-002	-6.80e-002	0.13	-5.84e-002	-8.50	0.36
	142	-1.87e-002	-5.25e-002	2.00e-002	1.85	-6.03	-0.57
	118	-3.34e-003	-5.15e-002	6.76e-003	0.42	-2.85	0.51
	117	-4.35e-003	-6.70e-002	0.12	-0.53	-2.38	1.44
625	137	-2.46e-002	-0.23	4.80e-002	-0.32	-3.86	-1.05
	141	-1.72e-002	-0.12	4.08e-003	0.26	-3.76	-0.25
	142	-2.30e-002	-0.12	2.23e-002	0.90	-5.24	-0.25
	138	-3.04e-002	-0.23	6.62e-002	1.04	-5.16	-1.05
626	136	-5.65e-002	-0.22	-9.31e-002	-0.68	-0.64	-0.60
	140	-4.79e-002	-9.19e-002	-4.15e-002	-0.60	-0.59	-0.17
	141	-1.53e-002	-8.98e-002	6.07e-003	-4.92e-002	-2.68	-0.35
	137	-2.39e-002	-0.22	-4.56e-002	-0.31	-2.34	-0.78
627	135	0.16	-4.69e-002	-4.39e-002	-0.27	0.29	0.25
	139	0.16	-2.93e-002	3.68e-002	-0.37	0.56	5.26e-002
	140	-4.47e-002	-4.28e-002	-4.09e-002	-0.84	0.13	-0.31
	136	-4.59e-002	-6.03e-002	-0.12	-0.31	1.06	-0.11
628	110	-7.15e-003	-0.52	-3.50e-002	-4.09	-3.56	-1.18
	138	2.24e-002	-6.53e-002	0.12	-0.55	-9.98	5.93e-002
	117	-4.35e-003	-6.70e-002	0.39	4.32	-3.56	4.54
	47	-3.39e-002	-0.52	0.24	-6.17	-18.43	3.30
629	109	1.10e-003	-0.31	-7.04e-003	-1.41	-2.35	-0.23
	137	6.38e-003	-0.23	4.58e-002	-0.98	-3.24	-0.83
	138	1.17e-002	-0.23	5.09e-002	-1.57	-6.01	-1.05
	110	6.46e-003	-0.31	-1.92e-003	-2.90	-6.63	-0.46
630	108	1.81e-004	-0.32	-4.00e-002	0.40	0.35	6.06e-002
	136	6.67e-003	-0.22	-9.04e-002	-0.12	-0.18	-0.43
	137	7.07e-003	-0.22	-4.78e-002	-0.37	-2.63	-0.65
	109	5.82e-004	-0.32	2.63e-003	-1.05	-2.82	-0.16
631	4	-0.20	-0.52	-0.18	1.59	5.65	1.33
	135	-0.17	-6.82e-002	-0.28	-0.63	0.92	1.43
	136	1.73e-002	-5.62e-002	-0.12	-3.67e-002	1.35	-0.10
	108	-1.19e-002	-0.51	-2.02e-002	0.89	-0.60	-0.20
632	134	1.91e-002	2.55e-002	-5.21e-002	2.25	-5.79	-0.53
	110	-1.64e-002	-0.52	-6.10e-002	-5.20	-4.09	0.83
	47	-3.39e-002	-0.52	-0.25	-3.73	-17.30	-3.66
	122	1.58e-003	2.44e-002	-0.24	2.35	-1.96	-5.02
633	133	9.83e-003	-0.11	-2.98e-002	-0.21	-2.99	0.67
	109	-3.21e-003	-0.31	-7.13e-003	-1.68	-1.94	0.36
	110	-2.83e-003	-0.31	-2.79e-002	-4.22	-6.81	1.72e-002
	134	1.02e-002	-0.11	-5.06e-002	1.44	-4.32	0.32
634	132	6.52e-004	-0.12	5.19e-002	-0.76	-0.32	0.80
	108	-1.22e-002	-0.32	1.25e-002	0.58	0.58	0.42
	109	-3.73e-003	-0.32	2.54e-003	-0.99	-3.00	0.49
	133	9.15e-003	-0.12	4.19e-002	-0.16	-2.32	0.87
635	131	-0.14	2.31e-002	0.23	-1.15	0.45	-0.84
	4	-0.18	-0.52	0.23	1.59	5.52	-0.64
	108	-2.43e-002	-0.51	3.22e-002	1.19	-0.60	0.72
	132	1.07e-002	3.32e-002	3.21e-002	-0.84	0.30	0.52
636	130	-6.08e-002	-6.65e-003	-3.48e-003	0.81	-2.08	-0.17
	134	-5.91e-002	2.04e-002	-3.90e-002	0.86	-3.65	-1.29
	122	1.58e-003	2.44e-002	-6.11e-002	-0.16	-1.01	-2.03
	121	-1.76e-004	-2.70e-003	-2.56e-002	0.31	-0.47	-0.90
637	129	-7.91e-002	8.21e-003	4.75e-003	0.95	-2.13	0.24
	133	-8.72e-002	-0.12	-2.86e-002	6.89e-002	-3.05	0.73
	134	-6.79e-002	-0.12	-3.75e-002	0.93	-3.50	1.15e-002
	130	-5.98e-002	9.46e-003	-4.09e-003	0.84	-2.32	-0.48

638	128	-5.25e-002	2.16e-002	1.50e-002	0.20	-0.92	0.17
	132	-6.20e-002	-0.13	5.37e-002	-0.35	-0.93	0.83
	133	-8.79e-002	-0.13	4.31e-002	0.21	-1.72	0.88
	129	-7.83e-002	1.99e-002	4.44e-003	0.57	-1.84	0.23
639	127	8.02e-002	-7.18e-003	-1.12e-002	-0.45	-0.10	0.13
	131	8.31e-002	3.79e-002	6.00e-003	0.14	-7.19e-002	0.19
	132	-5.20e-002	2.91e-002	3.40e-002	-0.26	-6.31e-002	0.38
	128	-5.49e-002	-1.60e-002	1.67e-002	1.48e-002	-0.58	0.32
640	126	-9.25e-002	6.56e-003	-4.20e-002	0.92	-2.72	0.55
	130	-9.35e-002	-8.77e-003	-4.40e-003	0.76	-1.94	-0.53
	121	-1.76e-004	-2.70e-003	-2.04e-003	0.19	-0.37	-0.19
	120	8.20e-004	1.26e-002	-3.97e-002	5.96e-003	-0.55	0.89
641	125	-0.12	-9.10e-002	3.52e-003	0.47	-2.19	-0.63
	129	-0.11	6.26e-003	-4.80e-003	0.79	-1.95	-0.26
	130	-9.24e-002	7.34e-003	-5.01e-003	0.77	-2.20	-3.31e-002
	126	-0.10	-8.99e-002	3.30e-003	1.05	-2.61	-0.41
642	124	-6.02e-002	-0.13	-1.25e-002	-8.47e-003	-0.70	-0.55
	128	-5.06e-002	2.17e-002	1.07e-002	0.15	-0.88	7.96e-002
	129	-0.11	1.80e-002	-5.10e-003	0.55	-1.80	-8.97e-002
	125	-0.12	-0.13	-2.83e-002	0.49	-1.51	-0.72
643	123	0.12	4.43e-002	3.39e-004	0.19	-6.91e-002	-1.32e-002
	127	0.11	-4.98e-003	1.15e-002	-0.36	-0.12	0.12
	128	-5.30e-002	-1.58e-002	1.25e-002	2.90e-002	-0.58	-3.21e-002
	124	-4.98e-002	3.35e-002	1.29e-003	-2.79e-002	-0.17	-0.16
644	113	-8.30e-002	-0.58	0.17	-1.76	-3.83	-3.57e-002
	126	-4.47e-002	9.67e-003	2.88e-003	1.57	-3.99	-0.10
	120	8.20e-004	1.26e-002	6.69e-002	1.67	-1.39	3.15
	48	-3.75e-002	-0.58	0.23	-2.26	-11.25	3.21
645	112	-6.29e-002	-0.43	1.24e-002	-0.24	-1.70	-0.92
	125	-4.07e-002	-8.61e-002	-8.32e-003	0.41	-2.15	-0.77
	126	-5.09e-002	-8.68e-002	4.82e-002	1.02	-3.06	-0.37
	113	-7.32e-002	-0.43	6.90e-002	-0.87	-4.81	-0.53
646	111	-2.87e-002	-0.42	1.02e-002	0.35	0.46	-0.84
	124	-9.76e-003	-0.12	7.73e-003	-0.10	-0.32	-0.62
	125	-4.33e-002	-0.13	-4.02e-002	0.31	-1.71	-0.79
	112	-6.22e-002	-0.42	-3.77e-002	5.73e-002	-2.00	-1.01
647	5	-8.22e-002	-0.50	-0.26	1.20	4.12	0.58
	123	-4.77e-002	3.36e-002	-0.25	-0.76	0.34	0.75
	124	6.81e-004	3.67e-002	2.15e-002	-0.30	0.21	-0.46
	111	-3.38e-002	-0.49	1.79e-002	0.74	7.07e-002	-0.63

SFORZI "Accidentale di piano" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	-28.44	0.10	-5.51	-370.88	1610.95	-32.48
	509	28.44	-0.10	5.51	370.88	730.24	73.56
2	255	237.52	-23.59	0.96	794.07	291.55	-3949.60
	196	-237.52	23.59	-0.96	-794.07	-596.88	-3547.66
3	487	62.76	-35.07	-0.25	-505.61	156.27	-10855.83
	509	-62.76	35.07	0.25	505.61	-18.95	-8344.04
4	509	4.85	-23.78	-0.50	-179.91	313.64	-1227.87
	495	-4.85	23.78	0.50	179.91	-253.61	-1625.24
5	195	49.87	-80.86	25.85	615.30	-2984.48	-4923.92
	509	-49.87	80.86	-25.85	-615.30	-893.36	-7204.90
6	403	48.85	-7.37	1.45	31.52	-49.26	-241.13

	413	-48.85	7.37	-1.45	-31.52	-1.48	-16.78
7	393	90.30	-33.44	2.00	42.95	-123.54	-891.41
	403	-90.30	33.44	-2.00	-42.95	53.62	-278.97
8	190	181.88	-111.71	2.92	46.30	-238.61	-6398.16
	393	-181.88	111.71	-2.92	-46.30	136.43	2488.40
9	353	-26.37	4.29	31.98	-52.35	1005.35	76.40
	363	26.37	-4.29	-31.98	52.35	-2124.62	73.92
10	343	-29.36	13.28	26.99	-38.55	-662.32	420.24
	353	29.36	-13.28	-26.99	38.55	-282.47	44.59
11	187	-47.82	49.49	34.11	-23.19	-2586.41	3068.77
	343	47.82	-49.49	-34.11	23.19	1392.56	-1336.58
12	323	-21.02	-7.12	1.56	18.50	-52.69	-119.60
	333	21.02	7.12	-1.56	-18.50	-1.93	-129.77
13	313	-41.36	-26.57	2.13	24.13	-131.08	-604.92
	323	41.36	26.57	-2.13	-24.13	56.37	-325.20
14	181	-80.66	-77.43	3.10	25.51	-252.06	-4174.15
	313	80.66	77.43	-3.10	-25.51	143.45	1464.13
15	277	-19.50	-16.31	26.07	-76.41	595.17	-8.91
	283	19.50	16.31	-26.07	76.41	-1507.67	-561.93
16	271	-10.96	-50.68	22.47	-14.86	-769.08	-1228.04
	277	10.96	50.68	-22.47	14.86	-17.31	-545.86
17	176	-4.38	-153.68	29.60	2.77	-2393.85	-8315.50
	271	4.38	153.68	-29.60	-2.77	1358.01	2936.87
18	272	-35.69	37.55	16.84	-30.43	344.69	708.72
	278	35.69	-37.55	-16.84	30.43	-934.01	605.53
19	266	1.42	24.62	15.92	31.91	-340.06	1189.03
	272	-1.42	-24.62	-15.92	-31.91	-217.04	-327.40
20	175	10.35	57.06	17.66	94.99	-1097.10	3499.08
	266	-10.35	-57.06	-17.66	-94.99	478.95	-1502.07
21	508	-136.24	10.02	0.91	166.13	-71.11	2075.76
	278	136.24	-10.02	-0.91	-166.13	-202.01	930.83
22	506	8.10	-23.28	-1.53	-20.90	442.41	-6448.66
	500	-8.10	23.28	1.53	20.90	191.12	-3194.97
23	167	109.06	16.04	3.76	269.21	-670.93	1651.76
	506	-109.06	-16.04	-3.76	-269.21	-417.88	2994.02
24	507	-101.17	-28.54	1.22	311.44	-169.54	-3920.20
	508	101.17	28.54	-1.22	-311.44	-196.42	-4643.15
25	506	-49.63	0.37	0.94	203.60	-246.59	-98.44
	507	49.63	-0.37	-0.94	-203.60	-159.52	256.30
26	505	4.12	-8.91	-1.37	-87.00	242.42	-1835.17
	506	-4.12	8.91	1.37	87.00	292.79	-1640.60
27	504	-48.66	12.70	0.71	-41.25	-168.80	2320.77
	505	48.66	-12.70	-0.71	41.25	-135.89	3139.27
28	504	3.57	-7.33	-2.61	-25.49	645.49	-1958.42
	498	-3.57	7.33	2.61	25.49	435.09	-1079.31
29	161	39.12	3.75	1.14	717.68	-397.05	463.51
	504	-39.12	-3.75	-1.14	-717.68	66.02	623.61
30	499	-5.02	-4.97	0.57	-67.78	-29.18	-1508.83
	498	5.02	4.97	-0.57	67.78	-216.27	-626.34
31	500	12.19	-1.08	0.40	216.11	-137.64	-250.77
	499	-12.19	1.08	-0.40	-216.11	-16.60	-172.36

32	501	11.61	0.25	-0.41	-246.50	128.29	-154.09
	500	-11.61	-0.25	0.41	246.50	48.33	261.90
33	502	12.36	4.38	0.80	-42.77	-103.17	910.56
	501	-12.36	-4.38	-0.80	42.77	-136.02	403.83
34	503	18.79	-9.65	-0.67	95.31	134.27	-1337.89
	502	-18.79	9.65	0.67	-95.31	66.19	-1555.89
35	496	25.02	0.75	1.08	178.85	-318.40	-140.93
	503	-25.02	-0.75	-1.08	-178.85	-231.85	522.81
36	160	-10.28	28.20	44.90	214.54	-6062.48	1667.35
	504	10.28	-28.20	-44.90	-214.54	1347.49	1293.56
37	163	-21.61	2.08	-52.77	106.53	4237.13	264.25
	505	21.61	-2.08	52.77	-106.53	1304.11	-45.75
38	166	-63.32	76.82	48.46	-43.36	-3054.50	4320.42
	506	63.32	-76.82	-48.46	43.36	-2033.86	3745.25
39	169	-28.91	-0.28	51.54	-329.07	-1747.43	-136.76
	507	28.91	0.28	-51.54	329.07	-3663.90	107.84
40	172	38.57	0.31	35.07	-267.53	-1114.95	177.80
	508	-38.57	-0.31	-35.07	267.53	-2567.39	-145.31
41	159	10.27	5.62	7.63	192.97	-2535.59	506.36
	498	-10.27	-5.62	-7.63	-192.97	476.43	1011.54
42	162	-3.88	0.18	-17.21	-45.78	2965.63	-236.54
	499	3.88	-0.18	17.21	45.78	1681.18	283.89
43	165	16.79	17.51	2.11	94.32	-502.95	1994.59
	500	-16.79	-17.51	-2.11	-94.32	-68.08	2732.36
44	168	-4.13	-1.21	-0.76	-7.73	453.86	-529.89
	501	4.13	1.21	0.76	7.73	-249.74	203.73
45	171	14.03	1.47	-6.43	-36.97	1090.49	257.60
	502	-14.03	-1.47	6.43	36.97	645.33	138.08
46	174	-10.39	-1.75	-6.23	-97.58	866.39	-555.26
	503	10.39	1.75	6.23	97.58	815.08	83.54
47	177	13.17	-5.71	2.39	33.42	99.72	-1539.78
	496	-13.17	5.71	-2.39	-33.42	-744.76	-1.30
48	178	7.83	10.28	-0.60	62.95	473.90	1626.62
	497	-7.83	-10.28	0.60	-62.95	-312.21	1148.13
49	278	-31.96	-6.68	-0.82	-202.59	316.30	-2998.06
	496	31.96	6.68	0.82	202.59	225.26	-1390.80
50	497	11.36	2.07	-0.34	-146.19	46.25	20.31
	496	-11.36	-2.07	0.34	146.19	82.91	765.31
51	478	21.63	-5.76	0.26	166.02	-86.63	-386.94
	497	-21.63	5.76	-0.26	-166.02	16.70	-1168.44
52	173	183.05	-1.35	0.95	229.41	-235.43	-1482.61
	278	-183.05	1.35	-0.95	-229.41	-159.68	917.68
53	283	5.29	-9.81	-1.48	-69.79	506.88	-3317.57
	478	-5.29	9.81	1.48	69.79	286.11	-1940.00
54	173	70.60	8.44	4.83	657.07	-1052.55	1481.43
	283	-70.60	-8.44	-4.83	-657.07	-483.85	1200.38
55	483	-53.84	2.99	-1.49	-113.64	592.13	-32.70
	484	53.84	-2.99	1.49	113.64	595.76	2417.97
56	482	54.17	-34.02	1.96	675.49	-514.83	-9198.78
	483	-54.17	34.02	-1.96	-675.49	-565.04	-9523.68
57	481	48.42	23.44	-0.36	1.23	-42.68	5065.88

	482	-48.42	-23.44	0.36	-1.23	265.00	9230.00
58	480	22.25	2.67	-0.93	-388.26	321.46	2477.77
	481	-22.25	-2.67	0.93	388.26	190.70	-1008.21
59	479	19.08	-6.60	0.22	214.53	-62.23	-2103.52
	480	-19.08	6.60	-0.22	-214.53	-76.72	-2120.01
60	478	25.68	3.15	8.37e-002	-172.38	-84.99	318.83
	479	-25.68	-3.15	-8.37e-002	172.38	38.15	1445.46
61	363	4.16	-12.48	0.98	110.21	-297.66	-4198.95
	480	-4.16	12.48	-0.98	-110.21	-226.24	-2489.05
62	186	78.55	7.63	-0.62	-84.75	118.47	1165.40
	363	-78.55	-7.63	0.62	84.75	79.77	1260.20
63	473	15.81	-15.78	3.29	-113.39	-750.72	-4971.88
	484	-15.81	15.78	-3.29	113.39	-881.12	-2853.17
64	255	-9.64	-42.87	2.89	304.71	-922.77	-12932.73
	483	9.64	42.87	-2.89	-304.71	-571.78	-9232.78
65	492	-5.11	16.32	4.10	538.70	-588.73	2344.62
	489	5.11	-16.32	-4.10	-538.70	-640.39	2551.74
66	494	10.92	-6.28	-6.06	-837.69	1627.61	-1116.90
	492	-10.92	6.28	6.06	837.69	1673.14	-2307.18
67	492	-2.14	1.05	3.26	278.52	-440.45	401.06
	495	2.14	-1.05	-3.26	-278.52	-856.06	14.38
68	491	-23.66	2.21	1.49	238.40	-556.49	320.34
	492	23.66	-2.21	-1.49	-238.40	-640.64	1455.30
69	490	16.40	-11.44	-3.63	531.61	606.14	-1279.38
	491	-16.40	11.44	3.63	-531.61	475.28	-2124.71
70	489	42.92	-10.57	1.39	-14.73	-642.47	-4809.48
	490	-42.92	10.57	-1.39	14.73	-473.02	-3648.10
71	488	92.94	14.99	-5.30	-983.38	1384.44	5340.79
	489	-92.94	-14.99	5.30	983.38	1505.22	2830.66
72	494	5.90	-21.34	8.44	19.97	-1184.89	-3510.31
	488	-5.90	21.34	-8.44	-19.97	-1345.90	-2892.30
73	493	5.97	7.28	2.69	96.68	-660.46	1008.65
	494	-5.97	-7.28	-2.69	-96.68	-408.32	1885.61
74	493	20.53	-5.90	-2.66	-240.98	779.19	-1325.77
	495	-20.53	5.90	2.66	240.98	676.15	-1903.84
75	473	-0.87	-46.42	17.83	133.12	-4201.80	-3468.23
	490	0.87	46.42	-17.83	-133.12	1260.13	-4190.44
76	382	-19.48	101.78	2.69	-623.93	600.73	-290.33
	473	19.48	-101.78	-2.69	623.93	-694.76	3852.75
77	293	-225.66	344.08	0.77	-576.12	560.74	10478.85
	382	225.66	-344.08	-0.77	576.12	-587.75	1563.79
78	200	-300.19	808.76	-1.17	-524.07	593.18	43646.04
	293	300.19	-808.76	1.17	524.07	-552.40	-15339.33
79	255	-41.89	-45.92	-11.81	222.35	364.99	-5059.92
	489	41.89	45.92	11.81	-222.35	1583.09	-2517.52
80	245	-143.81	15.24	106.83	-338.59	3168.89	-1937.91
	255	143.81	-15.24	-106.83	338.59	-6908.08	2471.28
81	235	-139.58	-78.29	89.76	-263.95	-2063.45	-2352.62
	245	139.58	78.29	-89.76	263.95	-1078.28	-387.37
82	197	-192.44	-286.80	112.04	-232.94	-8101.92	-15220.90
	235	192.44	286.80	-112.04	232.94	4180.62	5182.90

83	443	36.34	101.38	11.20	38.54	60.19	11406.25
	488	-36.34	-101.38	-11.20	-38.54	-1908.93	5320.82
84	433	-24.82	-84.93	5.21	180.01	-191.87	3870.93
	443	24.82	84.93	-5.21	-180.01	9.42	-6843.34
85	423	-58.98	-34.12	6.69	233.10	-559.51	322.61
	433	58.98	34.12	-6.69	-233.10	325.30	-1516.70
86	193	-114.28	19.20	10.87	253.64	-1091.56	1798.86
	423	114.28	-19.20	-10.87	-253.64	711.11	-1126.93
87	201	13.65	27.16	-15.02	-81.22	1687.80	7141.50
	491	-13.65	-27.16	15.02	81.22	2366.50	192.65
88	196	21.44	-35.44	-4.52	3.32	359.83	-6069.72
	492	-21.44	35.44	4.52	-3.32	861.19	-3499.03
89	192	-34.91	5.18	6.12	34.39	-865.55	2591.40
	494	34.91	-5.18	-6.12	-34.39	-787.00	-1193.61
90	487	1.38	17.84	-3.31	118.72	-852.64	3369.77
	493	-1.38	-17.84	3.31	-118.72	1249.64	-1229.08
91	185	-58.35	-54.55	-3.11	249.26	-605.47	-4144.56
	487	58.35	54.55	3.11	-249.26	1072.39	-4038.62
92	486	135.15	24.67	-5.53e-002	-285.85	59.46	4860.29
	487	-135.15	-24.67	5.53e-002	285.85	-25.73	10186.97
93	485	20.79	13.40	-0.11	-6.15	70.81	3946.07
	486	-20.79	-13.40	0.11	6.15	-8.49	3424.35
94	186	-7.10	0.96	1.03	-440.77	-75.52	229.72
	485	7.10	-0.96	-1.03	440.77	-364.23	180.28
95	183	15.00	19.76	7.01	-115.46	-894.65	-441.91
	485	-15.00	-19.76	-7.01	115.46	-156.19	3405.40
96	184	11.27	114.37	3.65e-002	50.97	-300.73	8870.62
	486	-11.27	-114.37	-3.65e-002	-50.97	295.26	8284.63
97	179	5.09	2.56	8.22	122.08	-618.80	8.02
	478	-5.09	-2.56	-8.22	-122.08	-1601.59	684.10
98	182	-9.75	-6.59	-0.13	-24.09	422.95	-1121.81
	479	9.75	6.59	0.13	24.09	-386.92	-658.06
99	188	19.86	4.14	9.05	-4.44	-545.30	792.82
	480	-19.86	-4.14	-9.05	4.44	-1897.53	324.28
100	191	20.76	26.18	-0.67	148.02	565.22	3011.62
	481	-20.76	-26.18	0.67	-148.02	-384.90	4055.92
101	194	-57.46	5.79	-0.60	-249.83	544.20	1548.80
	482	57.46	-5.79	0.60	249.83	-381.39	14.39
102	198	80.72	-105.23	4.78	-612.03	6847.15	-18684.83
	483	-80.72	105.23	-4.78	612.03	-8138.67	-9727.38
103	199	6.63	57.05	20.21	-197.39	-2419.75	12604.41
	484	-6.63	-57.05	-20.21	197.39	-3037.06	2798.71
179	472	-78.72	-0.43	0.19	11.44	-6.90	-1.93
	473	78.72	0.43	-0.19	-11.44	-3.16	-20.91
180	467	-100.83	0.21	-4.09e-002	8.14	-1.02	13.74
	472	100.83	-0.21	4.09e-002	-8.14	3.20	-2.71
181	466	-97.21	0.10	-2.59e-002	6.92	-3.87e-002	10.23
	467	97.21	-0.10	2.59e-002	-6.92	1.42	-4.92
182	471	2.84e-014	-13.98	0.00	3.55	-9.09e-013	-192.11
	200	-2.84e-014	13.98	0.00	-3.55	-9.09e-013	-553.32
183	470	-2.84e-014	-0.92	-2.84e-014	5.09	4.55e-013	-34.96

	471	2.84e-014	0.92	2.84e-014	-5.09	4.55e-013	-14.32
184	229	-2.84e-014	-1.03	0.00	5.88	0.00	-8.95
	470	2.84e-014	1.03	0.00	-5.88	4.55e-013	-46.04
185	469	-2.84e-014	-0.53	-2.84e-014	6.19	0.00	-11.14
	229	2.84e-014	0.53	2.84e-014	-6.19	0.00	-17.19
186	468	0.00	-0.65	0.00	6.29	0.00	-10.63
	469	0.00	0.65	0.00	-6.29	0.00	-23.83
187	228	8.53e-014	-0.61	2.84e-014	6.33	-9.09e-013	-12.47
	468	-8.53e-014	0.61	-2.84e-014	-6.33	-9.09e-013	-20.01
188	465	-83.56	-2.68e-002	-8.60e-003	6.51	6.09e-002	6.20
	466	83.56	2.68e-002	8.60e-003	-6.51	0.40	-7.63
189	464	-68.12	4.70e-002	-2.28e-003	6.39	3.90e-002	6.82
	465	68.12	-4.70e-002	2.28e-003	-6.39	8.24e-002	-4.32
190	459	-52.78	3.29e-002	-4.46e-004	6.36	1.40e-002	4.98
	464	52.78	-3.29e-002	4.46e-004	-6.36	9.81e-003	-3.23
191	458	-37.49	3.63e-002	1.04e-004	6.35	-7.64e-003	3.98
	459	37.49	-3.63e-002	-1.04e-004	-6.35	2.08e-003	-2.04
192	457	-22.20	3.56e-002	4.86e-004	6.34	-4.02e-002	2.70
	458	22.20	-3.56e-002	-4.86e-004	-6.34	1.43e-002	-0.80
193	456	-6.90	3.51e-002	1.23e-003	6.33	-0.11	1.48
	457	6.90	-3.51e-002	-1.23e-003	-6.33	4.86e-002	0.39
194	463	0.00	-0.62	0.00	6.34	0.00	-13.45
	228	0.00	0.62	0.00	-6.34	0.00	-19.70
195	462	0.00	-0.62	-2.84e-014	6.34	0.00	-14.77
	463	0.00	0.62	2.84e-014	-6.34	0.00	-18.17
196	227	-5.68e-014	-0.62	0.00	6.33	0.00	-15.87
	462	5.68e-014	0.62	0.00	-6.33	0.00	-17.08
197	461	8.53e-014	-0.62	1.42e-014	6.31	4.55e-013	-17.35
	227	-8.53e-014	0.62	-1.42e-014	-6.31	4.55e-013	-15.78
198	460	8.53e-014	-0.61	0.00	6.22	0.00	-17.79
	461	-8.53e-014	0.61	0.00	-6.22	0.00	-14.69
199	226	0.00	-0.65	2.84e-014	5.93	0.00	-21.52
	460	0.00	0.65	-2.84e-014	-5.93	0.00	-13.22
200	453	8.40	3.74e-002	3.00e-003	6.31	-0.30	0.35
	456	-8.40	-3.74e-002	-3.00e-003	-6.31	0.14	1.65
201	452	23.68	2.91e-002	7.39e-003	6.29	-0.77	-1.18
	453	-23.68	-2.91e-002	-7.39e-003	-6.29	0.37	2.74
202	451	38.88	6.45e-002	2.08e-002	6.26	-2.03	-0.86
	452	-38.88	-6.45e-002	-2.08e-002	-6.26	0.92	4.30
203	450	54.64	1.26e-002	7.96e-002	6.19	-6.13	-4.89
	451	-54.64	-1.26e-002	-7.96e-002	-6.19	1.89	5.57
204	449	75.45	-2.62e-004	0.35	4.21	-21.57	-4.09
	450	-75.45	2.62e-004	-0.35	-4.21	3.07	4.07
205	255	115.60	-1.17	-8.13e-002	-26.51	4.21	-59.27
	449	-115.60	1.17	8.13e-002	26.51	0.13	-3.12
206	455	0.00	-0.48	1.42e-014	4.98	0.00	-13.81
	226	0.00	0.48	-1.42e-014	-4.98	0.00	-11.58
207	454	2.84e-014	-0.46	1.42e-014	0.94	0.00	-23.00
	455	-2.84e-014	0.46	-1.42e-014	-0.94	0.00	-1.36
208	197	-5.68e-014	3.77	2.84e-014	-32.68	0.00	147.98
	454	5.68e-014	-3.77	-2.84e-014	32.68	0.00	53.05

209	254	95.48	-1.60	-0.54	29.82	-13.97	-36.63
	255	-95.48	1.60	0.54	-29.82	43.54	-50.70
210	253	120.51	-3.35e-002	-0.56	-4.35	-8.95	-12.87
	254	-120.51	3.35e-002	0.56	4.35	39.25	11.05
211	252	122.94	-3.65e-002	-0.15	-7.20	-4.09	-9.80
	253	-122.94	3.65e-002	0.15	7.20	12.17	7.81
212	251	122.91	3.09e-002	-4.57e-002	-7.65	-1.65	-9.29
	252	-122.91	-3.09e-002	4.57e-002	7.65	4.14	10.97
213	250	122.87	-8.18e-003	-1.82e-002	-7.83	-0.49	-9.97
	251	-122.87	8.18e-003	1.82e-002	7.83	1.48	9.52
214	249	122.92	6.99e-003	-1.24e-002	-7.87	0.22	-9.41
	250	-122.92	-6.99e-003	1.24e-002	7.87	0.46	9.79
215	248	123.06	-1.82e-002	-2.10e-002	-7.73	1.28	-10.80
	249	-123.06	1.82e-002	2.10e-002	7.73	-0.14	9.81
216	247	123.51	1.39e-002	-5.26e-002	-7.22	3.96	-8.37
	248	-123.51	-1.39e-002	5.26e-002	7.22	-1.10	9.13
217	246	120.67	-6.68e-002	-0.12	-5.87	10.42	-14.43
	247	-120.67	6.68e-002	0.12	5.87	-4.06	10.79
218	443	92.95	2.43	-0.17	-3.76	23.49	89.33
	246	-92.95	-2.43	0.17	3.76	-14.17	43.24
219	448	-2.84e-014	5.37	-1.42e-014	35.97	0.00	81.26
	197	2.84e-014	-5.37	1.42e-014	-35.97	0.00	211.23
220	225	-2.84e-014	0.13	1.42e-014	-0.95	0.00	-0.32
	448	2.84e-014	-0.13	-1.42e-014	0.95	0.00	7.38
221	447	-2.84e-014	0.12	0.00	-6.10	0.00	-10.22
	225	2.84e-014	-0.12	0.00	6.10	0.00	16.55
222	224	-2.84e-014	-4.31e-002	1.42e-014	-7.45	0.00	-9.69
	447	2.84e-014	4.31e-002	-1.42e-014	7.45	0.00	7.34
223	446	2.84e-014	8.61e-003	1.42e-014	-7.86	0.00	-9.89
	224	-2.84e-014	-8.61e-003	-1.42e-014	7.86	0.00	10.36
224	223	2.84e-014	-9.33e-003	0.00	-7.99	4.55e-013	-9.94
	446	-2.84e-014	9.33e-003	0.00	7.99	4.55e-013	9.43
225	445	-5.68e-014	1.70e-002	1.42e-014	-8.05	0.00	-9.06
	223	5.68e-014	-1.70e-002	-1.42e-014	8.05	0.00	9.99
226	222	-2.84e-014	-3.74e-002	0.00	-8.12	0.00	-11.60
	445	2.84e-014	3.74e-002	0.00	8.12	0.00	9.56
227	444	-2.84e-014	-0.15	1.42e-014	-8.27	0.00	-12.74
	222	2.84e-014	0.15	-1.42e-014	8.27	0.00	4.75
228	193	-2.84e-014	-1.26	1.42e-014	-9.83	0.00	-52.66
	444	2.84e-014	1.26	-1.42e-014	9.83	0.00	-15.75
289	383	-1.42e-014	0.23	0.00	1.80	0.00	-0.60
	193	1.42e-014	-0.23	0.00	-1.80	0.00	14.40
290	221	-1.42e-014	0.74	0.00	-2.28	2.27e-013	13.54
	383	1.42e-014	-0.74	0.00	2.28	2.27e-013	31.69
291	442	183.60	2.54	-0.23	-4.10	4.69	29.17
	443	-183.60	-2.54	0.23	4.10	9.25	125.67
292	441	119.27	-8.64e-002	-2.77e-002	-4.34	-0.27	-9.79
	442	-119.27	8.64e-002	2.77e-002	4.34	1.96	4.51
293	440	84.05	-7.77e-002	3.40e-003	-3.78	-0.46	-10.24
	441	-84.05	7.77e-002	-3.40e-003	3.78	0.25	5.50
294	439	52.81	-8.88e-002	1.36e-003	-3.60	-0.19	-6.25

	440	-52.81	8.88e-002	-1.36e-003	3.60	0.10	0.83
295	380	-7.11e-014	0.86	0.00	-3.17	0.00	19.81
	221	7.11e-014	-0.86	0.00	3.17	0.00	32.74
296	220	-7.11e-014	0.91	0.00	-3.46	0.00	23.60
	380	7.11e-014	-0.91	0.00	3.46	0.00	31.93
297	379	4.26e-014	0.89	-7.11e-015	-3.54	4.55e-013	25.33
	220	-4.26e-014	-0.89	7.11e-015	3.54	2.27e-013	28.96
298	219	2.84e-014	0.90	0.00	-3.55	2.27e-013	28.38
	379	-2.84e-014	-0.90	0.00	3.55	0.00	26.31
299	438	21.33	-6.81e-002	-7.35e-004	-3.56	-9.87e-003	-4.00
	439	-21.33	6.81e-002	7.35e-004	3.56	5.47e-002	-0.15
300	437	-10.32	-7.41e-002	-2.81e-003	-3.54	0.17	-1.29
	438	10.32	7.41e-002	2.81e-003	3.54	-2.66e-003	-3.23
301	436	-41.89	-6.47e-002	-8.28e-003	-3.48	0.61	1.16
	437	41.89	6.47e-002	8.28e-003	3.48	-0.11	-5.10
302	435	-73.45	-0.10	-2.44e-002	-3.31	1.92	2.71
	436	73.45	0.10	2.44e-002	3.31	-0.43	-9.07
303	376	2.84e-014	0.88	0.00	-3.54	2.27e-013	29.59
	219	-2.84e-014	-0.88	0.00	3.54	4.55e-013	24.12
304	218	-7.11e-014	0.93	0.00	-3.48	0.00	35.79
	376	7.11e-014	-0.93	0.00	3.48	0.00	20.75
305	375	-2.84e-014	0.90	0.00	-3.24	1.14e-013	33.31
	218	2.84e-014	-0.90	0.00	3.24	1.14e-013	21.62
306	190	-1.42e-014	2.94	0.00	-2.67	1.14e-013	124.22
	375	1.42e-014	-2.94	0.00	2.67	1.14e-013	55.32
307	434	-105.83	-8.82e-002	-6.70e-002	-2.80	5.68	5.65
	435	105.83	8.82e-002	6.70e-002	2.80	-1.59	-11.04
308	413	-137.20	0.17	-0.15	-1.55	14.93	21.67
	434	137.20	-0.17	0.15	1.55	-5.58	-11.27
309	412	-135.77	-0.31	6.15e-002	3.03e-002	4.69	7.05
	413	135.77	0.31	-6.15e-002	-3.03e-002	-8.07	-24.35
310	411	-115.59	-8.09e-003	3.70e-002	0.67	1.41	8.67
	412	115.59	8.09e-003	-3.70e-002	-0.67	-3.45	-9.12
311	372	-8.53e-014	1.15	-7.11e-015	1.18	0.00	20.04
	190	8.53e-014	-1.15	7.11e-015	-1.18	0.00	42.97
312	217	-8.53e-014	-0.35	3.55e-015	1.20	0.00	0.98
	372	8.53e-014	0.35	-3.55e-015	-1.20	0.00	-20.38
313	371	-8.53e-014	-0.37	3.55e-015	1.27	-1.14e-013	-3.10
	217	8.53e-014	0.37	-3.55e-015	-1.27	0.00	-17.13
314	216	-8.53e-014	-0.43	7.11e-015	1.28	-1.14e-013	-4.39
	371	8.53e-014	0.43	-7.11e-015	-1.28	0.00	-19.39
315	410	-101.87	2.41e-002	1.64e-002	1.05	0.41	9.01
	411	101.87	-2.41e-002	-1.64e-002	-1.05	-1.31	-7.68
316	409	-90.34	3.61e-002	6.34e-003	1.20	0.10	7.98
	410	90.34	-3.61e-002	-6.34e-003	-1.20	-0.45	-5.99
317	408	-79.11	2.43e-002	2.91e-003	1.25	-4.44e-002	6.98
	409	79.11	-2.43e-002	-2.91e-003	-1.25	-0.12	-5.65
318	407	-67.83	2.76e-002	2.78e-003	1.26	-0.21	6.11
	408	67.83	-2.76e-002	-2.78e-003	-1.26	5.48e-002	-4.59
319	368	-5.68e-014	-0.42	7.11e-015	1.28	1.14e-013	-5.24
	216	5.68e-014	0.42	-7.11e-015	-1.28	1.14e-013	-17.67

320	215	-2.84e-014	-0.42	-1.07e-014	1.25	0.00	-6.33
	368	2.84e-014	0.42	1.07e-014	-1.25	-1.14e-013	-16.96
321	367	0.00	-0.41	8.88e-015	1.16	-1.14e-013	-6.54
	215	0.00	0.41	-8.88e-015	-1.16	-5.68e-014	-16.12
322	214	0.00	-0.44	5.33e-015	0.86	1.14e-013	-9.52
	367	0.00	0.44	-5.33e-015	-0.86	0.00	-14.90
323	406	-56.54	2.21e-002	6.15e-003	1.27	-0.59	5.13
	407	56.54	-2.21e-002	-6.15e-003	-1.27	0.25	-3.92
324	405	-45.27	3.39e-002	2.30e-002	1.27	-1.81	4.50
	406	45.27	-3.39e-002	-2.30e-002	-1.27	0.54	-2.63
325	404	-33.89	4.33e-002	0.10	0.81	-6.43	3.98
	405	33.89	-4.33e-002	-0.10	-0.81	0.76	-1.60
326	363	-23.98	3.09e-002	-1.52e-002	-8.48	1.28	0.52
	404	23.98	-3.09e-002	1.52e-002	8.48	-0.44	1.18
327	364	-2.84e-014	-0.42	-1.07e-014	-0.37	5.68e-014	-7.12
	214	2.84e-014	0.42	1.07e-014	0.37	-1.14e-013	-15.88
328	187	-5.68e-014	-1.56	7.99e-015	-10.88	-8.53e-014	-53.85
	364	5.68e-014	1.56	-7.99e-015	10.88	2.84e-014	-31.78
389	362	-22.99	-0.11	-0.12	7.45	-3.53	-0.63
	363	22.99	0.11	0.12	-7.45	11.42	-6.15
390	361	-16.19	2.44e-002	-0.16	-2.40	-1.84	2.05
	362	16.19	-2.44e-002	0.16	2.40	12.05	-0.49
391	302	2.84e-014	-0.88	1.55e-015	9.74	4.97e-014	-15.85
	187	-2.84e-014	0.88	-1.55e-015	-9.74	-1.07e-014	-40.24
392	213	-8.53e-014	-0.21	-1.11e-015	-1.41	9.59e-014	-6.35
	302	8.53e-014	0.21	1.11e-015	1.41	4.26e-014	-7.21
393	301	-8.53e-014	-0.22	1.33e-015	-2.69	-1.42e-014	-5.82
	213	8.53e-014	0.22	-1.33e-015	2.69	-5.68e-014	-8.27
394	212	2.84e-014	-0.20	1.78e-015	-3.05	-1.14e-013	-6.63
	301	-2.84e-014	0.20	-1.78e-015	3.05	5.68e-014	-6.26
395	360	-8.34	2.71e-002	-4.45e-002	-2.94	-0.83	1.55
	361	8.34	-2.71e-002	4.45e-002	2.94	3.68	0.19
396	359	-7.49e-002	1.52e-002	-1.34e-002	-3.08	-0.28	0.46
	360	7.49e-002	-1.52e-002	1.34e-002	3.08	1.13	0.52
397	358	8.24	1.90e-002	-4.94e-003	-3.13	-4.20e-002	-2.03e-002
	359	-8.24	-1.90e-002	4.94e-003	3.13	0.36	1.24
398	357	16.56	1.80e-002	-3.68e-003	-3.14	0.14	-0.75
	358	-16.56	-1.80e-002	3.68e-003	3.14	0.10	1.90
399	298	1.42e-014	-0.21	5.33e-015	-3.14	0.00	-7.27
	212	-1.42e-014	0.21	-5.33e-015	3.14	-5.68e-014	-6.05
400	211	1.42e-014	-0.20	0.00	-3.16	1.71e-013	-7.85
	298	-1.42e-014	0.20	0.00	3.16	5.68e-014	-5.27
401	297	1.42e-014	-0.21	3.55e-015	-3.16	5.68e-014	-8.97
	211	-1.42e-014	0.21	-3.55e-015	3.16	0.00	-4.68
402	210	0.00	-0.19	-1.78e-015	-3.11	-1.14e-013	-8.15
	297	0.00	0.19	1.78e-015	3.11	0.00	-3.97
403	356	24.86	2.43e-002	-7.74e-003	-3.10	0.53	-1.14
	357	-24.86	-2.43e-002	7.74e-003	3.10	-3.44e-002	2.70
404	355	33.22	9.69e-003	-2.24e-002	-2.95	1.72	-2.51
	356	-33.22	-9.69e-003	2.24e-002	2.95	-0.28	3.13
405	354	42.34	-2.18e-003	-6.20e-002	-2.48	5.20	-3.22

	355	-42.34	2.18e-003	6.20e-002	2.48	-1.23	3.08
406	333	55.64	-0.13	-0.14	-1.27	13.81	-10.58
	354	-55.64	0.13	0.14	1.27	-4.95	2.35
407	294	-8.53e-014	-0.18	-7.11e-015	-2.91	0.00	-9.53
	210	8.53e-014	0.18	7.11e-015	2.91	0.00	-1.72
408	181	1.42e-014	0.67	-3.55e-015	-2.44	0.00	29.00
	294	-1.42e-014	-0.67	3.55e-015	2.44	0.00	13.82
409	332	62.42	6.14e-002	9.07e-002	0.41	5.36	-5.39
	333	-62.42	-6.14e-002	-9.07e-002	-0.41	-10.44	8.83
410	331	54.21	-3.92e-002	4.73e-002	1.25	1.63	-5.46
	332	-54.21	3.92e-002	-4.73e-002	-1.25	-4.28	3.26
411	292	0.00	1.76	-7.11e-015	1.62	-1.14e-013	28.59
	181	0.00	-1.76	7.11e-015	-1.62	0.00	70.15
412	209	0.00	0.35	0.00	1.79	1.14e-013	7.14
	292	0.00	-0.35	0.00	-1.79	0.00	12.19
413	291	0.00	0.37	0.00	1.91	-2.27e-013	5.70
	209	0.00	-0.37	0.00	-1.91	-4.55e-013	14.93
414	208	5.68e-014	0.33	-7.11e-015	1.94	0.00	6.97
	291	-5.68e-014	-0.33	7.11e-015	-1.94	2.27e-013	11.71
415	330	44.47	-3.58e-002	1.97e-002	1.69	0.47	-4.51
	331	-44.47	3.58e-002	-1.97e-002	-1.69	-1.58	2.51
416	329	34.88	-1.68e-002	7.49e-003	1.86	0.11	-3.19
	330	-34.88	1.68e-002	-7.49e-003	-1.86	-0.53	2.25
417	328	25.26	-2.31e-002	3.40e-003	1.91	-5.63e-002	-2.71
	329	-25.26	2.31e-002	-3.40e-003	-1.91	-0.13	1.42
418	327	15.62	-2.41e-002	3.06e-003	1.93	-0.25	-1.85
	328	-15.62	2.41e-002	-3.06e-003	-1.93	7.51e-002	0.50
419	288	5.68e-014	0.34	0.00	1.94	0.00	7.39
	208	-5.68e-014	-0.34	0.00	-1.94	0.00	11.80
420	207	0.00	0.35	7.11e-015	1.90	2.27e-013	8.68
	288	0.00	-0.35	-7.11e-015	-1.90	0.00	10.65
421	287	0.00	0.33	-7.11e-015	1.78	-2.27e-013	8.01
	207	0.00	-0.33	7.11e-015	-1.78	-2.27e-013	10.27
422	206	5.68e-014	0.40	0.00	1.38	0.00	13.33
	287	-5.68e-014	-0.40	0.00	-1.38	0.00	9.02
423	326	5.99	-1.17e-002	5.80e-003	1.94	-0.66	-0.83
	327	-5.99	1.17e-002	-5.80e-003	-1.94	0.34	0.17
424	325	-3.43	-4.11e-002	1.96e-002	2.01	-1.89	-0.93
	326	3.43	4.11e-002	-1.96e-002	-2.01	0.79	-1.37
425	324	-12.22	-6.05e-002	0.10	1.91	-6.65	-0.74
	325	12.22	6.05e-002	-0.10	-1.91	1.30	-2.65
426	283	-18.31	0.18	0.11	-4.94	-5.69	9.35
	324	18.31	-0.18	-0.11	4.94	-0.40	0.80
427	284	5.68e-014	0.35	0.00	-7.22e-002	0.00	7.74
	206	-5.68e-014	-0.35	0.00	7.22e-002	-2.27e-013	12.08
428	176	0.00	2.76	0.00	-10.06	-2.27e-013	109.33
	284	0.00	-2.76	0.00	10.06	0.00	45.35
444	282	-5.27	-2.19e-002	-0.59	3.56	-9.63	-1.67
	283	5.27	2.19e-002	0.59	-3.56	41.44	0.49
445	281	-4.64	-5.91e-002	-0.27	-6.03	-4.30	-1.42
	282	4.64	5.91e-002	0.27	6.03	18.82	-1.77

446	280	-8.41	-3.11e-002	-0.12	-6.58	1.78	-0.13
	281	8.41	3.11e-002	0.12	6.58	4.46	-1.55
447	279	-14.74	3.14e-002	-0.15	-6.12	10.78	2.01
	280	14.74	-3.14e-002	0.15	6.12	-2.88	-0.31
448	278	-32.26	0.37	-0.52	-7.32	41.24	15.57
	279	32.26	-0.37	0.52	7.32	-13.10	4.26
449	205	-2.84e-014	2.80	-1.42e-014	8.66	0.00	44.55
	176	2.84e-014	-2.80	1.42e-014	-8.66	-4.55e-013	106.52
450	204	0.00	0.22	-1.42e-014	-3.93	0.00	9.80
	205	0.00	-0.22	1.42e-014	3.93	-2.27e-013	1.91
451	203	-2.84e-014	0.21	1.42e-014	-6.18	0.00	3.59
	204	2.84e-014	-0.21	-1.42e-014	6.18	0.00	7.74
452	202	-5.68e-014	7.35e-002	2.84e-014	-6.34	-4.55e-013	4.90
	203	5.68e-014	-7.35e-002	-2.84e-014	6.34	0.00	-0.94
453	175	8.53e-014	-1.11	1.42e-014	-7.94	0.00	-42.69
	202	-8.53e-014	1.11	-1.42e-014	7.94	4.55e-013	-17.15
454	101	93.54	-257.86	-24.95	20.25	4122.38	-65804.47
	201	-93.54	257.86	24.95	-20.25	4859.16	-27026.42
455	100	57.79	-531.64	5.39	20.25	-2277.51	-134421.78
	200	-57.79	531.64	-5.39	-20.25	338.76	-56970.39
456	99	59.92	-365.68	-7.34	20.25	3601.45	-95069.49
	199	-59.92	365.68	7.34	-20.25	-960.69	-36574.57
457	98	107.25	248.44	64.87	64.80	-5703.30	65614.37
	198	-107.25	-248.44	-64.87	-64.80	-17650.61	23825.47
458	97	-406.21	232.11	4.33	20.25	-3363.93	59301.92
	197	406.21	-232.11	-4.33	-20.25	1804.94	24257.02
459	96	132.68	13.93	-39.01	20.25	6454.92	5787.29
	196	-132.68	-13.93	39.01	-20.25	7588.91	-773.19
460	95	125.85	-118.02	-23.38	20.25	3411.89	-28363.10
	195	-125.85	118.02	23.38	-20.25	5004.66	-14124.40
461	85	-152.98	0.57	-1.79	20.25	-597.58	368.11
	185	152.98	-0.57	1.79	-20.25	1240.63	-161.87
462	92	-119.14	-23.23	-2.28	20.25	-851.01	-7046.27
	192	119.14	23.23	2.28	-20.25	1671.48	-1318.16
463	93	-209.15	-50.27	1.54	20.25	-1941.56	-15119.44
	193	209.15	50.27	-1.54	-20.25	1385.41	-2975.99
464	94	-88.88	-38.56	10.88	20.25	-2661.56	-11020.15
	194	88.88	38.56	-10.88	-20.25	-1255.38	-2862.15
465	91	35.62	56.69	11.21	20.25	-2843.91	12198.14
	191	-35.62	-56.69	-11.21	-20.25	-1190.29	8208.54
466	90	341.88	74.00	4.11	20.25	-1773.23	15918.20
	190	-341.88	-74.00	-4.11	-20.25	293.05	10721.89
467	89	48.24	50.83	3.36	20.25	-1673.28	9334.83
	189	-48.24	-50.83	-3.36	-20.25	462.46	8962.39
468	84	-1.38	19.13	0.40	20.25	-738.67	2324.00
	184	1.38	-19.13	-0.40	-20.25	595.88	4564.04
469	83	58.92	132.88	-6.31	20.25	887.38	31884.75
	183	-58.92	-132.88	6.31	-20.25	1382.56	15952.73
470	86	30.53	69.50	-8.40	20.25	1027.83	16175.95
	186	-30.53	-69.50	8.40	-20.25	1996.36	8843.77
471	87	-107.33	-53.57	4.80	20.25	-1961.24	-13920.30

	187	107.33	53.57	-4.80	-20.25	234.54	-5364.99
472	88	58.11	-22.34	17.21	20.25	-3550.97	-6721.57
	188	-58.11	22.34	-17.21	-20.25	-2643.57	-1319.60
473	80	10.82	14.67	0.63	20.25	-621.27	2697.52
	180	-10.82	-14.67	-0.63	-20.25	394.95	2582.33
474	81	-142.65	54.47	0.52	20.25	-495.29	12723.85
	181	142.65	-54.47	-0.52	-20.25	309.50	6884.88
475	82	-38.41	39.08	5.79	20.25	-1191.52	8842.23
	182	38.41	-39.08	-5.79	-20.25	-893.27	5228.10
476	73	94.25	43.02	9.05	20.25	-2742.03	10244.41
	173	-94.25	-43.02	-9.05	-20.25	-517.09	5242.16
477	76	-23.98	107.46	-6.85	20.25	1090.90	25436.44
	176	23.98	-107.46	6.85	-20.25	1376.29	13247.89
478	72	45.11	-7.65	45.51	20.25	-10978.10	-2891.06
	172	-45.11	7.65	-45.51	-20.25	-5405.74	137.44
479	79	19.56	76.43	11.61	20.25	-2295.48	17599.79
	179	-19.56	-76.43	-11.61	-20.25	-1885.44	9915.96
480	75	-70.75	-29.12	-2.77	20.25	514.55	-9096.95
	175	70.75	29.12	2.77	-20.25	483.73	-1386.70
481	78	-0.95	-13.85	4.06	20.25	-593.14	-4958.01
	178	0.95	13.85	-4.06	-20.25	-868.74	-26.40
482	70	18.37	7.94	24.56	20.25	-5788.56	2494.48
	170	-18.37	-7.94	-24.56	-20.25	-3052.13	363.93
483	69	-72.26	2.81	44.42	20.25	-10437.94	636.71
	169	72.26	-2.81	-44.42	-20.25	-5552.66	375.30
484	66	-109.37	-3.92	-15.20	20.25	4551.39	-431.01
	166	109.37	3.92	15.20	-20.25	921.59	-979.89
485	67	72.21	-12.88	-3.45	20.25	1818.98	-1877.09
	167	-72.21	12.88	3.45	-20.25	-577.38	-2758.67
486	64	-29.55	-0.99	25.45	20.25	-6198.65	303.03
	164	29.55	0.99	-25.45	-20.25	-2964.95	-660.39
487	63	-59.45	0.65	39.88	20.25	-10069.12	516.65
	163	59.45	-0.65	-39.88	-20.25	-4286.68	-281.50
488	61	43.75	-6.50	-73.46	20.25	18978.27	-1087.24
	161	-43.75	6.50	73.46	-20.25	7465.78	-1252.35
489	60	-3.70	-1.50	-125.39	20.25	32256.36	-116.85
	160	3.70	1.50	125.39	-20.25	12882.78	-424.55
490	59	42.06	7.35	-96.06	20.25	25369.14	1501.91
	159	-42.06	-7.35	96.06	-20.25	9211.53	1145.30
491	62	-32.25	5.32	29.60	20.25	-7529.25	1211.17
	162	32.25	-5.32	-29.60	-20.25	-3126.67	703.83
492	65	55.19	14.90	-10.85	20.25	3601.58	2926.18
	165	-55.19	-14.90	10.85	-20.25	302.67	2439.20
493	68	-27.01	13.40	38.85	20.25	-8932.79	3400.20
	168	27.01	-13.40	-38.85	-20.25	-5051.42	1423.24
494	71	77.46	54.98	30.41	20.25	-6987.42	12888.63
	171	-77.46	-54.98	-30.41	-20.25	-3961.04	6905.88
495	74	19.90	115.44	1.71	20.25	126.15	27799.54
	174	-19.90	-115.44	-1.71	-20.25	-742.81	13760.01
496	77	46.41	81.57	7.32	20.25	-1183.59	19439.58
	177	-46.41	-81.57	-7.32	-20.25	-1452.29	9925.78

497	166	0.00	-25.04	3.55e-015	64.25	0.00	-4318.55
	167	0.00	25.04	-3.55e-015	-64.25	0.00	-2441.50
498	165	-1.14e-013	33.43	-1.78e-015	-94.49	0.00	5244.54
	166	1.14e-013	-33.43	1.78e-015	94.49	-9.09e-013	7457.47
499	163	1.14e-013	-23.53	4.44e-016	-46.35	0.00	-3618.57
	160	-1.14e-013	23.53	-4.44e-016	46.35	0.00	-6499.69
500	166	-1.14e-013	14.31	0.00	-63.61	1.14e-013	1914.29
	163	1.14e-013	-14.31	0.00	63.61	1.14e-013	3668.11
501	169	1.14e-013	1.90	-2.22e-016	138.01	5.68e-014	755.72
	166	-1.14e-013	-1.90	2.22e-016	-138.01	5.68e-014	59.88
502	172	0.00	45.25	0.00	376.55	5.68e-014	7029.43
	169	0.00	-45.25	0.00	-376.55	-1.14e-013	6544.38
503	160	2.27e-013	-6.22	-3.55e-015	-423.85	1.36e-012	-998.08
	161	-2.27e-013	6.22	3.55e-015	423.85	9.09e-013	-680.94
504	159	-2.27e-013	10.73	-3.55e-015	-103.23	9.09e-013	1791.06
	160	2.27e-013	-10.73	3.55e-015	103.23	9.09e-013	2287.23
505	162	0.00	-21.05	1.78e-015	-139.40	0.00	-2480.26
	159	0.00	21.05	-1.78e-015	139.40	0.00	-6572.70
506	165	0.00	7.32	-1.78e-015	327.89	2.27e-013	211.95
	162	0.00	-7.32	1.78e-015	-327.89	2.27e-013	2641.30
507	168	4.55e-013	2.34	-4.44e-016	-482.86	-1.14e-013	924.35
	165	-4.55e-013	-2.34	4.44e-016	482.86	-1.14e-013	82.81
508	171	-4.55e-013	25.23	4.44e-016	410.49	-1.14e-013	3894.53
	168	4.55e-013	-25.23	-4.44e-016	-410.49	0.00	3673.21
509	174	2.27e-013	-5.43	-2.22e-016	-252.26	1.14e-013	-1014.66
	171	-2.27e-013	5.43	2.22e-016	252.26	2.27e-013	-613.02
510	177	-4.55e-013	6.46	1.11e-015	44.77	-5.68e-014	1615.54
	174	4.55e-013	-6.46	-1.11e-015	-44.77	-2.27e-013	1680.37
511	164	-2.27e-013	-19.86	3.55e-015	-107.91	0.00	-1462.70
	161	2.27e-013	19.86	-3.55e-015	107.91	0.00	-7076.83
512	167	0.00	9.69	-1.78e-015	-768.30	4.55e-013	-648.62
	164	0.00	-9.69	1.78e-015	768.30	4.55e-013	4427.65
513	170	-2.27e-013	16.99	8.88e-016	566.29	2.27e-013	5521.88
	167	2.27e-013	-16.99	-8.88e-016	-566.29	4.55e-013	1784.33
514	173	2.27e-013	-1.38	1.78e-015	930.22	-7.96e-013	2057.01
	170	-2.27e-013	1.38	-1.78e-015	-930.22	-5.68e-013	-2469.75
515	176	1.14e-013	-12.59	-2.22e-016	180.11	8.53e-014	-1880.36
	173	-1.14e-013	12.59	2.22e-016	-180.11	-1.14e-013	-1898.04
516	179	1.14e-013	12.90	-4.44e-016	78.83	0.00	2907.76
	176	-1.14e-013	-12.90	4.44e-016	-78.83	0.00	3670.57
517	186	-1.42e-014	-1.01	0.00	123.10	1.14e-013	-38.06
	183	1.42e-014	1.01	0.00	-123.10	1.42e-013	-367.77
518	187	1.42e-014	-10.57	-4.44e-016	145.33	4.26e-014	-1707.39
	186	-1.42e-014	10.57	4.44e-016	-145.33	-2.84e-013	-1463.58
519	188	-7.11e-015	17.52	-4.44e-016	86.08	-2.84e-013	3968.83
	187	7.11e-015	-17.52	4.44e-016	-86.08	-1.14e-013	4965.77
520	196	0.00	-11.61	1.33e-015	-1330.64	0.00	-1641.43
	195	0.00	11.61	-1.33e-015	1330.64	-1.14e-013	-2971.78
521	197	0.00	-32.27	1.11e-015	-394.62	3.69e-013	-5239.58
	196	0.00	32.27	-1.11e-015	394.62	5.68e-014	-4441.47
522	198	-1.14e-013	52.61	0.00	114.67	5.68e-014	11564.97

	197	1.14e-013	-52.61	0.00	-114.67	5.68e-014	14214.74
523	200	0.00	-44.99	1.78e-015	1198.40	-2.84e-013	-7271.32
	201	0.00	44.99	-1.78e-015	-1198.40	-5.68e-014	-6112.34
524	199	-2.27e-013	22.28	-6.66e-016	242.97	1.14e-013	4131.94
	200	2.27e-013	-22.28	6.66e-016	-242.97	1.71e-013	6286.19
525	185	0.00	-64.37	0.00	-943.18	0.00	-17543.32
	195	0.00	64.37	0.00	943.18	2.27e-013	-17699.02
526	184	1.14e-013	30.26	0.00	-308.02	-1.14e-013	5222.77
	185	-1.14e-013	-30.26	0.00	308.02	-2.27e-013	13236.89
527	183	0.00	42.91	-2.22e-016	-50.20	2.27e-013	15388.11
	184	0.00	-42.91	2.22e-016	50.20	5.68e-014	8211.75
528	196	3.55e-014	-34.90	4.44e-016	490.28	-2.27e-013	-6980.81
	201	-3.55e-014	34.90	-4.44e-016	-490.28	-2.27e-013	-21030.50
529	192	6.39e-014	-34.70	0.00	-1216.38	0.00	-16260.43
	196	-6.39e-014	34.70	0.00	1216.38	0.00	-2651.52
530	189	7.11e-014	49.54	0.00	-410.44	1.14e-013	12683.16
	192	-7.11e-014	-49.54	0.00	410.44	1.14e-013	17533.67
531	186	0.00	1.29	6.66e-016	52.02	0.00	4432.06
	189	0.00	-1.29	-6.66e-016	-52.02	-5.68e-014	-3720.77
532	180	1.07e-013	11.87	-1.11e-016	-388.94	4.26e-014	3475.18
	186	-1.07e-013	-11.87	1.11e-016	388.94	2.27e-013	4122.43
533	173	4.26e-014	1.05	4.44e-016	6.01	-2.27e-013	1480.06
	180	-4.26e-014	-1.05	-4.44e-016	-6.01	0.00	-892.84
534	172	5.68e-014	-5.92	1.42e-014	-919.70	9.09e-013	-3940.71
	173	-5.68e-014	5.92	-1.42e-014	919.70	9.09e-013	2343.43
535	171	8.53e-014	32.79	0.00	-410.96	0.00	7826.23
	172	-8.53e-014	-32.79	0.00	410.96	-4.55e-013	4632.50
536	174	0.00	42.18	-3.55e-015	-789.29	-1.82e-012	12907.71
	175	0.00	-42.18	3.55e-015	789.29	-9.09e-013	3122.11
537	198	-1.14e-013	-31.01	4.44e-016	81.31	-2.27e-013	-1022.26
	199	1.14e-013	31.01	-4.44e-016	-81.31	-2.27e-013	-23716.82
538	194	0.00	-4.93	0.00	1015.23	0.00	-9082.01
	198	0.00	4.93	0.00	-1015.23	-2.27e-013	6368.39
539	191	-1.14e-013	26.49	4.44e-016	14.70	1.14e-013	8361.36
	194	1.14e-013	-26.49	-4.44e-016	-14.70	1.14e-013	7796.35
540	188	1.14e-013	11.63	0.00	-597.37	1.71e-013	3534.20
	191	-1.14e-013	-11.63	0.00	597.37	5.68e-014	2861.55
541	182	1.14e-013	-9.10	0.00	198.66	-5.68e-014	-1847.68
	188	-1.14e-013	9.10	0.00	-198.66	-1.14e-013	-3977.58
542	179	-1.14e-013	19.56	-8.88e-016	-271.65	0.00	5000.41
	182	1.14e-013	-19.56	8.88e-016	271.65	2.27e-013	5953.97
543	178	-2.27e-013	18.00	7.11e-015	131.86	-9.09e-013	-143.32
	179	2.27e-013	-18.00	-7.11e-015	-131.86	9.09e-013	5002.40
544	177	1.14e-013	26.77	3.55e-015	-262.97	-4.55e-013	8430.78
	178	-1.14e-013	-26.77	-3.55e-015	262.97	-1.36e-012	1743.53
545	66	0.00	-54.48	0.00	571.59	0.00	-7733.21
	67	0.00	54.48	0.00	-571.59	-4.55e-013	-6975.23
546	65	0.00	16.63	8.88e-016	-150.79	0.00	2371.86
	66	0.00	-16.63	-8.88e-016	150.79	-4.55e-013	3945.66
547	63	2.27e-013	2296.75	0.00	236.21	9.09e-013	161117.04
	60	-2.27e-013	1895.75	0.00	-236.21	1.36e-012	-74903.19

548	66	-4.55e-013	1883.47	3.55e-015	-372.28	0.00	132754.66
	63	4.55e-013	1919.03	-3.55e-015	372.28	0.00	-139689.82
549	69	0.00	2077.84	0.00	158.39	2.27e-013	135045.71
	66	0.00	2114.66	0.00	-158.39	0.00	-142959.97
550	72	0.00	1187.21	-8.88e-016	-2456.16	4.55e-013	30998.90
	69	0.00	1737.79	8.88e-016	2456.16	4.55e-013	-113585.94
551	60	4.55e-013	-26.87	-7.11e-015	6105.19	9.09e-013	-4122.20
	61	-4.55e-013	26.87	7.11e-015	-6105.19	9.09e-013	-3131.44
552	59	2.27e-013	12.25	-3.55e-015	-2119.81	0.00	1797.18
	60	-2.27e-013	-12.25	3.55e-015	2119.81	0.00	2856.79
553	62	-2.27e-013	1333.05	-1.78e-015	-58.12	9.09e-013	96188.15
	59	2.27e-013	1117.95	1.78e-015	58.12	9.09e-013	-49939.80
554	65	-6.82e-013	1105.72	1.78e-015	315.78	0.00	76847.87
	62	6.82e-013	1117.28	-1.78e-015	-315.78	0.00	-79102.68
555	68	2.27e-013	1220.30	0.00	320.63	0.00	81258.70
	65	-2.27e-013	1230.70	0.00	-320.63	1.14e-013	-83496.84
556	71	0.00	733.12	0.00	3506.74	1.14e-013	25581.01
	68	0.00	976.88	0.00	-3506.74	-5.68e-013	-62144.18
557	74	0.00	-54.88	-3.77e-015	5975.18	6.25e-013	-3867.63
	71	0.00	54.88	3.77e-015	-5975.18	5.68e-013	-12595.70
558	77	-4.55e-013	15.69	-8.88e-016	-2012.95	0.00	3553.97
	74	4.55e-013	-15.69	8.88e-016	2012.95	0.00	4446.37
559	64	0.00	953.57	0.00	368.16	0.00	69176.55
	61	0.00	787.93	0.00	-368.16	4.55e-013	-33564.32
560	67	0.00	784.13	0.00	-492.55	-4.55e-013	54387.21
	64	0.00	795.37	0.00	492.55	-2.27e-013	-56580.68
561	70	0.00	872.65	8.88e-016	1000.70	-4.55e-013	59297.71
	67	0.00	868.85	-8.88e-016	-1000.70	-5.68e-013	-58478.87
562	73	0.00	501.35	-6.22e-015	2757.10	5.68e-013	15876.05
	70	0.00	713.65	6.22e-015	-2757.10	6.82e-013	-47722.45
563	76	0.00	-83.55	3.55e-015	5829.16	-2.42e-013	-10241.90
	73	0.00	83.55	-3.55e-015	-5829.16	3.98e-013	-14822.22
564	79	0.00	26.60	0.00	-511.58	1.42e-014	5642.02
	76	0.00	-26.60	0.00	511.58	1.42e-014	7921.91
565	86	-3.55e-015	-20.99	-8.88e-016	-4797.71	3.41e-013	-4292.03
	83	3.55e-015	20.99	8.88e-016	4797.71	2.27e-013	-4103.94
566	87	-1.24e-014	-6.42	2.89e-015	-1582.09	-8.53e-014	-1070.65
	86	1.24e-014	6.42	-2.89e-015	1582.09	-8.53e-014	-856.08
567	88	1.78e-015	14.39	-5.55e-017	415.24	1.42e-014	3551.50
	87	-1.78e-015	-14.39	5.55e-017	-415.24	0.00	3785.95
568	96	2.27e-013	-45.85	-2.22e-015	10803.76	0.00	-8158.24
	95	-2.27e-013	45.85	2.22e-015	-10803.76	-2.84e-013	-10068.71
569	97	-2.27e-013	-165.31	6.66e-016	10894.63	7.82e-014	-28927.94
	96	2.27e-013	165.31	-6.66e-016	-10894.63	-5.68e-014	-20666.28
570	98	-1.14e-013	106.44	-1.11e-016	-1738.80	1.42e-014	28944.37
	97	1.14e-013	-106.44	1.11e-016	1738.80	0.00	23214.16
571	100	0.00	-139.97	-6.66e-016	-28326.83	-5.13e-013	-23790.47
	101	0.00	139.97	6.66e-016	28326.83	5.68e-014	-17853.12
572	99	0.00	54.53	4.44e-016	9753.60	5.68e-013	16117.39
	100	0.00	-54.53	-4.44e-016	-9753.60	4.55e-013	9376.36
573	85	-5.68e-014	1824.10	1.78e-015	-1123.10	-4.55e-013	174116.78

	95	5.68e-014	1450.64	-1.78e-015	1123.10	0.00	-72813.91
574	84	5.68e-014	1884.55	-8.88e-016	23.37	0.00	203645.05
	85	-5.68e-014	1764.01	8.88e-016	-23.37	-3.41e-013	-168039.19
575	83	5.68e-014	1439.53	2.22e-016	502.02	2.27e-013	65543.49
	84	-5.68e-014	1850.26	-2.22e-016	-502.02	3.98e-013	-179441.10
576	96	-7.11e-015	2050.55	4.44e-016	220.99	0.00	293303.66
	101	7.11e-015	1545.72	-4.44e-016	-220.99	0.00	-92750.01
577	92	1.42e-014	2803.30	8.88e-016	-2238.91	0.00	259519.42
	96	-1.42e-014	2908.98	-8.88e-016	2238.91	0.00	-289240.38
578	89	-5.68e-014	3331.39	0.00	-155.98	-2.27e-013	353410.79
	92	5.68e-014	3062.17	0.00	155.98	-1.14e-013	-272455.30
579	86	1.14e-013	2743.81	0.00	903.76	-1.14e-013	217517.59
	89	-1.14e-013	3020.87	0.00	-903.76	0.00	-294650.37
580	80	-8.53e-014	1349.53	-1.11e-016	-418.84	0.00	135203.88
	86	8.53e-014	1530.47	1.11e-016	418.84	0.00	-193105.57
581	73	-7.11e-014	1171.63	8.88e-016	-860.27	0.00	85625.08
	80	7.11e-014	1348.37	-8.88e-016	860.27	-2.27e-013	-135110.36
582	72	2.84e-013	461.27	-1.42e-014	-5895.59	0.00	33147.81
	73	-2.84e-013	753.73	1.42e-014	5895.59	0.00	-72629.42
583	71	-1.42e-013	780.49	0.00	2278.06	0.00	18714.29
	72	1.42e-013	929.51	0.00	-2278.06	0.00	-47026.59
584	97	-8.53e-014	5015.83	0.00	-660.98	0.00	627308.01
	100	8.53e-014	4315.45	0.00	660.98	2.27e-013	-367203.31
585	93	2.84e-014	2893.58	-8.88e-016	751.74	-4.55e-013	263406.89
	97	-2.84e-014	3647.07	8.88e-016	-751.74	0.00	-476099.83
586	90	5.68e-014	3835.10	-4.44e-016	256.78	0.00	394943.10
	93	-5.68e-014	3485.63	4.44e-016	-256.78	-1.14e-013	-297582.31
587	87	-1.99e-013	3362.69	2.22e-016	-131.61	0.00	341836.84
	90	1.99e-013	3237.97	-2.22e-016	131.61	5.68e-014	-315041.31
588	81	-5.68e-014	3889.05	1.11e-016	548.85	-8.53e-014	399208.93
	87	5.68e-014	3791.71	-1.11e-016	-548.85	-1.14e-013	-378217.06
589	76	-8.53e-014	3100.77	-8.88e-016	459.59	0.00	225946.76
	81	8.53e-014	3619.89	8.88e-016	-459.59	0.00	-379078.25
590	75	1.14e-013	1366.50	0.00	-193.81	-1.82e-012	103509.83
	76	-1.14e-013	1873.82	0.00	193.81	-1.82e-012	-173806.90
591	74	5.68e-014	2104.96	0.00	95.93	-9.09e-013	59000.37
	75	-5.68e-014	2455.50	0.00	-95.93	-9.09e-013	-129183.71
592	98	-2.27e-013	3187.13	-4.44e-016	-335.51	0.00	419770.05
	99	2.27e-013	2530.94	4.44e-016	335.51	0.00	-172325.83
593	94	0.00	1832.38	8.88e-016	-1772.42	-4.55e-013	166598.50
	98	0.00	2287.02	-8.88e-016	1772.42	-6.82e-013	-297747.05
594	91	-1.14e-013	2396.87	0.00	-148.10	-2.27e-013	242304.91
	94	1.14e-013	2178.85	0.00	148.10	-1.14e-013	-185037.36
595	88	1.14e-013	2116.96	-4.44e-016	-84.00	0.00	217044.73
	91	-1.14e-013	2008.69	4.44e-016	84.00	5.68e-014	-194773.38
596	82	-1.14e-013	2433.74	0.00	580.67	-8.53e-014	249110.42
	88	1.14e-013	2367.02	0.00	-580.67	-5.68e-014	-237920.54
597	79	1.14e-013	1937.02	-8.88e-016	-351.78	-2.27e-013	138927.74
	82	-1.14e-013	2263.65	8.88e-016	351.78	0.00	-238159.69
598	78	4.55e-013	849.46	0.00	1151.05	0.00	65135.22
	79	-4.55e-013	1175.86	0.00	-1151.05	0.00	-111006.37

599	77	-2.27e-013	1296.75	3.55e-015	-270.26	0.00	30734.72
	78	2.27e-013	1553.70	-3.55e-015	270.26	9.09e-013	-83137.58
648	122	0.00	10.67	-1.24e-014	-1035.24	0.00	713.59
	47	0.00	-10.67	1.24e-014	1035.24	1.36e-012	639.57
649	121	0.00	1.42	-7.11e-015	-222.05	7.96e-013	117.61
	122	0.00	-1.42	7.11e-015	222.05	2.05e-012	62.15
650	120	0.00	0.19	-2.49e-014	141.35	2.27e-013	15.34
	121	0.00	-0.19	2.49e-014	-141.35	1.36e-012	8.90
651	48	2.27e-013	-5.66	-3.55e-014	943.72	2.73e-012	-167.66
	120	-2.27e-013	5.66	3.55e-014	-943.72	4.55e-013	-549.98
652	119	0.00	33.04	1.42e-014	-975.02	-1.36e-012	1112.92
	46	0.00	-33.04	-1.42e-014	975.02	-5.46e-012	1364.92
653	118	2.27e-013	-0.10	-1.07e-013	-100.13	-5.68e-012	94.13
	119	-2.27e-013	0.10	1.07e-013	100.13	-3.18e-012	-101.32
654	117	-2.27e-013	-1.57	-1.10e-013	225.54	3.87e-012	80.71
	118	2.27e-013	1.57	1.10e-013	-225.54	-7.96e-013	-198.68
655	47	0.00	-40.62	3.21e-014	1139.07	4.83e-013	-1741.83
	117	0.00	40.62	-3.21e-014	-1139.07	-3.50e-012	-1304.50
656	116	0.00	9.46	-2.84e-014	-810.92	0.00	649.49
	41	0.00	-9.46	2.84e-014	810.92	-4.55e-012	290.31
657	115	0.00	-0.70	2.84e-014	-86.47	-5.46e-012	-13.98
	116	0.00	0.70	-2.84e-014	86.47	-2.27e-012	-55.81
658	114	0.00	-1.76	5.68e-014	263.84	-2.27e-012	-18.86
	115	0.00	1.76	-5.68e-014	-263.84	9.09e-013	-156.53
659	46	0.00	-18.00	0.00	1045.40	-3.18e-012	-920.12
	114	0.00	18.00	0.00	-1045.40	4.55e-013	-868.30
660	113	3450.54	213.77	-223.39	-5675.21	4022.86	-23123.38
	48	-3450.54	-213.77	223.39	5675.21	17199.16	43431.58
661	112	2558.45	74.28	-55.81	1269.53	908.46	-11368.24
	113	-2558.45	-74.28	55.81	-1269.53	4393.12	18424.47
662	111	2497.81	50.18	36.06	2550.98	-5643.41	-4351.63
	112	-2497.81	-50.18	-36.06	-2550.98	2217.54	9118.52
663	5	2969.99	59.46	21.15	1249.35	2608.95	3328.34
	111	-2969.99	-59.46	-21.15	-1249.35	-4617.80	2320.16
664	110	3959.64	533.92	120.00	1079.04	-3242.89	-33730.50
	47	-3959.64	-533.92	-120.00	-1079.04	-8156.97	84453.30
665	109	2363.23	104.29	23.41	401.63	-658.45	-18824.33
	110	-2363.23	-104.29	-23.41	-401.63	-1565.87	28731.42
666	108	2415.79	60.24	-1.83	-1208.92	1078.63	-7538.78
	109	-2415.79	-60.24	1.83	1208.92	-904.91	13261.21
667	4	3811.22	125.14	-55.46	-1194.40	1573.18	9106.60
	108	-3811.22	-125.14	55.46	1194.40	3695.59	2781.82
668	107	3512.00	511.85	-46.90	-1980.97	1586.60	-28513.79
	46	-3512.00	-511.85	46.90	1980.97	2868.98	77139.92
669	106	2096.67	95.92	-11.18	-477.60	227.01	-17951.53
	107	-2096.67	-95.92	11.18	477.60	834.65	27064.37
670	105	2210.59	67.16	-3.62	647.33	-219.39	-7192.83
	106	-2210.59	-67.16	3.62	-647.33	563.21	13573.07
671	3	3608.68	134.67	34.94	888.59	-1401.81	9146.94
	105	-3608.68	-134.67	-34.94	-888.59	-1917.56	3646.92
672	104	2904.71	209.66	192.78	4017.64	-3384.94	-17543.81

	41	-2904.71	-209.66	-192.78	-4017.64	-14928.83	37461.40
673	103	2070.37	63.30	40.06	-1850.02	-656.17	-10081.61
	104	-2070.37	-63.30	-40.06	1850.02	-3149.58	16095.49
674	102	2039.92	48.69	-32.87	-2134.27	4312.84	-3738.68
	103	-2039.92	-48.69	32.87	2134.27	-1189.80	8363.89
675	1	2560.60	68.58	-10.80	-638.69	-2229.80	4296.14
	102	-2560.60	-68.58	10.80	638.69	3255.68	2219.34
676	54	-1.78e-014	3.65	1.11e-016	-144.84	-5.68e-014	5810.23
	57	1.78e-014	-3.65	-1.11e-016	144.84	1.14e-013	-2893.13
677	50	-5.47e-013	3679.71	0.00	-5872.67	-7.11e-014	368424.30
	54	5.47e-013	2850.72	0.00	5872.67	-8.53e-014	-148964.08
678	47	-3.06e-013	3505.39	0.00	-563.87	-1.14e-013	290556.17
	50	3.06e-013	3803.90	0.00	563.87	-1.14e-013	-389667.01
679	53	-5.68e-014	23.06	-5.55e-017	-277.73	-2.84e-014	23760.35
	58	5.68e-014	-23.06	5.55e-017	277.73	0.00	-5250.61
680	49	7.96e-013	3132.84	1.67e-016	-3866.08	-1.42e-014	309707.66
	53	-7.96e-013	2569.24	-1.67e-016	3866.08	-2.84e-014	-156126.69
681	46	1.14e-013	3060.49	4.44e-016	229.21	0.00	252993.05
	49	-1.14e-013	3321.65	-4.44e-016	-229.21	0.00	-332647.73
682	42	-1.14e-013	1829.60	6.11e-016	-593.15	-1.28e-013	185210.42
	52	1.14e-013	1434.89	-6.11e-016	593.15	-2.84e-014	-77159.78
683	41	-4.55e-013	1675.28	0.00	-957.71	0.00	114288.86
	42	4.55e-013	1961.87	0.00	957.71	1.14e-013	-201699.36
684	53	-1.14e-013	3.61	7.99e-015	-3717.12	-2.27e-013	8686.58
	52	1.14e-013	-3.61	-7.99e-015	3717.12	-6.82e-013	-7252.46
685	54	0.00	2017.41	8.88e-016	-5313.63	-2.27e-013	128655.11
	53	0.00	1588.64	-8.88e-016	5313.63	-7.67e-013	-64113.83
686	55	2.84e-014	2828.08	-5.33e-015	4785.57	3.98e-013	232234.17
	54	-2.84e-014	2777.43	5.33e-015	-4785.57	6.82e-013	-202762.79
687	57	-4.55e-013	2128.00	5.33e-015	6485.21	-2.27e-013	144472.86
	58	4.55e-013	1447.58	-5.33e-015	-6485.21	2.84e-013	-42979.49
688	56	-2.27e-013	2573.34	2.66e-015	-2772.06	1.42e-012	119825.88
	57	2.27e-013	3028.95	-2.66e-015	2772.06	1.48e-012	-225830.89
689	55	1.99e-013	9.62	-5.55e-017	3056.97	2.84e-014	18456.27
	56	-1.99e-013	-9.62	5.55e-017	-3056.97	9.95e-014	-10781.47
690	51	3.41e-013	2318.01	6.11e-016	5164.66	-2.49e-013	235433.22
	55	-3.41e-013	1791.87	-6.11e-016	-5164.66	-4.55e-013	-95968.28
691	48	2.27e-013	2110.80	0.00	3527.54	0.00	145418.30
	51	-2.27e-013	2453.49	0.00	-3527.54	0.00	-258003.93
692	34	1358.85	49.10	12.92	-101.66	-2422.83	3875.15
	77	-1358.85	-49.10	-12.92	101.66	-2100.12	13308.10
693	31	2054.29	92.68	7.40	-101.66	-1789.31	9225.99
	74	-2054.29	-92.68	-7.40	101.66	-800.82	23212.70
694	28	1645.96	30.15	39.17	-101.66	-5434.07	2258.68
	71	-1645.96	-30.15	-39.17	101.66	-8275.96	8294.09
695	25	2170.16	-5.13	47.27	-101.66	-6363.29	-1583.01
	68	-2170.16	5.13	-47.27	101.66	-10181.72	-214.09
696	22	2408.24	-5.30	-9.60	-101.66	160.55	-1306.83
	65	-2408.24	5.30	9.60	101.66	3198.19	-549.47
697	19	2418.09	-5.39	44.61	-101.66	-6058.30	-1048.36
	62	-2418.09	5.39	-44.61	101.66	-9556.22	-837.28

698	16	1172.25	0.44	-109.44	-101.66	11615.02	-84.78
	59	-1172.25	-0.44	109.44	101.66	26690.47	237.15
699	35	2402.22	-62.91	6.41	-101.66	-1414.06	-8973.90
	78	-2402.22	62.91	-6.41	101.66	-828.17	-13044.36
700	32	3751.24	-76.43	3.84	-101.66	-1119.88	-10174.82
	75	-3751.24	76.43	-3.84	101.66	-224.82	-16576.93
701	29	2623.10	-41.36	53.24	-101.66	-6786.75	-5945.25
	72	-2623.10	41.36	-53.24	101.66	-11847.14	-8531.56
702	26	3743.37	-18.04	49.73	-101.66	-6384.34	-3063.88
	69	-3743.37	18.04	-49.73	101.66	-11021.84	-3251.25
703	23	3817.65	-14.98	-18.07	-101.66	1394.28	-2416.77
	66	-3817.65	14.98	18.07	101.66	4931.54	-2825.88
704	20	4156.33	-6.61	51.16	-101.66	-6548.30	-1188.71
	63	-4156.33	6.61	-51.16	101.66	-11358.10	-1125.13
705	17	1852.94	-4.45	-143.41	-101.66	15773.30	-645.26
	60	-1852.94	4.45	143.41	101.66	34421.84	-912.35
706	36	3159.04	38.58	9.93	-101.66	-1633.13	2668.41
	79	-3159.04	-38.58	-9.93	101.66	-1843.71	10833.15
707	33	4840.47	80.57	-0.35	-101.66	-453.46	7836.38
	76	-4840.47	-80.57	0.35	101.66	575.70	20362.70
708	30	2604.50	19.65	16.32	-101.66	-2366.17	1053.97
	73	-2604.50	-19.65	-16.32	101.66	-3347.11	5823.31
709	27	1604.68	-7.36	26.69	-101.66	-3555.67	-1838.50
	70	-1604.68	7.36	-26.69	101.66	-5786.70	-738.08
710	24	1779.66	-18.29	-9.99	-101.66	652.66	-2796.60
	67	-1779.66	18.29	9.99	101.66	2844.28	-3604.89
711	21	1719.39	-6.78	29.29	-101.66	-3853.36	-1207.53
	64	-1719.39	6.78	-29.29	101.66	-6397.22	-1163.74
712	18	858.55	-7.70	-85.85	-101.66	9354.56	-1017.62
	61	-858.55	7.70	85.85	101.66	20691.23	-1676.04
713	39	4658.97	1.49	-0.64	-101.66	-35.21	-1585.60
	82	-4658.97	-1.49	0.64	101.66	259.07	2108.49
714	38	7366.30	25.50	-1.26	-101.66	36.45	1519.29
	81	-7366.30	-25.50	1.26	101.66	406.03	7406.83
715	37	2708.72	-16.17	-0.30	-101.66	-73.84	-3055.06
	80	-2708.72	16.17	0.30	101.66	179.84	-2604.00
716	45	4556.49	-69.40	-3.80e-002	-101.66	335.72	-9718.44
	88	-4556.49	69.40	3.80e-002	101.66	-322.41	-14571.35
717	44	7026.26	-92.95	-1.10	-101.66	457.03	-12069.40
	87	-7026.26	92.95	1.10	101.66	-73.60	-20462.58
718	43	4290.25	43.57	-13.30	-101.66	1857.02	3798.28
	86	-4290.25	-43.57	13.30	101.66	2797.68	11451.70
719	40	1519.43	118.74	-14.21	-101.66	1961.75	12696.62
	83	-1519.43	-118.74	14.21	101.66	3012.47	28862.63
720	48	4441.19	240.29	-31.72	0.92	7308.56	48764.94
	91	-4441.19	-240.29	31.72	-0.92	3793.33	35335.02
721	47	7414.94	426.19	-6.60	1.47	925.66	85184.02
	90	-7414.94	-426.19	6.60	-1.47	1384.83	63983.59
722	46	6400.51	353.66	-18.24	1.47	3650.87	74354.35
	89	-6400.51	-353.66	18.24	-1.47	2733.02	49425.59
723	41	3733.43	170.39	5.27	0.92	-2247.56	37756.24

	84	-3733.43	-170.39	-5.27	-0.92	401.69	21879.52
724	51	3922.36	-25.33	12.16	0.92	-3244.05	-1417.29
	94	-3922.36	25.33	-12.16	-0.92	-1013.19	-7446.61
725	50	6170.06	-64.90	-12.83	1.47	3042.42	-3658.12
	93	-6170.06	64.90	12.83	-1.47	1446.60	-19055.99
726	49	5746.33	-20.57	-16.63	1.47	2887.25	-1309.90
	92	-5746.33	20.57	16.63	-1.47	2933.94	-5889.61
727	42	3435.13	27.32	-6.78	0.92	628.52	3851.33
	85	-3435.13	-27.32	6.78	-0.92	1744.05	5709.47
728	55	5687.84	141.72	400.98	2.93	-113281.37	-8186.67
	98	-5687.84	-141.72	-400.98	-2.93	-27062.80	57788.73
729	54	7984.94	201.51	-106.96	1.47	26925.78	-8507.50
	97	-7984.94	-201.51	106.96	-1.47	10509.39	79036.05
730	53	5211.66	-105.58	-128.87	1.47	24349.04	-35267.49
	96	-5211.66	105.58	128.87	-1.47	20755.31	-1684.97
731	52	1622.33	-184.29	-26.70	0.92	3742.34	-30789.40
	95	-1622.33	184.29	26.70	-0.92	5601.46	-33710.58
732	56	2645.40	-311.97	173.72	0.92	-45661.06	-22151.26
	99	-2645.40	311.97	-173.72	-0.92	-15141.90	-87036.92
733	57	4178.73	-704.19	-137.99	1.47	32079.82	-51514.04
	100	-4178.73	704.19	137.99	-1.47	16215.81	-194952.29
734	58	1779.24	-185.47	-89.27	0.92	17819.04	-9492.95
	101	-1779.24	185.47	89.27	-0.92	13424.13	-55421.63
735	15	3203.75	19.51	-104.55	-151.34	14810.82	-2951.60
	58	-3203.75	-19.51	104.55	151.34	24919.34	10367.05
736	14	9332.04	129.46	-202.40	-230.66	27817.67	7409.54
	57	-9332.04	-129.46	202.40	230.66	49095.56	41785.55
737	13	5209.12	29.31	270.00	-151.34	-31782.50	-2454.25
	56	-5209.12	-29.31	-270.00	151.34	-70818.12	13591.54
738	9	3053.62	-215.71	-15.43	-151.34	2970.32	-31835.17
	52	-3053.62	215.71	15.43	151.34	2893.45	-50133.03
739	10	9396.22	-417.11	-113.94	-230.66	15711.61	-59859.97
	53	-9396.22	417.11	113.94	230.66	27587.44	-98641.79
740	11	15634.15	-511.86	-167.85	-230.66	22388.62	-72026.47
	54	-15634.15	511.86	167.85	230.66	41394.68	-122478.50
741	12	10317.41	-329.26	418.39	-302.33	-44734.87	-48759.23
	55	-10317.41	329.26	-418.39	302.33	-114254.10	-76361.04
742	2	7226.59	-99.15	1.79	-151.34	311.66	-17335.68
	42	-7226.59	99.15	-1.79	151.34	-993.09	-20340.27
743	6	12200.82	-105.66	-6.82	-151.34	1382.90	-18520.44
	49	-12200.82	105.66	6.82	151.34	1208.04	-21630.17
744	7	13653.67	-90.94	-10.96	-151.34	1897.98	-16971.92
	50	-13653.67	90.94	10.96	151.34	2266.39	-17584.60
745	8	8693.85	-107.88	20.90	-151.34	-2065.58	-19557.80
	51	-8693.85	107.88	-20.90	151.34	-5877.72	-21436.75

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-9.15e-002	0.40	-0.12	-1.03	0.28	-2.26
	472	-9.22e-002	0.39	1.72e-002	-0.49	-0.56	-2.89
	473	3.79e-002	0.40	-6.80e-002	-1.95	-3.12e-002	-2.74
	382	3.86e-002	0.41	-0.20	-1.68	-1.10	-2.11
105	378	8.35e-003	0.42	3.41e-002	-0.36	5.57e-002	-1.98
	467	1.39e-002	0.51	-6.42e-003	-0.10	-3.96e-003	-2.12

	472	-8.50e-002	0.50	-2.90e-002	-0.23	-0.37	-2.40
	381	-9.06e-002	0.41	1.15e-002	-0.71	-9.34e-002	-2.25
106	377	-1.27e-002	0.32	4.32e-002	-0.12	2.28e-002	-1.82
	466	-2.04e-003	0.49	1.59e-002	-2.62e-002	3.60e-002	-1.87
	467	1.28e-002	0.49	1.36e-003	-1.21e-002	-0.15	-2.00
	378	2.07e-003	0.32	2.86e-002	-0.31	2.38e-002	-1.95
107	374	-2.21e-003	0.28	4.90e-002	-3.51e-002	9.65e-003	-1.78
	465	6.72e-003	0.42	1.88e-002	-7.26e-003	1.81e-002	-1.79
	466	-6.49e-003	0.42	2.51e-002	6.03e-003	-4.06e-002	-1.84
	377	-1.54e-002	0.28	5.54e-002	-0.10	2.15e-002	-1.82
108	373	-1.80e-003	0.23	5.47e-002	-1.02e-002	4.07e-003	-1.77
	464	5.69e-003	0.34	1.69e-002	-2.04e-003	7.05e-003	-1.77
	465	1.68e-003	0.34	1.34e-002	2.98e-003	-8.08e-003	-1.78
	374	-5.81e-003	0.23	5.12e-002	-3.13e-002	1.05e-002	-1.78
109	370	-7.12e-004	0.18	5.28e-002	-3.05e-003	1.41e-003	-1.76
	459	5.01e-003	0.26	1.62e-002	-5.57e-004	2.11e-003	-1.76
	464	6.85e-004	0.26	1.79e-002	9.78e-004	-7.61e-004	-1.77
	373	-5.04e-003	0.18	5.45e-002	-8.94e-003	4.32e-003	-1.77
110	369	2.21e-005	0.12	5.36e-002	-1.45e-003	-3.15e-004	-1.76
	458	4.11e-003	0.19	1.67e-002	-1.12e-004	-6.98e-004	-1.76
	459	1.82e-005	0.19	1.60e-002	2.62e-004	7.58e-005	-1.76
	370	-4.07e-003	0.12	5.29e-002	-2.66e-003	1.31e-003	-1.76
111	366	8.72e-004	7.41e-002	5.33e-002	-1.80e-003	-2.71e-003	-1.76
	457	3.28e-003	0.11	1.65e-002	5.35e-005	-4.21e-003	-1.76
	458	-8.84e-004	0.11	1.68e-002	2.96e-005	-8.56e-004	-1.76
	369	-3.30e-003	7.38e-002	5.36e-002	-1.28e-003	-6.46e-004	-1.76
112	365	1.73e-003	2.31e-002	5.34e-002	-3.13e-003	-8.48e-003	-1.76
	456	2.49e-003	3.47e-002	1.66e-002	1.55e-004	-1.20e-002	-1.76
	457	-1.71e-003	3.44e-002	1.65e-002	-1.87e-005	-3.51e-003	-1.76
	366	-2.46e-003	2.28e-002	5.33e-002	-1.58e-003	-3.54e-003	-1.76
113	303	2.48e-003	-2.77e-002	5.34e-002	-4.05e-003	-2.40e-002	-1.75
	453	1.55e-003	-4.19e-002	1.65e-002	4.16e-004	-3.12e-002	-1.75
	456	-2.51e-003	-4.21e-002	1.64e-002	2.63e-004	-1.07e-002	-1.76
	365	-1.58e-003	-2.80e-002	5.33e-002	-2.45e-003	-1.07e-002	-1.76
114	300	3.52e-003	-7.91e-002	5.28e-002	1.46e-003	-6.43e-002	-1.74
	452	9.78e-004	-0.12	1.64e-002	3.06e-003	-7.97e-002	-1.74
	453	-3.43e-003	-0.12	1.71e-002	2.23e-003	-3.02e-002	-1.75
	303	-8.86e-004	-7.94e-002	5.36e-002	-1.80e-003	-3.14e-002	-1.75
115	299	2.94e-004	-0.13	5.61e-002	2.54e-002	-0.15	-1.70
	451	-3.97e-003	-0.19	1.70e-002	2.55e-002	-0.21	-1.71
	452	-3.98e-003	-0.19	1.38e-002	1.28e-002	-7.60e-002	-1.74
	300	2.85e-004	-0.13	5.29e-002	7.22e-003	-0.10	-1.73
116	296	6.66e-003	-0.18	5.35e-002	-1.67e-002	-0.25	-1.57
	450	7.90e-004	-0.27	1.06e-002	0.13	-0.61	-1.59
	451	-9.12e-003	-0.27	2.08e-002	5.74e-002	-0.13	-1.73
	299	-3.25e-003	-0.18	6.37e-002	2.21e-002	-0.32	-1.71
117	295	-2.21e-003	-0.22	0.10	-1.39	-0.30	-1.04
	449	-1.27e-002	-0.38	6.49e-002	-0.49	-2.35	-0.56
	450	-6.00e-003	-0.38	1.16e-002	4.67e-002	0.11	-1.38
	296	4.53e-003	-0.22	4.60e-002	-0.26	-0.88	-1.86
118	245	7.43e-002	-0.24	2.80e-002	7.18	-4.28	-3.03
	255	5.25e-002	-0.57	7.03e-002	-34.61	-4.79	3.18
	449	-2.58e-002	-0.58	0.15	-2.78	3.52	5.11
	295	-4.08e-003	-0.24	0.11	-3.50	2.98	-1.09
119	290	-0.22	0.63	-3.25e-002	-1.12	0.39	-1.79
	381	-0.23	0.39	6.22e-002	-1.10	0.32	-2.13
	382	0.17	0.42	-0.44	-1.94	-1.20	-2.17

	293	0.18	0.66	-0.53	-1.58	-1.19	-1.83
120	289	-1.01e-002	0.34	-3.55e-002	-0.43	0.14	-1.67
	378	-5.06e-003	0.42	-3.56e-003	-0.44	0.13	-1.96
	381	-0.23	0.40	0.19	-0.91	-8.05e-002	-2.04
	290	-0.24	0.33	0.16	-0.92	1.76e-002	-1.75
121	286	-8.88e-003	0.17	0.12	-0.13	4.79e-002	-1.72
	377	1.06e-003	0.32	7.67e-002	-0.14	3.69e-002	-1.82
	378	-1.13e-002	0.32	-9.01e-003	-0.27	5.25e-002	-1.84
	289	-2.13e-002	0.17	3.15e-002	-0.31	7.26e-002	-1.74
122	285	-1.30e-003	0.14	6.32e-002	-3.84e-002	1.76e-002	-1.75
	374	7.78e-003	0.28	5.83e-002	-4.23e-002	1.26e-002	-1.78
	377	-1.63e-003	0.28	8.89e-002	-8.07e-002	3.18e-002	-1.78
	286	-1.07e-002	0.14	9.38e-002	-9.22e-002	3.15e-002	-1.75
123	265	-2.93e-003	0.11	7.96e-002	-1.12e-002	6.18e-003	-1.76
	373	4.45e-003	0.23	7.15e-002	-1.22e-002	4.75e-003	-1.77
	374	4.18e-003	0.23	6.05e-002	-2.40e-002	1.34e-002	-1.77
	285	-3.20e-003	0.11	6.86e-002	-2.64e-002	1.17e-002	-1.76
124	264	-1.48e-003	8.81e-002	7.34e-002	-3.42e-003	1.95e-003	-1.76
	370	4.27e-003	0.18	6.74e-002	-3.48e-003	1.62e-003	-1.76
	373	1.22e-003	0.18	7.13e-002	-7.08e-003	4.98e-003	-1.76
	265	-4.53e-003	8.79e-002	7.73e-002	-7.35e-003	4.15e-003	-1.76
125	263	-8.35e-004	6.23e-002	7.56e-002	-1.58e-003	1.43e-004	-1.76
	369	3.24e-003	0.13	6.89e-002	-1.21e-003	-9.45e-005	-1.76
	370	9.13e-004	0.12	6.75e-002	-2.30e-003	1.49e-003	-1.76
	264	-3.16e-003	6.22e-002	7.41e-002	-2.13e-003	1.32e-003	-1.76
126	262	4.00e-005	3.70e-002	7.48e-002	-1.91e-003	-1.52e-003	-1.76
	366	2.45e-003	7.42e-002	6.82e-002	-8.50e-004	-2.18e-003	-1.76
	369	-7.67e-005	7.40e-002	6.88e-002	-1.35e-003	-4.78e-004	-1.76
	263	-2.49e-003	3.69e-002	7.53e-002	-9.81e-004	-5.86e-005	-1.76
127	261	9.16e-004	1.15e-002	7.52e-002	-3.49e-003	-5.22e-003	-1.76
	365	1.67e-003	2.31e-002	6.87e-002	-7.66e-004	-7.13e-003	-1.76
	366	-8.78e-004	2.29e-002	6.83e-002	-1.86e-003	-3.12e-003	-1.76
	262	-1.63e-003	1.14e-002	7.48e-002	-1.06e-003	-1.68e-003	-1.76
128	260	1.54e-003	-1.38e-002	7.46e-002	-5.09e-003	-1.58e-002	-1.75
	303	6.24e-004	-2.78e-002	6.78e-002	1.34e-003	-2.08e-002	-1.75
	365	-1.65e-003	-2.80e-002	6.86e-002	-2.88e-003	-9.71e-003	-1.76
	261	-7.39e-004	-1.39e-002	7.54e-002	-9.39e-004	-5.75e-003	-1.76
129	259	3.26e-003	-3.96e-002	7.61e-002	2.12e-003	-4.75e-002	-1.73
	300	6.75e-004	-7.93e-002	7.01e-002	1.27e-002	-5.69e-002	-1.73
	303	-2.74e-003	-7.95e-002	6.80e-002	-1.87e-003	-2.91e-002	-1.75
	260	-1.57e-004	-3.98e-002	7.40e-002	3.37e-003	-1.73e-002	-1.74
130	258	1.92e-003	-6.36e-002	7.18e-002	7.05e-002	-0.15	-1.68
	299	-2.34e-003	-0.13	6.46e-002	4.88e-002	-0.14	-1.70
	300	-2.56e-003	-0.13	7.02e-002	1.14e-002	-9.25e-002	-1.73
	259	1.70e-003	-6.36e-002	7.74e-002	3.01e-002	-4.65e-002	-1.70
131	257	-1.24e-003	-8.98e-002	7.93e-002	0.47	-0.48	-1.65
	296	-7.34e-003	-0.18	8.72e-002	8.24e-002	-0.19	-1.76
	299	-5.88e-003	-0.18	7.21e-002	6.03e-002	-0.33	-1.69
	258	2.21e-004	-8.97e-002	6.43e-002	0.16	-0.10	-1.58
132	256	-0.10	-6.36e-002	7.38e-002	1.78	-1.34	-2.03
	295	-0.11	-0.22	5.36e-002	6.53e-002	0.16	-2.34
	296	-9.47e-003	-0.22	7.97e-002	8.88e-002	-1.10	-1.75
	257	8.91e-004	-5.71e-002	0.10	0.75	-0.27	-1.45
133	235	8.72e-002	-1.12e-003	0.20	22.71	6.28	-1.75
	245	7.16e-002	-0.24	0.12	-19.59	-3.99	-1.97
	295	-0.11	-0.25	6.20e-002	-0.24	3.34	-1.54
	256	-0.10	-1.30e-002	0.14	2.44	-4.60	-1.33

134	471	0.12	7.85e-003	1.44	-0.30	0.19	-1.10
	290	0.16	0.66	0.23	-1.08	0.48	-1.64
	293	0.23	0.66	-0.99	-1.78	-1.14	-1.89
	200	0.19	1.22e-002	0.23	-1.51	-0.43	-1.34
135	470	-1.67e-002	-1.09e-003	1.00e-002	-0.10	4.84e-002	-1.51
	289	5.56e-003	0.34	-6.37e-002	-0.35	0.10	-1.65
	290	0.14	0.35	0.42	-0.69	7.66e-002	-1.50
	471	0.12	7.85e-003	0.49	-0.23	-4.01e-002	-1.36
136	229	-9.98e-003	-6.48e-004	0.16	-3.46e-002	1.48e-002	-1.67
	286	1.11e-003	0.17	0.14	-0.10	3.52e-002	-1.72
	289	-5.63e-003	0.17	3.31e-003	-0.28	7.75e-002	-1.64
	470	-1.67e-002	-1.09e-003	1.78e-002	-1.80e-002	7.74e-004	-1.59
137	469	-3.42e-003	-2.22e-004	6.96e-002	-1.12e-002	4.57e-003	-1.73
	285	5.84e-003	0.14	6.80e-002	-3.06e-002	1.35e-002	-1.75
	286	-7.14e-004	0.14	0.12	-9.25e-002	2.99e-002	-1.72
	229	-9.98e-003	-6.48e-004	0.12	3.10e-003	2.21e-003	-1.70
138	468	-3.67e-003	-2.39e-004	9.50e-002	-3.55e-003	1.46e-003	-1.75
	265	3.68e-003	0.11	9.04e-002	-8.79e-003	4.83e-003	-1.76
	285	3.94e-003	0.11	7.34e-002	-2.88e-002	1.03e-002	-1.75
	469	-3.42e-003	-2.22e-004	7.80e-002	2.23e-003	1.05e-003	-1.74
139	228	-2.31e-003	-1.50e-004	8.63e-002	-1.16e-003	4.35e-004	-1.76
	264	3.44e-003	8.84e-002	8.22e-002	-2.52e-003	1.56e-003	-1.76
	265	2.08e-003	8.83e-002	8.81e-002	-8.75e-003	3.50e-003	-1.76
	468	-3.67e-003	-2.39e-004	9.22e-002	9.68e-004	4.31e-004	-1.76
140	463	-1.66e-003	-1.08e-004	8.94e-002	-5.66e-004	4.43e-005	-1.76
	263	2.42e-003	6.26e-002	8.51e-002	-8.29e-004	1.92e-004	-1.76
	264	1.76e-003	6.25e-002	8.30e-002	-2.77e-003	1.08e-003	-1.76
	228	-2.31e-003	-1.50e-004	8.73e-002	3.82e-004	1.56e-004	-1.76
141	462	-7.92e-004	-5.15e-005	8.82e-002	-8.01e-004	-2.57e-004	-1.76
	262	1.62e-003	3.71e-002	8.40e-002	-3.21e-004	-9.81e-004	-1.76
	263	7.60e-004	3.71e-002	8.49e-002	-1.28e-003	-3.20e-005	-1.76
	463	-1.66e-003	-1.08e-004	8.91e-002	1.74e-004	2.21e-006	-1.76
142	227	8.46e-005	5.50e-006	8.90e-002	-2.05e-003	-8.57e-004	-1.76
	261	8.32e-004	1.15e-002	8.48e-002	7.70e-004	-3.58e-003	-1.76
	262	-4.47e-005	1.15e-002	8.40e-002	-1.33e-003	-1.28e-003	-1.76
	462	-7.92e-004	-5.15e-005	8.82e-002	2.73e-004	-2.13e-004	-1.76
143	461	7.63e-004	4.96e-005	8.76e-002	-5.80e-003	-2.49e-003	-1.75
	260	-1.43e-004	-1.39e-002	8.34e-002	6.28e-003	-1.13e-002	-1.75
	261	-8.22e-004	-1.40e-002	8.50e-002	-1.80e-003	-4.35e-003	-1.76
	227	8.46e-005	5.50e-006	8.92e-002	1.08e-003	-8.22e-004	-1.76
144	460	1.87e-003	1.22e-004	9.13e-002	-1.69e-002	-7.28e-003	-1.71
	259	-7.29e-004	-3.99e-002	8.73e-002	3.04e-002	-3.59e-002	-1.71
	260	-1.84e-003	-3.99e-002	8.27e-002	-1.27e-004	-1.27e-002	-1.74
	461	7.63e-004	4.96e-005	8.67e-002	4.28e-003	-2.72e-003	-1.74
145	226	6.24e-004	4.05e-005	8.07e-002	-4.96e-002	-2.21e-002	-1.59
	258	-3.53e-003	-6.39e-002	7.50e-002	0.13	-0.12	-1.61
	259	-2.29e-003	-6.39e-002	8.87e-002	1.64e-002	-3.15e-002	-1.70
	460	1.87e-003	1.22e-004	9.44e-002	1.56e-002	-8.59e-003	-1.69
146	455	-4.33e-004	-2.82e-005	0.11	-9.11e-002	-5.97e-002	-1.19
	257	-6.29e-003	-9.01e-002	0.11	0.55	-0.44	-1.28
	258	-5.23e-003	-9.01e-002	6.74e-002	0.12	-5.60e-002	-1.60
	226	6.24e-004	4.05e-005	6.79e-002	6.11e-002	-3.36e-002	-1.51
147	454	4.19e-002	2.72e-003	-4.31e-002	0.38	2.75e-002	0.25
	256	3.81e-002	-5.46e-002	-2.16e-002	3.22	-1.07	-0.51
	257	-4.16e-003	-5.74e-002	0.13	0.78	-0.32	-1.52
	455	-4.33e-004	-2.82e-005	0.11	0.38	-0.23	-0.75
148	197	0.12	7.85e-003	5.23e-003	38.48	6.10	4.34

	235	0.12	1.04e-003	0.40	-4.63	6.53	-2.86
	256	4.14e-002	-4.09e-003	4.88e-002	5.49	-4.29	-0.79
	454	4.19e-002	2.72e-003	-0.35	3.61	-4.07	6.41
149	244	1.61e-002	-0.44	5.66e-002	-3.63	1.33	0.43
	254	1.39e-002	-0.48	0.16	-2.56	2.71	-5.71
	255	5.91e-002	-0.47	0.11	-36.16	-9.78	-4.93
	245	6.14e-002	-0.44	5.18e-003	8.26	-6.65	1.22
150	243	-1.37e-003	-0.42	-1.92e-002	-0.37	-1.46	1.93
	253	-1.36e-002	-0.60	-5.53e-003	0.13	-0.30	1.51
	254	5.69e-003	-0.60	3.91e-002	-0.30	-4.15	0.27
	244	1.79e-002	-0.41	2.55e-002	-1.59	-1.40	0.69
151	242	9.86e-003	-0.40	6.52e-003	-4.33e-002	-0.51	2.04
	252	-3.89e-003	-0.61	4.48e-003	7.00e-002	-0.28	2.05
	253	-1.44e-002	-0.62	-5.30e-003	0.17	-1.24	1.76
	243	-6.21e-004	-0.40	-3.26e-003	-0.18	-0.65	1.75
152	241	6.38e-003	-0.41	-2.33e-005	-1.99e-002	-0.16	2.14
	251	-6.94e-003	-0.61	-2.41e-003	1.36e-002	-0.12	2.14
	252	-3.88e-003	-0.61	-6.23e-004	3.46e-002	-0.43	2.06
	242	9.44e-003	-0.41	1.77e-003	-5.22e-002	-0.29	2.06
153	240	6.81e-003	-0.41	-1.84e-004	-1.44e-003	-4.68e-002	2.18
	250	-6.58e-003	-0.61	1.58e-004	5.67e-004	-3.18e-002	2.18
	251	-6.93e-003	-0.61	5.44e-004	6.82e-003	-0.16	2.15
	241	6.46e-003	-0.41	2.02e-004	-2.88e-002	-0.11	2.16
154	239	6.40e-003	-0.41	1.65e-003	3.37e-002	-2.01e-003	2.18
	249	-6.97e-003	-0.62	1.19e-003	-4.08e-003	3.00e-002	2.18
	250	-6.60e-003	-0.62	-9.91e-004	3.41e-003	-5.53e-002	2.18
	240	6.77e-003	-0.41	-5.39e-004	-3.89e-003	-3.14e-002	2.19
155	238	8.21e-003	-0.41	-3.80e-003	0.12	4.76e-002	2.12
	248	-5.18e-003	-0.62	-3.22e-003	-9.31e-003	0.14	2.11
	249	-7.01e-003	-0.62	3.11e-003	6.11e-003	-9.21e-003	2.17
	239	6.37e-003	-0.41	2.52e-003	3.46e-002	9.59e-003	2.18
156	237	9.20e-003	-0.41	1.08e-002	0.33	0.19	1.94
	247	-4.51e-003	-0.62	1.41e-002	-4.19e-003	0.42	1.90
	248	-5.32e-003	-0.62	-5.65e-003	1.87e-002	4.53e-002	2.07
	238	8.39e-003	-0.41	-8.95e-003	0.12	6.27e-002	2.11
157	236	-1.35e-002	-0.42	-4.98e-002	0.64	0.69	1.49
	246	-2.55e-002	-0.61	-4.73e-002	7.93e-002	1.10	1.41
	247	-3.59e-003	-0.60	2.02e-002	5.28e-002	0.25	1.78
	237	8.40e-003	-0.42	1.78e-002	0.32	0.20	1.86
158	433	-1.64e-002	-0.49	0.11	1.22	2.14	0.76
	443	-1.47e-002	-0.47	-0.10	-0.25	2.42	0.74
	246	-1.64e-002	-0.47	-0.24	7.44e-002	1.22	1.26
	236	-1.81e-002	-0.49	-2.36e-002	0.66	0.91	1.28
159	234	0.12	-0.33	5.91e-002	2.39	-5.58	0.67
	244	0.12	-0.43	-1.12e-002	-0.43	1.93	0.90
	245	5.87e-002	-0.44	0.10	-20.51	-5.95	0.44
	235	6.56e-002	-0.33	0.17	23.42	5.22	0.22
160	233	6.48e-003	-0.25	4.49e-002	0.71	-0.56	1.55
	243	-4.48e-003	-0.42	5.37e-003	-5.69e-002	-1.61	1.86
	244	0.12	-0.41	-4.24e-002	0.18	-0.73	2.04
	234	0.13	-0.24	-2.87e-003	1.46	-1.90	1.73
161	232	7.70e-003	-0.20	-1.19e-002	0.12	-0.18	1.94
	242	-5.51e-003	-0.40	-1.00e-003	-2.12e-002	-0.50	2.02
	243	-3.73e-003	-0.40	2.13e-002	0.10	-0.52	1.96
	233	9.48e-003	-0.20	1.04e-002	0.26	-0.72	1.87
162	231	5.76e-003	-0.20	3.87e-003	1.07e-002	-6.88e-002	2.13
	241	-7.63e-003	-0.41	2.35e-003	-2.40e-002	-0.15	2.14

	242	-5.92e-003	-0.41	-5.76e-003	3.03e-002	-0.24	2.08
	232	7.46e-003	-0.20	-4.25e-003	-1.78e-002	-0.23	2.06
163	230	7.00e-003	-0.20	-1.24e-003	4.69e-003	-2.30e-002	2.19
	240	-6.36e-003	-0.41	-5.25e-004	-9.53e-003	-4.42e-002	2.19
	241	-7.54e-003	-0.41	2.58e-003	4.30e-003	-9.06e-002	2.16
	231	5.81e-003	-0.20	1.86e-003	-2.99e-002	-7.41e-002	2.17
164	477	6.22e-003	-0.20	1.42e-003	3.22e-002	-3.94e-003	2.21
	239	-7.15e-003	-0.41	9.19e-004	1.60e-002	-7.40e-003	2.20
	240	-6.40e-003	-0.41	-8.80e-004	1.20e-002	-2.63e-002	2.19
	230	6.98e-003	-0.20	-3.80e-004	-5.45e-003	-2.42e-002	2.21
165	476	6.46e-003	-0.20	-1.77e-003	0.11	1.12e-002	2.19
	238	-6.90e-003	-0.41	-9.12e-004	6.96e-002	2.60e-002	2.16
	239	-7.18e-003	-0.41	1.79e-003	4.84e-002	6.64e-003	2.19
	477	6.18e-003	-0.20	9.40e-004	3.34e-002	-6.87e-003	2.22
166	475	7.73e-003	-0.20	7.57e-003	0.35	4.87e-002	2.11
	237	-5.62e-003	-0.41	7.14e-004	0.21	0.13	2.03
	238	-6.72e-003	-0.41	-6.06e-003	0.15	4.43e-002	2.12
	476	6.62e-003	-0.20	8.00e-004	0.12	8.45e-003	2.20
167	474	8.07e-002	-0.22	-2.10e-002	1.04	0.26	1.83
	236	6.80e-002	-0.42	-1.16e-002	0.60	0.58	1.59
	237	-6.42e-003	-0.42	7.67e-003	0.42	0.12	1.90
	475	6.35e-003	-0.22	-1.80e-003	0.39	4.29e-002	2.13
168	423	2.01e-002	-0.26	4.02e-002	2.57	2.21	1.02
	433	5.04e-003	-0.49	6.20e-002	0.35	2.01	0.78
	236	6.34e-002	-0.49	1.46e-002	0.93	0.75	1.38
	474	7.85e-002	-0.25	-7.25e-003	0.99	-0.11	1.61
169	448	-5.71e-002	-3.71e-003	-0.54	3.73	-4.09	-6.94
	234	-7.91e-002	-0.34	-3.87e-002	5.16	-4.93	0.14
	235	0.10	-0.33	0.37	-5.28	5.65	1.42
	197	0.12	7.85e-003	-0.13	38.97	5.85	-5.66
170	225	5.16e-003	3.35e-004	2.72e-002	0.39	-0.24	0.90
	233	-1.10e-002	-0.25	6.54e-002	0.67	-0.50	1.60
	234	-7.32e-002	-0.25	-0.10	3.21	-1.47	0.24
	448	-5.71e-002	-3.71e-003	-0.14	0.12	-9.29e-002	-0.46
171	447	8.28e-003	5.38e-004	-2.07e-002	6.74e-002	-4.17e-002	1.87
	232	-4.88e-003	-0.20	-1.80e-002	6.82e-002	-0.11	1.96
	233	-8.01e-003	-0.20	3.09e-002	0.57	-0.60	1.50
	225	5.16e-003	3.35e-004	2.82e-002	-0.19	-0.10	1.42
172	224	6.33e-003	4.11e-004	7.55e-003	1.62e-002	-1.07e-002	2.12
	231	-7.07e-003	-0.21	5.85e-003	-5.89e-003	-4.78e-002	2.14
	232	-5.12e-003	-0.21	-1.03e-002	0.12	-0.18	2.00
	447	8.28e-003	5.38e-004	-8.62e-003	-8.58e-002	-3.70e-002	1.99
173	446	6.84e-003	4.44e-004	-1.74e-003	4.66e-003	-2.75e-003	2.20
	230	-6.50e-003	-0.20	-1.52e-003	-2.05e-003	-1.77e-002	2.20
	231	-7.01e-003	-0.20	3.84e-003	2.56e-002	-5.31e-002	2.16
	224	6.33e-003	4.11e-004	3.63e-003	-2.89e-002	-1.25e-002	2.16
174	223	6.54e-003	4.25e-004	8.04e-004	4.07e-003	5.33e-004	2.23
	477	-6.82e-003	-0.21	5.21e-004	2.07e-002	-5.60e-003	2.22
	230	-6.52e-003	-0.21	-6.60e-004	1.35e-002	-1.66e-002	2.21
	446	6.84e-003	4.44e-004	-3.77e-004	-7.22e-003	-4.78e-003	2.21
175	445	7.78e-003	5.06e-004	5.47e-004	1.20e-002	4.39e-003	2.24
	476	-5.62e-003	-0.21	1.78e-003	7.57e-002	-5.98e-004	2.23
	477	-6.86e-003	-0.21	4.23e-005	3.54e-002	-4.31e-003	2.22
	223	6.54e-003	4.25e-004	-1.19e-003	4.79e-003	-3.25e-003	2.23
176	222	4.18e-003	2.72e-004	-4.29e-003	5.24e-002	1.65e-002	2.25
	475	-9.06e-003	-0.20	-4.61e-003	0.22	5.24e-003	2.21
	476	-5.46e-003	-0.20	4.35e-003	0.11	8.79e-003	2.20

	445	7.78e-003	5.06e-004	4.66e-003	2.22e-002	-6.18e-003		2.25
177	444	9.46e-003	6.15e-004	4.34e-002	0.32	8.59e-002		2.24
	474	-5.16e-003	-0.22	2.55e-002	0.61	0.11		2.10
	475	-1.04e-002	-0.22	-1.40e-002	0.36	3.40e-002		2.13
	222	4.18e-003	2.72e-004	3.98e-003	7.21e-002	-2.73e-002		2.28
178	193	7.17e-002	4.66e-003	7.63e-002	3.92	0.89		1.81
	423	5.48e-002	-0.26	-1.18e-002	1.19	2.00		0.85
	474	-7.42e-003	-0.26	3.92e-002	1.28	-0.36		1.75
	444	9.46e-003	6.15e-004	0.13	0.43	-0.35		2.70
229	432	6.33e-002	-0.39	-0.12	0.43	-0.28		1.13
	442	2.88e-002	-0.92	-0.34	0.24	0.69		1.11
	443	-4.43e-002	-0.92	-0.15	-1.45	-1.05		0.89
	433	-9.83e-003	-0.39	6.34e-002	2.00	0.43		0.90
230	431	4.77e-004	-0.38	-7.12e-002	0.19	-0.18		1.08
	441	-1.36e-002	-0.60	-7.19e-003	7.94e-002	-3.28e-002		1.14
	442	4.98e-002	-0.59	-9.10e-002	0.11	-0.18		1.19
	432	6.39e-002	-0.38	-0.16	0.40	-7.22e-002		1.13
231	430	-2.21e-003	-0.28	-0.11	5.99e-002	-4.95e-002		1.00
	440	-1.12e-002	-0.42	-3.37e-002	1.47e-002	-5.49e-002		1.03
	441	-2.09e-003	-0.42	-8.01e-003	1.12e-002	-2.50e-002		1.08
	431	6.88e-003	-0.28	-8.49e-002	0.16	-7.89e-002		1.05
232	429	-1.13e-003	-0.18	-0.10	1.53e-002	-1.24e-002		0.99
	439	-6.83e-003	-0.26	-2.40e-002	1.84e-003	-2.05e-002	9.95e-001	
	440	-9.87e-004	-0.26	-3.26e-002	-4.30e-003	-1.23e-002		1.01
	430	4.71e-003	-0.18	-0.10	4.45e-002	-3.68e-002		1.01
233	428	-3.20e-003	-7.12e-002	-0.10	6.30e-003	-1.20e-003		0.99
	438	-5.53e-003	-0.11	-2.95e-002	-4.01e-004	-8.63e-004		0.99
	439	3.45e-003	-0.11	-2.59e-002	-2.22e-003	-7.08e-003		0.99
	429	5.77e-003	-7.06e-002	-0.10	1.02e-002	-1.24e-002		0.99
234	427	-5.10e-003	3.39e-002	-0.10	1.17e-002	7.60e-003		0.98
	437	-3.96e-003	5.13e-002	-2.64e-002	-1.96e-003	1.80e-002		0.98
	438	4.79e-003	5.19e-002	-2.89e-002	-1.34e-003	-2.54e-003		0.99
	428	3.66e-003	3.44e-002	-0.10	4.85e-003	-3.10e-004		0.99
235	426	-6.19e-003	0.14	-0.10	3.48e-002	3.00e-002		0.96
	436	-1.68e-003	0.21	-3.11e-002	-5.58e-003	6.29e-002		0.95
	437	6.34e-003	0.21	-2.73e-002	-2.52e-003	2.86e-003		0.97
	427	1.84e-003	0.14	-0.10	1.12e-002	1.18e-002		0.98
236	425	-1.51e-003	0.24	-9.44e-002	0.10	0.11		0.88
	435	6.61e-003	0.37	-1.98e-002	-1.25e-002	0.20		0.87
	436	8.62e-003	0.37	-2.74e-002	-6.51e-003	1.88e-002		0.94
	426	5.01e-004	0.24	-0.10	3.28e-002	4.02e-002		0.95
237	424	-3.50e-002	0.35	-0.12	0.23	0.37		0.69
	434	-2.33e-002	0.53	-3.82e-002	-7.76e-003	0.59		0.66
	435	1.72e-002	0.53	-2.13e-002	-1.64e-002	8.90e-002		0.83
	425	5.49e-003	0.35	-0.10	8.62e-002	0.12		0.86
238	403	-2.35e-003	0.43	-3.30e-002	0.16	1.15		0.25
	413	1.41e-002	0.69	-8.73e-003	0.24	1.57		0.21
	434	-1.31e-002	0.69	-6.24e-002	-4.48e-002	0.39		0.54
	424	-2.95e-002	0.43	-8.67e-002	0.18	0.42		0.57
239	422	-6.99e-002	-0.17	-0.16	0.87	-0.88		0.81
	432	-8.42e-002	-0.39	-0.13	0.67	-0.29		1.09
	433	1.16e-002	-0.39	1.39e-002	-0.29	0.61		1.06
	423	2.60e-002	-0.17	-1.99e-002	3.08	1.46		0.79
240	421	2.27e-003	-0.17	-0.12	0.31	-0.13		0.86
	431	-1.13e-002	-0.38	-0.10	0.26	-0.22		1.05
	432	-8.37e-002	-0.39	-0.16	0.59	-2.91e-002		1.09
	422	-7.01e-002	-0.18	-0.18	0.71	-0.15		0.90

241	420	2.78e-003	-0.14	-0.14	7.82e-002	-2.45e-002	0.95
	430	-6.23e-003	-0.28	-0.14	7.00e-002	-5.13e-002	9.97e-001
	431	-4.89e-003	-0.28	-0.12	0.16	-8.76e-002	9.97e-001
	421	4.12e-003	-0.14	-0.12	0.16	-0.11	0.95
242	419	7.82e-004	-8.74e-002	-0.13	1.80e-002	-6.81e-003	0.98
	429	-5.04e-003	-0.18	-0.12	1.62e-002	-1.18e-002	0.99
	430	6.96e-004	-0.18	-0.13	3.82e-002	-4.01e-002	0.98
	420	6.52e-003	-8.70e-002	-0.14	3.29e-002	-4.02e-002	0.97
243	418	-1.52e-003	-3.58e-002	-0.14	6.58e-003	-1.16e-003	0.99
	428	-3.82e-003	-7.12e-002	-0.13	3.98e-003	-1.72e-003	0.99
	429	1.86e-003	-7.08e-002	-0.12	9.16e-003	-1.29e-002	0.99
	419	4.16e-003	-3.54e-002	-0.13	5.87e-003	-1.16e-002	0.98
244	417	-2.89e-003	1.70e-002	-0.13	1.15e-002	3.31e-003	0.98
	427	-1.78e-003	3.41e-002	-0.12	3.72e-003	4.62e-003	0.98
	428	3.04e-003	3.44e-002	-0.13	5.63e-003	-5.01e-004	0.99
	418	1.93e-003	1.73e-002	-0.14	3.06e-003	-2.00e-003	0.99
245	416	-5.44e-003	6.94e-002	-0.14	3.45e-002	1.38e-002	0.97
	426	-8.33e-004	0.14	-0.13	1.02e-002	2.02e-002	0.97
	427	5.15e-003	0.14	-0.12	1.32e-002	1.08e-002	0.98
	417	5.39e-004	6.98e-002	-0.13	8.82e-003	3.94e-003	0.98
246	415	-8.73e-003	0.12	-0.12	0.11	4.91e-002	0.93
	425	-8.89e-004	0.24	-0.11	2.76e-002	7.64e-002	0.91
	426	5.86e-003	0.24	-0.13	3.82e-002	3.62e-002	0.95
	416	-1.99e-003	0.12	-0.14	2.75e-002	1.72e-002	0.97
247	414	-3.74e-002	0.18	-0.16	0.32	0.18	0.77
	424	-2.65e-002	0.35	-0.18	6.81e-002	0.29	0.72
	425	6.11e-003	0.35	-0.12	0.11	0.11	0.86
	415	-4.78e-003	0.18	-0.10	8.13e-002	5.88e-002	0.91
248	393	-3.99e-002	0.25	1.15e-002	0.45	0.79	0.28
	403	-2.84e-002	0.43	-7.61e-003	0.24	1.02	0.23
	424	-2.11e-002	0.43	-0.14	0.23	0.34	0.59
	414	-3.26e-002	0.26	-0.13	0.18	0.14	0.64
249	383	-1.82e-002	-1.19e-003	-8.66e-002	0.51	-0.39	-0.17
	422	-2.93e-002	-0.17	-0.12	1.02	-0.86	0.70
	423	6.07e-002	-0.17	-7.19e-002	0.76	1.38	1.02
	193	7.17e-002	4.66e-003	-3.98e-002	4.24	0.72	0.15
250	221	1.08e-002	7.01e-004	-0.15	7.89e-002	-3.60e-002	0.74
	421	-4.99e-004	-0.17	-0.16	0.25	-8.43e-002	0.85
	422	-2.95e-002	-0.17	-0.14	0.61	-0.16	0.64
	383	-1.82e-002	-1.19e-003	-0.13	0.11	-5.77e-004	0.54
251	380	3.67e-003	2.39e-004	-0.16	2.19e-002	-8.05e-003	0.92
	420	-5.77e-003	-0.15	-0.15	6.03e-002	-1.43e-002	0.95
	421	1.35e-003	-0.14	-0.15	0.20	-0.10	0.86
	221	1.08e-002	7.01e-004	-0.16	-2.61e-002	-1.45e-002	0.83
252	220	1.62e-003	1.05e-004	-0.16	5.82e-003	-1.79e-003	0.97
	419	-4.08e-003	-8.77e-002	-0.15	1.29e-002	-4.33e-003	0.98
	420	-2.03e-003	-8.76e-002	-0.15	5.53e-002	-3.31e-002	0.95
	380	3.67e-003	2.39e-004	-0.16	-1.72e-002	-6.09e-003	0.94
253	379	2.43e-004	1.58e-005	-0.16	2.14e-003	-2.20e-004	0.99
	418	-2.09e-003	-3.58e-002	-0.15	3.48e-003	-1.04e-003	0.99
	419	-7.09e-004	-3.58e-002	-0.15	1.47e-002	-8.97e-003	0.98
	220	1.62e-003	1.05e-004	-0.16	-6.15e-003	-1.93e-003	0.98
254	219	-1.20e-003	-7.80e-005	-0.16	2.99e-003	7.17e-004	0.99
	417	-7.85e-005	1.72e-002	-0.15	4.09e-003	1.63e-003	0.99
	418	1.36e-003	1.73e-002	-0.15	6.02e-003	-1.41e-003	0.99
	379	2.43e-004	1.58e-005	-0.16	-1.60e-003	-5.25e-004	0.99
255	376	-3.96e-003	-2.57e-004	-0.17	9.51e-003	2.81e-003	0.98

	416	5.93e-004	6.98e-002	-0.16	1.03e-002	7.47e-003	0.98
	417	3.35e-003	7.00e-002	-0.15	9.65e-003	3.17e-003	0.98
	219	-1.20e-003	-7.80e-005	-0.16	3.23e-004	5.33e-005	0.99
256	218	-2.27e-003	-1.48e-004	-0.15	3.45e-002	9.85e-003	0.95
	415	5.73e-003	0.12	-0.13	2.39e-002	2.69e-002	0.94
	416	4.05e-003	0.12	-0.16	2.76e-002	1.39e-002	0.97
	376	-3.96e-003	-2.57e-004	-0.17	1.78e-003	8.66e-004	0.98
257	375	5.07e-002	3.29e-003	-0.22	0.13	3.59e-002	0.84
	414	6.26e-002	0.19	-0.19	3.21e-002	0.10	0.82
	415	9.69e-003	0.18	-0.11	8.13e-002	4.90e-002	0.91
	218	-2.27e-003	-1.48e-004	-0.14	2.26e-003	3.45e-003	0.93
258	190	-0.11	-7.42e-003	-0.17	0.71	0.21	0.43
	393	-0.10	0.25	8.78e-002	0.36	0.66	0.24
	414	6.75e-002	0.26	-0.16	0.27	2.70e-002	0.66
	375	5.07e-002	3.29e-003	-0.41	5.33e-002	-2.54e-002	0.84
259	402	-4.95e-003	0.40	5.99e-002	0.17	0.29	-8.08e-002
	412	1.33e-002	0.68	5.37e-002	2.07e-002	0.40	-7.31e-002
	413	1.36e-002	0.68	3.14e-002	-6.63e-002	0.84	8.03e-002
	403	-4.58e-003	0.40	3.76e-002	0.34	0.78	7.26e-002
260	401	-5.47e-003	0.37	3.70e-002	8.44e-002	7.98e-002	-0.25
	411	8.03e-003	0.58	1.22e-002	1.18e-002	9.42e-002	-0.23
	412	6.68e-003	0.58	3.01e-002	1.82e-002	0.36	-0.12
	402	-6.82e-003	0.37	5.49e-002	0.18	0.25	-0.14
261	400	-2.26e-003	0.34	4.24e-002	3.37e-002	2.65e-002	-0.32
	410	8.85e-003	0.51	1.27e-002	3.93e-003	2.18e-002	-0.31
	411	3.55e-003	0.51	9.75e-003	-1.49e-003	0.14	-0.26
	401	-7.56e-003	0.34	3.95e-002	8.84e-002	7.33e-002	-0.27
262	399	-3.47e-003	0.30	3.82e-002	1.15e-002	6.93e-003	-0.34
	409	6.36e-003	0.45	1.06e-002	1.18e-003	2.73e-003	-0.34
	410	5.09e-003	0.45	1.17e-002	-2.63e-003	4.67e-002	-0.32
	400	-4.73e-003	0.30	3.93e-002	3.36e-002	2.08e-002	-0.33
263	398	-2.74e-003	0.26	3.86e-002	3.34e-003	-3.86e-003	-0.35
	408	5.86e-003	0.40	1.20e-002	4.40e-004	-7.17e-003	-0.35
	409	2.69e-003	0.40	1.15e-002	-1.08e-003	1.29e-002	-0.34
	399	-5.90e-003	0.26	3.81e-002	1.14e-002	3.58e-003	-0.35
264	397	-2.17e-003	0.23	3.80e-002	3.10e-003	-1.79e-002	-0.35
	407	5.21e-003	0.34	1.12e-002	7.93e-004	-2.24e-002	-0.35
	408	2.18e-003	0.34	1.18e-002	4.33e-004	-3.40e-003	-0.35
	398	-5.19e-003	0.23	3.85e-002	4.03e-003	-7.04e-003	-0.35
265	396	-1.22e-003	0.19	3.90e-002	1.36e-002	-4.50e-002	-0.34
	406	4.94e-003	0.28	1.28e-002	6.57e-003	-6.02e-002	-0.35
	407	1.52e-003	0.28	1.16e-002	4.51e-003	-2.06e-002	-0.35
	397	-4.64e-003	0.19	3.78e-002	5.11e-003	-2.82e-002	-0.35
266	395	-3.37e-003	0.15	3.67e-002	1.96e-002	-7.59e-002	-0.31
	405	1.49e-003	0.23	9.51e-003	3.76e-002	-0.18	-0.32
	406	1.26e-003	0.23	1.19e-002	2.11e-002	-3.93e-002	-0.35
	396	-3.60e-003	0.15	3.91e-002	1.32e-002	-0.10	-0.34
267	394	6.24e-003	0.11	4.41e-002	-0.31	-8.44e-002	-0.16
	404	9.89e-003	0.17	1.35e-002	-0.12	-0.69	-4.57e-002
	405	-2.23e-003	0.17	8.79e-003	3.55e-002	3.43e-002	-0.27
	395	-5.88e-003	0.11	3.93e-002	-5.02e-002	-0.28	-0.39
268	353	2.19e-002	8.34e-002	1.08e-002	2.04	-1.22	-0.78
	363	2.44e-002	0.12	-6.57e-003	-10.50	-1.42	1.12
	404	6.66e-003	0.12	1.45e-002	-0.85	1.08	1.67
	394	4.19e-003	8.23e-002	3.19e-002	-0.97	0.94	-0.22
269	392	3.00e-002	0.15	8.68e-002	0.22	4.77e-002	-0.14
	402	4.67e-002	0.40	5.41e-002	0.22	0.24	-0.10

	403	-3.06e-002	0.40	6.30e-002	4.76e-002	0.71	0.11
	393	-4.73e-002	0.14	0.10	0.59	0.65	7.58e-002
270	391	-4.01e-003	0.16	5.99e-002	0.10	2.90e-002	-0.31
	401	9.56e-003	0.37	5.26e-002	0.11	5.73e-002	-0.26
	402	4.48e-002	0.37	4.91e-002	0.14	0.21	-0.16
	392	3.12e-002	0.17	5.64e-002	0.27	0.12	-0.22
271	390	-4.20e-003	0.17	5.00e-002	3.28e-002	7.86e-003	-0.34
	400	6.89e-003	0.34	5.12e-002	4.10e-002	2.09e-002	-0.32
	401	7.47e-003	0.34	5.51e-002	5.15e-002	5.40e-002	-0.29
	391	-3.61e-003	0.17	5.38e-002	0.10	2.90e-002	-0.32
272	389	-4.31e-003	0.15	5.41e-002	1.05e-002	4.72e-004	-0.35
	399	5.54e-003	0.30	4.96e-002	1.46e-002	5.56e-003	-0.35
	400	4.41e-003	0.30	4.81e-002	1.86e-002	1.38e-002	-0.34
	390	-5.44e-003	0.15	5.26e-002	3.25e-002	8.09e-003	-0.34
273	388	-3.29e-003	0.13	5.34e-002	2.53e-003	-4.23e-003	-0.35
	398	5.32e-003	0.26	4.92e-002	5.77e-003	-3.52e-003	-0.35
	399	3.10e-003	0.26	4.95e-002	6.07e-003	1.44e-003	-0.35
	389	-5.50e-003	0.13	5.37e-002	1.10e-002	9.86e-004	-0.35
274	387	-2.93e-003	0.11	5.30e-002	2.29e-003	-1.45e-002	-0.35
	397	4.45e-003	0.23	4.84e-002	6.66e-003	-1.61e-002	-0.35
	398	2.86e-003	0.23	4.92e-002	2.28e-003	-7.19e-003	-0.35
	388	-4.52e-003	0.11	5.38e-002	5.21e-003	-4.03e-003	-0.35
275	386	-1.92e-003	9.41e-002	5.54e-002	2.27e-002	-4.64e-002	-0.33
	396	4.22e-003	0.19	5.13e-002	2.02e-002	-4.08e-002	-0.34
	397	1.98e-003	0.19	4.82e-002	5.87e-003	-2.73e-002	-0.35
	387	-4.16e-003	9.39e-002	5.23e-002	1.21e-002	-1.26e-002	-0.34
276	385	-1.27e-003	7.59e-002	4.83e-002	0.15	-0.15	-0.32
	395	3.69e-003	0.15	4.26e-002	4.62e-002	-6.23e-002	-0.36
	396	1.84e-003	0.15	5.13e-002	2.43e-002	-0.10	-0.34
	386	-3.11e-003	7.57e-002	5.71e-002	5.67e-002	-2.81e-002	-0.30
277	384	1.74e-002	5.16e-002	6.15e-002	0.65	-0.40	-0.42
	394	2.15e-002	0.11	6.67e-002	3.44e-002	3.77e-002	-0.53
	395	1.18e-003	0.11	4.52e-002	5.25e-002	-0.34	-0.36
	385	-2.93e-003	5.03e-002	4.00e-002	0.25	-8.55e-002	-0.25
278	343	1.94e-002	1.69e-002	-4.60e-003	7.00	2.03	-0.39
	353	2.38e-002	8.36e-002	2.03e-003	-5.79	-1.09	-0.48
	394	1.94e-002	8.33e-002	5.45e-002	9.49e-003	0.99	-0.34
	384	1.51e-002	1.66e-002	4.79e-002	0.80	-1.45	-0.25
279	372	-1.76e-002	-1.14e-003	-0.10	7.65e-002	-6.05e-002	-0.37
	392	-8.22e-003	0.14	5.05e-002	0.29	-2.40e-002	-0.17
	393	-0.10	0.14	0.17	0.22	0.55	0.13
	190	-0.11	-7.42e-003	2.07e-002	0.86	0.21	-6.98e-002
280	217	-3.86e-003	-2.51e-004	6.80e-002	1.23e-002	-2.95e-003	-0.34
	391	6.79e-003	0.16	7.35e-002	8.88e-002	2.33e-002	-0.31
	392	-6.94e-003	0.16	2.01e-002	0.11	6.50e-002	-0.27
	372	-1.76e-002	-1.14e-003	1.46e-002	9.50e-002	2.80e-002	-0.30
281	371	-4.70e-003	-3.05e-004	5.61e-002	4.49e-003	-6.74e-004	-0.35
	390	6.35e-003	0.17	5.45e-002	3.01e-002	6.58e-003	-0.34
	391	7.18e-003	0.17	6.75e-002	4.85e-002	1.32e-002	-0.34
	217	-3.86e-003	-2.51e-004	6.91e-002	2.01e-002	6.76e-003	-0.35
282	216	-4.60e-003	-2.99e-004	6.54e-002	1.19e-003	-5.02e-004	-0.36
	389	5.20e-003	0.15	6.14e-002	1.07e-002	5.01e-004	-0.35
	390	5.10e-003	0.15	5.71e-002	1.83e-002	3.46e-003	-0.35
	371	-4.70e-003	-3.05e-004	6.11e-002	5.38e-003	1.96e-003	-0.36
283	368	-3.93e-003	-2.56e-004	6.33e-002	-1.23e-003	-8.69e-004	-0.35
	388	4.68e-003	0.13	6.00e-002	5.74e-003	-3.04e-003	-0.35
	389	4.02e-003	0.13	6.10e-002	6.38e-003	-7.10e-005	-0.35

338	323	2.76e-003	-0.16	2.75e-002	0.21	1.11	0.19
	333	-4.96e-003	-0.28	2.01e-002	0.20	1.45	0.15
	354	-8.68e-003	-0.28	2.89e-002	-4.92e-002	0.34	0.45
	344	-9.52e-004	-0.16	3.64e-002	0.17	0.34	0.50
339	342	-1.27e-002	6.10e-002	2.48e-002	0.66	-1.62	0.33
	352	-1.16e-002	7.84e-002	3.61e-002	-5.29e-003	0.44	0.44
	353	2.36e-002	8.07e-002	-5.07e-003	-6.15	-1.51	0.33
	343	2.25e-002	6.33e-002	-1.63e-002	7.30	1.59	0.23
340	341	-9.37e-004	3.53e-002	2.33e-002	0.21	-0.15	0.64
	351	4.97e-004	5.74e-002	2.68e-002	2.22e-003	-0.41	0.72
	352	-1.30e-002	5.65e-002	4.50e-002	-7.59e-002	-0.35	0.68
	342	-1.44e-002	3.45e-002	4.14e-002	0.58	-0.51	0.60
341	340	1.82e-004	1.41e-002	3.68e-002	3.61e-002	-3.22e-002	0.81
	350	1.05e-003	2.75e-002	3.32e-002	-6.01e-003	-0.12	0.82
	351	-1.45e-003	2.74e-002	2.60e-002	7.55e-002	-0.16	0.78
	341	-2.33e-003	1.40e-002	2.96e-002	-7.28e-003	-0.20	0.77
342	339	7.83e-004	1.76e-004	3.26e-002	3.98e-003	-9.14e-003	0.86
	349	8.03e-004	4.96e-004	3.08e-002	-6.13e-003	-3.16e-002	0.86
	350	-7.10e-004	3.98e-004	3.32e-002	2.09e-002	-5.76e-002	0.84
	340	-7.31e-004	7.74e-005	3.50e-002	-2.64e-002	-5.99e-002	0.84
343	338	1.12e-003	-1.37e-002	3.37e-002	1.60e-003	-2.27e-003	0.88
	348	2.20e-004	-2.75e-002	3.17e-002	-2.98e-003	-7.86e-003	0.87
	349	-1.02e-003	-2.76e-002	3.10e-002	4.60e-003	-1.74e-002	0.87
	339	-1.22e-004	-1.37e-002	3.31e-002	-1.25e-002	-1.64e-002	0.87
344	337	1.75e-003	-2.75e-002	3.36e-002	8.15e-003	1.75e-003	0.88
	347	-5.05e-005	-5.52e-002	3.19e-002	3.30e-004	1.28e-003	0.87
	348	-1.59e-003	-5.53e-002	3.17e-002	3.48e-003	-2.22e-003	0.87
	338	2.13e-004	-2.76e-002	3.34e-002	-2.95e-003	-3.27e-003	0.88
345	336	2.09e-003	-4.12e-002	3.26e-002	2.96e-002	9.64e-003	0.87
	346	-6.12e-004	-8.28e-002	3.07e-002	6.05e-003	1.46e-002	0.86
	347	-1.85e-003	-8.29e-002	3.20e-002	1.03e-002	8.38e-003	0.87
	337	8.54e-004	-4.13e-002	3.39e-002	5.59e-003	3.20e-003	0.88
346	335	3.06e-004	-5.58e-002	3.50e-002	0.10	3.82e-002	0.83
	345	-3.31e-003	-0.11	3.53e-002	2.11e-002	6.28e-002	0.81
	346	-2.46e-003	-0.11	3.15e-002	3.26e-002	2.93e-002	0.85
	336	1.15e-003	-5.57e-002	3.11e-002	2.40e-002	1.51e-002	0.86
347	334	-2.13e-002	-6.03e-002	3.50e-002	0.32	0.16	0.69
	344	-2.64e-002	-0.14	2.35e-002	6.24e-002	0.27	0.64
	345	-4.99e-003	-0.14	3.11e-002	0.10	8.27e-002	0.77
	335	1.05e-004	-5.89e-002	4.26e-002	7.84e-002	4.85e-002	0.82
348	313	2.28e-002	-4.65e-002	7.04e-002	0.50	0.79	0.22
	323	1.55e-002	-0.16	4.65e-002	0.23	9.96e-001	0.16
	344	-2.79e-002	-0.16	3.13e-002	0.22	0.27	0.51
	334	-2.06e-002	-4.94e-002	5.52e-002	0.18	8.68e-002	0.57
349	302	1.74e-002	1.13e-003	0.13	1.20	-0.97	-1.75
	342	2.14e-002	6.33e-002	4.16e-002	1.30	-1.49	0.24
	343	3.41e-002	6.41e-002	-5.16e-002	-1.36	1.60	0.54
	187	3.00e-002	1.95e-003	4.13e-002	11.95	1.57	-1.44
350	213	-8.71e-004	-5.66e-005	3.44e-002	7.12e-002	-3.25e-002	0.56
	341	1.44e-003	3.55e-002	2.60e-002	0.15	-7.75e-002	0.63
	342	1.97e-002	3.67e-002	5.81e-002	0.62	-0.44	0.23
	302	1.74e-002	1.13e-003	6.66e-002	-0.15	-7.85e-002	0.16
351	301	-5.73e-004	-3.73e-005	4.45e-002	1.54e-002	-6.44e-003	0.80
	340	3.47e-004	1.41e-002	4.15e-002	1.92e-002	-1.73e-002	0.81
	341	5.03e-005	1.41e-002	3.23e-002	0.17	-0.15	0.68
	213	-8.71e-004	-5.66e-005	3.53e-002	-0.10	-3.31e-002	0.67
352	212	2.62e-004	1.70e-005	3.96e-002	3.21e-003	-1.35e-003	0.86

	339	2.70e-004	1.43e-004	3.67e-002	-8.51e-004	-5.28e-003		0.86
	340	-5.65e-004	8.82e-005	3.98e-002	3.59e-002	-4.48e-002		0.82
	301	-5.73e-004	-3.73e-005	4.26e-002	-3.41e-002	-1.06e-002		0.82
353	298	6.20e-004	4.03e-005	4.10e-002	1.16e-003	-1.75e-004		0.88
	338	-2.77e-004	-1.38e-002	3.79e-002	-1.15e-003	-1.62e-003		0.88
	339	-6.35e-004	-1.38e-002	3.71e-002	7.50e-003	-1.16e-002		0.87
	212	2.62e-004	1.70e-005	4.02e-002	-1.03e-002	-3.05e-003		0.87
354	211	1.09e-003	7.08e-005	4.12e-002	2.29e-003	4.99e-004		0.88
	337	-7.13e-004	-2.77e-002	3.81e-002	1.70e-003	6.17e-004		0.88
	338	-1.18e-003	-2.77e-002	3.76e-002	3.19e-003	-2.04e-003		0.88
	298	6.20e-004	4.03e-005	4.07e-002	-2.77e-003	-7.97e-004		0.88
355	297	1.35e-003	8.77e-005	3.95e-002	8.39e-003	2.10e-003		0.87
	336	-1.35e-003	-4.15e-002	3.59e-002	7.45e-003	4.53e-003		0.87
	337	-1.61e-003	-4.15e-002	3.84e-002	7.38e-003	2.82e-003		0.88
	211	1.09e-003	7.08e-005	4.21e-002	-1.46e-004	-3.97e-005		0.88
356	210	2.71e-003	1.76e-004	4.55e-002	3.37e-002	8.12e-003		0.85
	335	-9.32e-004	-5.58e-002	4.28e-002	1.94e-002	1.90e-002		0.84
	336	-2.29e-003	-5.59e-002	3.44e-002	2.44e-002	1.27e-002		0.86
	297	1.35e-003	8.77e-005	3.71e-002	1.61e-003	5.80e-004		0.87
357	294	2.21e-002	1.44e-003	1.24e-002	0.13	3.21e-002		0.75
	334	1.83e-002	-5.77e-002	1.87e-002	2.34e-002	8.85e-002		0.73
	335	-1.13e-003	-5.89e-002	5.04e-002	7.64e-002	4.23e-002		0.82
	210	2.71e-003	1.76e-004	4.41e-002	2.24e-003	2.72e-003		0.84
358	181	5.06e-002	3.29e-003	7.13e-003	0.75	0.21		0.36
	313	4.75e-002	-4.49e-002	0.12	0.37	0.65		0.17
	334	1.90e-002	-4.68e-002	3.89e-002	0.27	-1.09e-002		0.58
	294	2.21e-002	1.44e-003	-7.39e-002	5.93e-002	-2.87e-002		0.77
359	322	1.41e-002	-0.20	-2.32e-002	0.18	0.35		-0.21
	332	6.91e-003	-0.31	-1.91e-002	9.32e-003	0.43		-0.20
	333	-7.17e-003	-0.31	2.06e-003	-2.30e-003	1.09	1.29e-002	
	323	-1.57e-005	-0.20	-1.96e-003	0.32	0.92	-3.09e-004	
360	321	-1.83e-003	-0.18	-3.39e-002	9.14e-002	0.10		-0.42
	331	-7.71e-003	-0.27	-6.65e-003	7.68e-003	0.11		-0.39
	332	9.59e-003	-0.27	-1.11e-002	1.18e-002	0.45		-0.26
	322	1.55e-002	-0.18	-3.84e-002	0.20	0.30		-0.29
361	320	1.52e-003	-0.15	-3.31e-002	3.62e-002	3.33e-002		-0.50
	330	-3.40e-003	-0.22	-9.59e-003	2.41e-003	2.50e-002		-0.49
	331	-4.54e-003	-0.22	-6.93e-003	-4.32e-003	0.16		-0.43
	321	3.84e-004	-0.15	-3.05e-002	0.10	8.91e-002		-0.44
362	319	6.21e-004	-0.12	-3.14e-002	1.23e-002	8.58e-003		-0.53
	329	-3.15e-003	-0.17	-9.59e-003	6.21e-004	3.00e-003		-0.52
	330	-2.70e-004	-0.17	-1.11e-002	-3.52e-003	5.53e-002		-0.50
	320	3.50e-003	-0.12	-3.30e-002	3.68e-002	2.55e-002		-0.51
363	318	7.09e-005	-8.40e-002	-3.27e-002	3.94e-003	-5.08e-003		-0.53
	328	-2.69e-003	-0.13	-1.01e-002	8.79e-005	-8.79e-003		-0.53
	329	-7.67e-006	-0.13	-9.09e-003	-1.30e-003	1.50e-002		-0.53
	319	2.75e-003	-8.38e-002	-3.17e-002	1.25e-002	4.50e-003		-0.53
364	317	-5.44e-004	-5.24e-002	-3.15e-002	6.09e-003	-2.38e-002		-0.53
	327	-2.23e-003	-7.83e-002	-8.85e-003	-1.41e-004	-2.68e-002		-0.53
	328	4.56e-004	-7.81e-002	-1.00e-002	5.65e-004	-5.23e-003		-0.53
	318	2.14e-003	-5.22e-002	-3.27e-002	5.11e-003	-8.40e-003		-0.53
365	316	-2.06e-003	-1.95e-002	-3.31e-002	2.96e-002	-6.38e-002		-0.53
	326	-2.74e-003	-3.01e-002	-1.19e-002	3.28e-003	-6.86e-002		-0.54
	327	9.17e-004	-2.99e-002	-9.83e-003	5.33e-003	-2.96e-002		-0.54
	317	1.60e-003	-1.93e-002	-3.11e-002	9.77e-003	-3.33e-002		-0.53
366	315	3.24e-003	1.06e-002	-2.83e-002	9.02e-002	-0.13		-0.52
	325	3.68e-003	1.74e-002	-5.49e-003	3.44e-002	-0.19		-0.54

	326	3.29e-004	1.72e-002	-9.52e-003	2.52e-002	-6.97e-002	-0.55
	316	-1.09e-004	1.04e-002	-3.23e-002	3.61e-002	-0.11	-0.53
367	314	-2.03e-002	4.58e-002	-3.64e-002	-3.39e-002	-0.23	-0.43
	324	-1.94e-002	5.98e-002	-7.37e-003	-1.29e-002	-0.69	-0.39
	325	6.54e-003	6.15e-002	-3.94e-003	6.80e-002	-4.83e-002	-0.53
	315	5.64e-003	4.75e-002	-3.29e-002	5.82e-002	-0.33	-0.57
368	277	1.63e-002	6.34e-002	1.58e-002	2.49	-1.06	-0.76
	283	1.82e-002	9.27e-002	1.47e-003	-8.20	-1.75	0.56
	324	-1.74e-002	9.04e-002	-2.66e-002	-0.51	0.89	0.88
	314	-1.93e-002	6.11e-002	-1.23e-002	-0.45	0.47	-0.43
369	312	2.36e-002	-0.13	-3.32e-002	0.22	8.13e-002	-0.28
	322	1.89e-002	-0.20	-4.97e-002	0.24	0.30	-0.23
	323	1.28e-002	-0.20	1.70e-002	8.97e-002	0.83	3.43e-002
	313	1.74e-002	-0.13	3.35e-002	0.60	0.72	-8.23e-003
370	311	2.23e-003	-0.10	-2.69e-002	0.10	4.02e-002	-0.48
	321	-3.20e-003	-0.18	-3.60e-002	0.12	7.76e-002	-0.43
	322	2.03e-002	-0.18	-6.50e-002	0.13	0.25	-0.31
	312	2.58e-002	-0.10	-5.58e-002	0.29	0.15	-0.37
371	310	1.96e-003	-7.39e-002	-4.96e-002	3.40e-002	1.13e-002	-0.52
	320	-2.81e-003	-0.15	-4.42e-002	4.39e-002	2.74e-002	-0.50
	321	-9.87e-004	-0.15	-3.26e-002	5.05e-002	6.59e-002	-0.47
	311	3.78e-003	-7.38e-002	-3.79e-002	0.10	3.80e-002	-0.49
372	309	9.50e-004	-5.81e-002	-4.31e-002	1.08e-002	1.18e-003	-0.54
	319	-2.87e-003	-0.12	-3.98e-002	1.57e-002	7.19e-003	-0.53
	320	-8.29e-004	-0.12	-4.40e-002	1.84e-002	1.73e-002	-0.52
	310	2.99e-003	-5.80e-002	-4.73e-002	3.56e-002	1.08e-002	-0.53
373	308	5.65e-004	-4.20e-002	-4.58e-002	2.56e-003	-5.23e-003	-0.54
	318	-2.18e-003	-8.42e-002	-4.21e-002	6.69e-003	-4.61e-003	-0.53
	319	-7.35e-004	-8.41e-002	-4.00e-002	6.08e-003	2.00e-003	-0.53
	309	2.01e-003	-4.19e-002	-4.36e-002	1.22e-002	1.47e-003	-0.54
374	307	3.76e-004	-2.61e-002	-4.33e-002	3.32e-003	-1.89e-002	-0.53
	317	-1.33e-003	-5.24e-002	-3.95e-002	9.84e-003	-2.18e-002	-0.53
	318	-1.09e-004	-5.24e-002	-4.22e-002	3.08e-003	-8.52e-003	-0.53
	308	1.60e-003	-2.61e-002	-4.60e-002	6.49e-003	-5.10e-003	-0.53
375	306	-1.09e-003	-9.81e-003	-4.88e-002	3.01e-002	-6.05e-002	-0.51
	316	-1.72e-003	-1.95e-002	-4.56e-002	3.56e-002	-5.99e-002	-0.52
	317	8.17e-004	-1.94e-002	-3.90e-002	1.10e-002	-3.22e-002	-0.53
	307	1.45e-003	-9.64e-003	-4.22e-002	1.72e-002	-1.73e-002	-0.52
376	305	-2.87e-003	5.99e-003	-3.47e-002	0.18	-0.19	-0.47
	315	-2.59e-003	1.03e-002	-2.65e-002	0.12	-0.12	-0.52
	316	2.27e-004	1.04e-002	-4.48e-002	4.96e-002	-0.11	-0.52
	306	-5.08e-005	6.17e-003	-5.30e-002	7.89e-002	-4.60e-002	-0.47
377	304	-4.05e-002	3.98e-002	-6.15e-002	0.79	-0.43	-0.47
	314	-4.02e-002	4.46e-002	-7.43e-002	0.33	-0.11	-0.65
	315	-1.92e-004	4.71e-002	-3.12e-002	0.16	-0.38	-0.55
	305	-5.01e-004	4.24e-002	-1.84e-002	0.34	-0.16	-0.36
378	271	1.29e-002	9.27e-002	8.24e-002	6.62	1.94	-0.26
	277	1.09e-002	6.30e-002	4.93e-002	-4.34	-0.89	-0.48
	314	-3.92e-002	5.98e-002	-5.02e-002	0.37	0.54	-0.49
	304	-3.73e-002	8.94e-002	-1.72e-002	1.02	-1.52	-0.27
379	292	-2.38e-002	-1.55e-003	-0.20	7.51e-002	-5.52e-002	-0.51
	312	-3.23e-002	-0.13	-5.57e-002	0.30	-6.59e-003	-0.30
	313	4.21e-002	-0.13	8.31e-002	0.25	0.61	4.11e-002
	181	5.06e-002	3.29e-003	-6.49e-002	0.88	0.23	-0.16
380	209	2.23e-003	1.45e-004	-4.20e-002	1.05e-002	-1.23e-003	-0.51
	311	-4.14e-003	-0.10	-2.95e-002	9.32e-002	3.25e-002	-0.48
	312	-3.02e-002	-0.10	-7.82e-002	0.10	8.19e-002	-0.43

	292	-2.38e-002	-1.55e-003	-9.07e-002	0.11	3.22e-002		-0.46
381	291	2.57e-003	1.67e-004	-5.95e-002	4.00e-003	-2.20e-004		-0.53
	310	-2.25e-003	-7.41e-002	-5.62e-002	3.20e-002	9.22e-003		-0.52
	311	-2.60e-003	-7.42e-002	-4.06e-002	4.65e-002	1.92e-002		-0.51
	209	2.23e-003	1.45e-004	-4.38e-002	2.44e-002	8.22e-003		-0.52
382	208	1.53e-003	9.96e-005	-5.10e-002	8.62e-004	-4.34e-004		-0.54
	309	-2.27e-003	-5.83e-002	-4.82e-002	1.16e-002	1.07e-003		-0.54
	310	-1.22e-003	-5.83e-002	-5.40e-002	1.79e-002	5.25e-003		-0.53
	291	2.57e-003	1.67e-004	-5.67e-002	6.82e-003	2.42e-003		-0.54
383	288	1.08e-003	7.03e-005	-5.47e-002	-1.97e-003	-1.05e-003		-0.54
	308	-1.66e-003	-4.21e-002	-5.18e-002	7.09e-003	-3.73e-003		-0.53
	309	-1.21e-003	-4.21e-002	-4.88e-002	6.36e-003	1.94e-004		-0.54
	208	1.53e-003	9.96e-005	-5.17e-002	2.48e-003	4.98e-004		-0.54
384	207	7.32e-004	4.75e-005	-5.10e-002	-7.66e-003	-3.02e-003		-0.52
	307	-9.76e-004	-2.62e-002	-4.81e-002	1.63e-002	-1.42e-002		-0.52
	308	-6.25e-004	-2.62e-002	-5.19e-002	3.30e-003	-4.04e-003		-0.53
	288	1.08e-003	7.03e-005	-5.49e-002	2.48e-003	-7.49e-004		-0.53
385	287	-6.73e-004	-4.38e-005	-5.90e-002	-2.23e-002	-9.09e-003		-0.47
	306	-1.31e-003	-9.82e-003	-5.65e-002	6.17e-002	-4.89e-002		-0.48
	307	9.63e-005	-9.73e-003	-4.71e-002	1.07e-002	-1.20e-002		-0.52
	207	7.32e-004	4.75e-005	-4.95e-002	7.25e-003	-3.31e-003		-0.51
386	206	-1.27e-003	-8.28e-005	-3.83e-002	-4.55e-002	-2.44e-002		-0.31
	305	-8.71e-004	6.12e-003	-3.42e-002	0.24	-0.16		-0.34
	306	-2.70e-004	6.16e-003	-6.07e-002	5.72e-002	-2.82e-002		-0.47
	287	-6.73e-004	-4.38e-005	-6.48e-002	2.68e-002	-1.26e-002		-0.44
387	284	3.98e-002	2.58e-003	-0.12	0.11	-1.12e-002		0.21
	304	4.25e-002	4.52e-002	-0.11	1.02	-0.37	-1.57e-004	
	305	1.50e-003	4.25e-002	-1.79e-002	0.30	-0.13		-0.37
	206	-1.27e-003	-8.28e-005	-3.47e-002	0.13	-6.78e-002		-0.16
388	176	2.75e-003	1.79e-004	-7.01e-002	10.77	1.68		1.49
	271	8.74e-003	9.24e-002	0.18	-0.46	2.01		-0.59
	304	4.58e-002	9.48e-002	-6.16e-002	1.73	-1.45		-0.10
	284	3.98e-002	2.58e-003	-0.31	1.10	-1.09		1.98
429	276	1.35e-002	4.91e-003	6.56e-003	-0.70	-0.70		1.14
	282	1.50e-002	2.73e-002	-9.50e-004	-0.38	0.49		-0.24
	283	1.40e-002	2.72e-002	1.75e-002	-9.42	-5.64		-0.73
	277	1.25e-002	4.84e-003	2.50e-002	3.24	-2.96		0.65
430	275	-4.00e-003	8.83e-003	-1.81e-002	3.38e-002	-0.64		1.82
	281	-3.08e-003	2.30e-002	5.74e-005	8.25e-002	-0.18		1.74
	282	1.48e-002	2.42e-002	1.82e-003	8.96e-002	-1.98		1.31
	276	1.39e-002	9.99e-003	-1.63e-002	-0.37	-0.96		1.39
431	274	1.28e-003	2.93e-002	-1.78e-002	0.15	5.52e-002		1.77
	280	2.12e-003	4.22e-002	-4.59e-003	1.57e-002	0.26		1.77
	281	-1.85e-003	4.19e-002	-2.02e-003	7.70e-002	-0.52		1.77
	275	-2.69e-003	2.91e-002	-1.52e-002	3.30e-002	-0.31		1.77
432	273	5.40e-003	3.90e-002	-2.61e-002	0.19	0.83		1.48
	279	7.69e-003	7.42e-002	-1.42e-002	-0.16	1.13		1.53
	280	4.18e-003	7.40e-002	-9.25e-003	-3.01e-003	0.16		1.75
	274	1.90e-003	3.88e-002	-2.12e-002	7.62e-002	0.18		1.70
433	272	2.38e-002	2.36e-002	-6.39e-002	0.85	1.96	9.43e-002	
	278	3.29e-002	0.16	-6.39e-002	-3.80	3.71	0.85	
	279	1.34e-002	0.16	-3.92e-002	-0.47	1.20	2.01	
	273	4.32e-003	2.24e-002	-3.92e-002	-0.19	1.66	1.26	
434	270	4.16e-002	-6.01e-002	7.42e-003	1.15	-2.24		1.04
	276	4.60e-002	7.02e-003	-2.55e-002	0.19	-0.41		1.26
	277	7.14e-003	4.50e-003	5.85e-002	-4.97	-2.43		0.58
	271	2.78e-003	-6.26e-002	9.15e-002	7.10	1.18		0.36

435	269	-2.06e-004	-1.66e-002	2.29e-003	0.42	-0.32	1.62
	275	1.47e-003	9.18e-003	-1.11e-002	0.10	-0.72	1.81
	276	4.63e-002	1.21e-002	-4.84e-002	0.55	-0.64	1.72
	270	4.46e-002	-1.37e-002	-3.50e-002	0.55	-0.88	1.53
436	268	2.26e-003	1.38e-002	-3.15e-002	0.28	2.84e-002	1.75
	274	3.28e-003	2.95e-002	-2.87e-002	3.62e-002	4.10e-003	1.78
	275	2.79e-003	2.94e-002	-8.23e-003	0.20	-0.25	1.81
	269	1.77e-003	1.38e-002	-1.10e-002	0.15	-0.31	1.78
437	267	3.38e-002	2.91e-003	-1.78e-002	0.58	0.34	1.42
	273	3.62e-002	4.11e-002	-1.92e-002	-0.10	0.69	1.39
	274	3.89e-003	3.89e-002	-3.21e-002	0.18	0.15	1.72
	268	1.41e-003	8.04e-004	-3.07e-002	0.13	8.19e-002	1.76
438	266	-3.35e-003	-3.78e-002	-4.54e-002	3.18	1.88	0.30
	272	5.47e-004	2.21e-002	-5.13e-002	-2.55	1.48	0.30
	273	3.51e-002	2.44e-002	-3.23e-002	0.22	1.56	1.25
	267	3.13e-002	-3.56e-002	-2.64e-002	0.29	0.21	1.26
439	205	-3.40e-002	-2.21e-003	-0.29	1.20	-1.27	-1.30
	270	-3.81e-002	-6.53e-002	-3.99e-002	1.78	-1.90	0.81
	271	-1.35e-003	-6.29e-002	0.19	-0.91	1.47	0.77
	176	2.75e-003	1.79e-004	-5.85e-002	11.25	1.66	-1.34
440	204	9.97e-004	6.48e-005	-7.30e-003	0.20	-0.10	1.38
	269	-8.56e-005	-1.66e-002	8.50e-003	0.30	-0.28	1.64
	270	-3.51e-002	-1.89e-002	-8.23e-002	1.30	-0.67	1.01
	205	-3.40e-002	-2.21e-003	-0.10	2.18e-002	-6.17e-002	0.75
441	203	2.15e-003	1.40e-004	-4.29e-002	0.10	1.42e-003	1.77
	268	3.04e-003	1.39e-002	-4.09e-002	8.22e-002	4.09e-003	1.80
	269	1.89e-003	1.38e-002	-4.77e-003	0.34	-0.25	1.63
	204	9.97e-004	6.48e-005	-6.77e-003	-9.19e-002	-4.54e-002	1.61
442	202	-5.00e-003	-3.25e-004	1.77e-002	0.21	7.71e-002	1.67
	267	-4.95e-003	3.90e-004	1.03e-002	0.25	0.20	1.60
	268	2.20e-003	8.55e-004	-4.02e-002	0.24	5.23e-002	1.72
	203	2.15e-003	1.40e-004	-3.28e-002	-3.41e-002	-1.14e-002	1.79
443	175	-6.50e-003	-4.22e-004	2.69e-002	5.07	0.93	1.21
	266	-8.95e-003	-3.82e-002	-7.70e-002	-0.68	1.53	0.28
	267	-7.45e-003	-3.81e-002	1.75e-003	0.83	3.22e-002	1.28
	202	-5.00e-003	-3.25e-004	0.11	0.34	-0.41	2.20
600	158	-9.00e-002	-3.51e-002	-7.82e-002	48.67	-280.35	-1.40
	104	-0.18	-1.45	-0.41	-57.40	-170.15	-4.61
	41	-9.36e-002	-1.44	-0.66	-147.45	-607.75	-175.71
	116	-1.91e-003	-2.94e-002	-0.32	115.96	-92.32	-172.50
601	157	-0.11	-0.37	-1.70e-002	17.42	-154.40	33.53
	103	-0.15	-1.03	-2.99e-002	-5.20	-134.24	38.79
	104	-0.15	-1.03	-0.17	-6.47	-265.87	23.15
	158	-0.11	-0.37	-0.15	17.37	-207.84	17.90
602	156	-1.66e-002	-0.44	4.71e-002	8.96	-66.26	25.97
	102	-5.40e-002	-1.01	2.78e-002	7.21	-44.47	35.44
	103	-0.15	-1.02	8.87e-002	4.80	-145.20	40.82
	157	-0.12	-0.44	0.11	19.70	-134.31	31.35
603	155	-0.27	-3.46e-002	0.70	-33.59	0.54	0.30
	1	-0.35	-1.29	0.63	69.80	90.32	3.25
	102	-7.08e-002	-1.27	-8.08e-003	18.14	-67.16	24.83
	156	1.06e-002	-1.67e-002	6.23e-002	11.69	-32.59	21.88
604	154	-0.27	-8.04e-002	-3.34e-002	64.44	-158.25	31.59
	158	-0.27	-4.67e-002	3.16e-003	48.69	-220.50	-29.92
	116	-1.91e-003	-2.94e-002	4.87e-002	-5.89	-53.45	-55.08
	115	-4.10e-003	-6.30e-002	1.21e-002	11.17	-57.51	6.43
605	153	-0.28	-0.10	-7.25e-003	44.25	-159.79	7.50

	157	-0.30	-0.38	-5.11e-002	29.53	-164.96	30.65
	158	-0.29	-0.38	-7.22e-002	65.62	-181.64	25.21
	154	-0.27	-0.10	-2.83e-002	53.26	-174.52	2.06
606	152	-0.16	-3.04e-002	3.04e-002	2.46	-78.35	-3.77
	156	-0.19	-0.45	0.11	3.43	-80.10	26.96
	157	-0.30	-0.45	7.37e-002	28.61	-123.70	31.65
	153	-0.27	-3.78e-002	-3.36e-003	33.30	-135.67	0.92
607	151	0.42	-4.98e-002	-7.16e-002	-24.27	-6.42	-3.12
	155	0.42	1.02e-002	2.50e-002	-9.27	-13.99	14.66
	156	-0.16	-2.77e-002	0.12	2.70	-34.48	17.78
	152	-0.16	-8.77e-002	2.62e-002	-4.20	-50.42	-4.27e-003
608	150	-0.17	-2.84e-002	0.23	35.11	-272.06	56.19
	154	-0.18	-7.42e-002	3.85e-002	69.42	-166.80	-4.31
	115	-4.10e-003	-6.30e-002	5.07e-002	19.37	-60.22	43.94
	114	-1.12e-003	-1.73e-002	0.25	-17.80	-67.13	104.44
609	149	-0.22	-0.44	0.10	2.19	-190.23	-40.33
	153	-0.20	-9.22e-002	-1.25e-002	48.21	-166.27	-11.42
	154	-0.18	-9.07e-002	4.36e-002	53.94	-178.59	13.56
	150	-0.20	-0.44	0.16	53.03	-213.33	-15.35
610	148	-0.20	-0.47	-0.24	-13.08	-82.37	-37.76
	152	-0.17	-3.12e-002	-0.11	0.90	-78.23	-9.22
	153	-0.20	-3.28e-002	-8.57e-003	29.30	-138.10	-12.83
	149	-0.23	-0.47	-0.14	9.77	-128.09	-41.37
611	147	0.34	1.39e-002	-4.74e-002	-13.43	-14.03	-20.03
	151	0.33	-5.56e-002	7.31e-002	-26.61	-4.74	-6.49
	152	-0.18	-8.86e-002	-0.11	-8.01	-51.30	-13.35
	148	-0.17	-1.92e-002	-0.23	-8.27	-25.88	-26.89
612	107	-5.07e-002	-1.41	0.10	-203.29	-156.22	-32.13
	150	3.98e-002	-1.46e-002	0.23	35.06	-367.95	30.94
	114	-1.12e-003	-1.73e-002	0.84	146.68	-108.38	242.24
	46	-9.17e-002	-1.41	0.71	-213.39	-829.79	179.17
613	106	-4.33e-002	-0.84	1.23e-002	-69.63	-137.35	-9.66
	149	-1.66e-002	-0.43	0.10	-27.41	-174.41	-29.67
	150	1.30e-002	-0.43	0.15	-5.17	-260.58	-22.61
	107	-1.38e-002	-0.84	5.79e-002	-150.46	-325.55	-2.60
614	105	-1.05e-002	-0.88	-6.71e-002	3.89	-39.73	-17.37
	148	1.77e-002	-0.45	-0.21	-13.34	-60.32	-33.61
	149	-1.81e-002	-0.45	-0.14	-10.62	-152.54	-33.46
	106	-4.63e-002	-0.89	3.59e-003	-46.67	-174.70	-17.21
615	3	-0.59	-1.48	-0.64	82.37	130.62	0.81
	147	-0.50	-4.04e-002	-0.73	-46.50	4.34	1.11
	148	4.67e-002	-4.99e-003	-0.20	-4.12	-23.94	-23.18
	105	-4.70e-002	-1.45	-0.11	24.69	-85.86	-23.48
616	146	4.77e-002	-0.18	-0.25	-27.38	-471.24	1.09
	107	-3.21e-002	-1.41	4.03e-002	-169.05	-147.80	52.98
	46	-9.17e-002	-1.41	-0.66	-279.11	-858.30	-143.02
	119	-1.18e-002	-0.18	-0.95	196.39	-165.17	-194.91
617	145	-6.06e-003	-0.63	-8.37e-002	-41.33	-191.92	31.52
	106	-1.99e-002	-0.84	2.00e-002	-56.37	-146.74	4.23
	107	4.80e-003	-0.84	-1.05e-003	-124.40	-327.61	16.76
	146	1.86e-002	-0.63	-0.10	-65.63	-298.69	44.05
618	144	1.93e-002	-0.62	0.25	-12.85	-68.44	10.42
	105	2.00e-003	-0.88	0.11	12.11	-44.25	-5.85
	106	-2.29e-002	-0.89	1.12e-002	-45.67	-173.77	3.07
	145	-5.58e-003	-0.62	0.15	-13.59	-164.12	19.34
619	143	-0.51	-0.19	0.82	-30.65	13.23	-22.37
	3	-0.60	-1.48	0.56	88.34	132.41	-28.28

	105	-3.45e-002	-1.45	6.11e-002	21.52	-85.15	-2.68
	144	4.92e-002	-0.16	0.32	4.09	-17.88	3.22
620	142	-8.42e-002	-0.16	-5.16e-002	88.30	-310.39	35.66
	146	-8.59e-002	-0.19	-0.28	2.35	-411.09	-11.02
	119	-1.18e-002	-0.18	-0.23	-17.21	-112.32	-48.71
	118	-1.01e-002	-0.16	-6.67e-003	12.26	-142.13	-2.03
621	141	-7.72e-002	-0.36	5.35e-004	13.24	-219.92	2.76
	145	-0.10	-0.63	-9.12e-002	-8.07	-221.65	39.27
	146	-0.12	-0.63	-0.13	50.47	-263.58	48.06
	142	-0.10	-0.36	-4.18e-002	46.64	-278.96	11.55
622	140	-0.15	-0.28	0.14	-27.03	-76.62	-1.20
	144	-0.17	-0.63	0.27	-22.77	-83.90	17.76
	145	-9.47e-002	-0.63	0.15	-12.03	-154.66	24.65
	141	-7.18e-002	-0.27	8.31e-003	2.52	-172.88	5.70
623	139	0.48	-8.94e-002	-8.84e-002	-35.47	4.56	-1.32
	143	0.48	-0.13	0.12	-21.99	-6.15	3.09
	144	-0.14	-0.17	0.35	-16.01	-18.71	7.89
	140	-0.14	-0.13	0.14	-33.24	-39.49	3.48
624	138	-5.48e-002	-0.21	0.41	-5.57	-441.09	27.59
	142	-5.16e-002	-0.16	6.26e-002	92.12	-315.93	-18.76
	118	-1.01e-002	-0.16	2.52e-002	21.28	-144.14	36.62
	117	-1.33e-002	-0.20	0.37	-27.85	-121.64	82.97
625	137	-7.24e-002	-0.70	0.15	-19.38	-225.75	-43.26
	141	-4.96e-002	-0.35	1.71e-002	13.69	-221.66	-4.23
	142	-6.45e-002	-0.36	7.24e-002	43.49	-281.36	-4.14
	138	-8.72e-002	-0.71	0.21	48.77	-279.21	-43.17
626	136	-0.17	-0.68	-0.28	-29.12	-81.07	-21.20
	140	-0.14	-0.28	-0.12	-28.17	-76.07	-3.34
	141	-4.42e-002	-0.27	2.48e-002	-0.61	-174.06	-10.43
	137	-7.00e-002	-0.67	-0.13	-19.88	-158.45	-28.29
627	135	0.49	-0.14	-0.13	-24.14	-4.66	-3.61
	139	0.49	-8.84e-002	0.11	-36.01	5.19	-0.45
	140	-0.13	-0.13	-0.12	-34.66	-39.64	-7.34
	136	-0.14	-0.18	-0.36	-20.64	-16.50	-10.50
628	110	-2.08e-002	-1.59	-0.12	-210.69	-196.01	-51.98
	138	6.93e-002	-0.20	0.36	-29.92	-516.54	11.60
	117	-1.33e-002	-0.20	1.22	216.51	-181.07	237.40
	47	-0.10	-1.59	0.74	-311.30	-927.34	173.82
629	109	5.03e-003	-0.94	-1.71e-002	-83.05	-153.47	-4.22
	137	2.10e-002	-0.70	0.15	-55.38	-195.95	-32.65
	138	3.69e-002	-0.70	0.16	-84.59	-320.80	-44.65
	110	2.09e-002	-0.94	-7.76e-003	-151.37	-349.23	-16.22
630	108	2.39e-003	-0.97	-0.12	3.71	-46.53	9.61
	136	2.21e-002	-0.66	-0.27	-19.75	-64.21	-13.70
	137	2.34e-002	-0.66	-0.14	-27.34	-170.35	-22.96
	109	3.66e-003	-0.97	1.21e-002	-66.73	-173.49	0.35
631	4	-0.58	-1.56	-0.55	88.53	130.33	31.17
	135	-0.50	-0.21	-0.85	-31.32	15.73	21.79
	136	5.41e-002	-0.17	-0.36	-3.39	-15.37	-5.06
	108	-3.40e-002	-1.53	-5.60e-002	19.93	-75.51	4.31
632	134	5.87e-002	7.55e-002	-0.16	113.95	-309.50	-20.69
	110	-4.93e-002	-1.59	-0.20	-264.90	-222.59	47.40
	47	-0.10	-1.59	-0.76	-188.55	-871.36	-177.71
	122	4.67e-003	7.19e-002	-0.71	117.69	-99.55	-245.81
633	133	3.24e-002	-0.33	-8.79e-002	-9.15	-184.72	37.24
	109	-7.38e-003	-0.95	-1.95e-002	-94.31	-132.80	22.30
	110	-7.65e-003	-0.95	-8.83e-002	-217.16	-358.31	6.68

	134	3.21e-002	-0.33	-0.16	71.79	-237.63	21.61
634	132	4.57e-003	-0.37	0.16	-24.29	-57.41	48.61
	108	-3.44e-002	-0.97	3.85e-002	1.34	-35.95	29.35
	109	-8.75e-003	-0.97	9.68e-003	-63.42	-180.59	29.51
	133	3.02e-002	-0.37	0.13	-6.14	-157.53	48.77
635	131	-0.43	6.91e-002	0.70	-68.18	1.49	12.67
	4	-0.54	-1.56	0.70	96.47	136.36	8.79
	108	-7.08e-002	-1.53	0.10	27.49	-82.74	34.60
	132	3.50e-002	0.10	0.10	-22.02	-35.21	38.49
636	130	-0.18	-2.04e-002	-1.22e-002	47.69	-127.08	3.73
	134	-0.18	6.00e-002	-0.11	46.43	-199.52	-59.74
	122	4.67e-003	7.19e-002	-0.18	-7.40	-55.07	-94.90
	121	-5.52e-004	-8.50e-003	-7.77e-002	16.26	-25.85	-31.44
637	129	-0.24	2.41e-002	1.42e-002	57.74	-142.12	18.77
	133	-0.26	-0.35	-8.58e-002	8.99	-185.69	40.02
	134	-0.21	-0.35	-0.11	49.66	-199.79	5.99
	130	-0.18	2.76e-002	-1.21e-002	49.96	-143.39	-15.26
638	128	-0.16	6.47e-002	4.43e-002	16.46	-78.03	14.54
	132	-0.19	-0.38	0.16	-12.34	-87.41	49.54
	133	-0.26	-0.39	0.13	14.64	-123.97	49.61
	129	-0.23	5.97e-002	1.30e-002	39.56	-130.05	14.60
639	127	0.24	-2.19e-002	-3.40e-002	-27.96	-9.02	11.96
	131	0.25	0.11	1.78e-002	-4.79	-15.51	31.74
	132	-0.16	8.72e-002	0.10	-10.20	-35.81	37.06
	128	-0.16	-4.84e-002	4.95e-002	4.51	-58.00	17.28
640	126	-0.27	2.32e-002	-0.12	56.34	-175.59	52.18
	130	-0.28	-2.64e-002	-1.57e-002	46.40	-121.09	-14.48
	121	-5.52e-004	-8.50e-003	-6.61e-003	12.20	-24.48	8.35
	120	2.67e-003	4.11e-002	-0.11	-0.35	-35.09	75.00
641	125	-0.34	-0.28	1.22e-002	31.36	-158.34	-25.39
	129	-0.33	1.82e-002	-1.38e-002	53.87	-136.19	-8.14
	130	-0.27	2.17e-002	-1.56e-002	48.34	-140.17	11.11
	126	-0.29	-0.27	1.05e-002	63.17	-173.26	-6.14
642	124	-0.18	-0.38	-3.90e-002	6.67	-81.64	-33.29
	128	-0.15	6.51e-002	3.06e-002	15.65	-77.73	1.94
	129	-0.32	5.39e-002	-1.50e-002	40.96	-129.12	0.96
	125	-0.35	-0.39	-8.46e-002	31.48	-123.62	-34.27
643	123	0.35	0.13	1.06e-003	-1.50	-14.30	-22.71
	127	0.34	-1.55e-002	3.45e-002	-22.45	-10.23	1.88
	128	-0.16	-4.79e-002	3.57e-002	5.96	-57.86	-0.52
	124	-0.15	0.10	2.31e-003	4.18	-45.69	-25.12
644	113	-0.24	-1.72	0.47	-107.31	-248.93	18.17
	126	-0.13	3.25e-002	7.73e-003	95.15	-254.18	13.41
	120	2.67e-003	4.11e-002	0.23	100.73	-85.76	210.72
	48	-0.11	-1.71	0.69	-137.60	-680.94	215.48
645	112	-0.19	-1.28	3.86e-002	-18.18	-142.67	-39.16
	125	-0.12	-0.26	-2.14e-002	27.40	-160.87	-32.49
	126	-0.15	-0.26	0.14	61.69	-201.71	-5.24
	113	-0.21	-1.28	0.20	-55.21	-307.99	-11.91
646	111	-8.50e-002	-1.24	2.88e-002	6.38	-52.07	-47.34
	124	-2.85e-002	-0.37	2.13e-002	9.37	-65.00	-37.57
	125	-0.13	-0.38	-0.12	22.85	-141.18	-37.15
	112	-0.19	-1.25	-0.11	-3.30	-157.19	-46.92
647	5	-0.25	-1.48	-0.77	75.75	77.59	-20.34
	123	-0.14	0.10	-0.76	-44.39	-4.01	-16.05
	124	2.65e-003	0.11	6.27e-002	5.66	-44.26	-33.22
	111	-0.10	-1.47	5.31e-002	20.45	-68.24	-37.52

SFORZI "Permanente" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	-38.20	13.91	11.85	-146.85	-1620.02	2738.71
	509	38.20	-13.91	-11.85	146.85	-3412.75	3170.00
2	255	1517.79	-153.67	60.68	-1684.51	-10345.35	-24819.77
	196	-1517.79	153.67	-60.68	1684.51	-8939.95	-24023.75
3	487	-393.55	15.28	-1.30	-2978.32	153.87	38239.52
	509	393.55	-15.28	1.30	2978.32	559.49	-29875.89
4	509	2196.73	-1181.08	62.88	4442.25	-5164.70	2745.22
	495	-2196.73	1181.08	-62.88	-4442.25	-2380.92	-144474.67
5	195	2181.93	-799.12	102.31	1860.59	-14353.77	-85924.22
	509	-2181.93	799.12	-102.31	-1860.59	-991.99	-33943.41
6	403	2306.89	35.30	15.76	-263.73	-547.02	-1428.95
	413	-2306.89	-35.30	-15.76	263.73	-4.41	2664.47
7	393	4933.68	26.27	22.34	-374.76	-1402.77	-703.50
	403	-4933.68	-26.27	-22.34	374.76	621.01	1622.97
8	190	10577.45	-140.81	32.94	-416.81	-2719.63	-15127.34
	393	-10577.45	140.81	-32.94	416.81	1566.65	10199.14
9	353	2005.46	9.46	255.60	2073.23	5781.08	-1615.93
	363	-2005.46	-9.46	-255.60	-2073.23	-14727.17	1947.19
10	343	4566.17	-33.41	224.52	1543.51	-8287.06	-421.58
	353	-4566.17	33.41	-224.52	-1543.51	428.79	-747.80
11	187	9986.04	64.40	300.56	1467.16	-25145.12	11851.20
	343	-9986.04	-64.40	-300.56	-1467.16	14625.41	-9597.17
12	323	2193.84	31.72	17.08	135.58	-578.38	-880.46
	333	-2193.84	-31.72	-17.08	-135.58	-19.39	1990.73
13	313	4739.95	10.98	23.45	172.18	-1443.44	154.50
	323	-4739.95	-10.98	-23.45	-172.18	622.54	229.88
14	181	10281.31	-105.80	34.14	178.84	-2777.27	-10873.41
	313	-10281.31	105.80	-34.14	-178.84	1582.35	7170.25
15	277	1189.63	50.35	148.72	3052.05	2203.18	-1973.44
	283	-1189.63	-50.35	-148.72	-3052.05	-7408.48	3735.55
16	271	2858.30	85.81	131.16	2866.53	-6094.28	-3029.49
	277	-2858.30	-85.81	-131.16	-2866.53	1503.55	6032.70
17	176	6362.59	-211.39	182.41	2797.78	-16267.61	-25142.79
	271	-6362.59	211.39	-182.41	-2797.78	9883.27	17744.27
18	272	3872.15	-810.75	-224.01	-2617.56	-17730.76	37898.13
	278	-3872.15	810.75	224.01	2617.56	25571.14	-66274.49
19	266	3388.88	-1222.59	-163.44	-650.67	-9578.59	-8561.78
	272	-3388.88	1222.59	163.44	650.67	15299.03	-34228.85
20	175	3370.03	-2032.96	-137.80	443.39	-2484.82	-95694.31
	266	-3370.03	2032.96	137.80	-443.39	7307.68	24540.76
21	508	-1229.50	1428.99	23.46	-1034.25	-3307.25	82385.53
	278	1229.50	1421.01	-23.46	1034.25	-3729.90	-81187.99
22	506	113.43	-192.83	-28.37	-910.15	6452.04	-53446.13
	500	-113.43	192.83	28.37	910.15	5302.21	-26437.94
23	167	980.17	170.13	20.19	3122.35	-3380.47	22283.05
	506	-980.17	-170.13	-20.19	-3122.35	-2468.24	27003.13
24	507	-368.57	2139.35	-8.43	567.74	1129.54	114125.80
	508	368.57	2180.65	8.43	-567.74	1398.05	-120321.11

25	506	1159.33	3125.34	13.08	1454.40	-3201.09	216817.31
	507	-1159.33	3066.66	-13.08	-1454.40	-2424.03	-204203.26
26	505	1171.71	2711.07	-13.58	-1172.76	2961.87	168370.68
	506	-1171.71	2904.93	13.58	1172.76	2332.81	-206174.22
27	504	2233.33	2944.28	25.33	-33.96	-7313.12	165093.52
	505	-2233.33	3247.72	-25.33	33.96	-3578.68	-230334.90
28	504	62.18	-65.07	-85.56	-2804.14	20820.69	-17067.99
	498	-62.18	65.07	85.56	2804.14	14626.36	-9887.78
29	161	413.73	44.82	-39.46	9528.88	6686.04	6614.45
	504	-413.73	-44.82	39.46	-9528.88	4745.58	6369.51
30	499	612.39	1889.33	23.38	-938.49	-2016.13	129787.85
	498	-612.39	1679.67	-23.38	938.49	-8037.39	-84711.57
31	500	504.55	1616.20	-0.13	2138.59	-777.52	110981.06
	499	-504.55	1620.80	0.13	-2138.59	828.13	-111876.81
32	501	595.12	1767.36	10.83	157.52	-880.34	114898.22
	500	-595.12	1801.64	-10.83	-157.52	-3778.14	-122267.89
33	502	371.26	1180.62	14.15	2006.38	-2098.91	61335.65
	501	-371.26	1309.38	-14.15	-2006.38	-2147.16	-80648.65
34	503	313.80	1366.59	21.20	615.70	-5389.01	91815.93
	502	-313.80	1123.41	-21.20	-615.70	-971.55	-55338.70
35	496	489.67	1102.17	-24.59	486.88	6291.49	35639.25
	503	-489.67	1447.83	24.59	-486.88	6251.39	-123780.49
36	160	2717.63	261.07	-2279.43	11637.26	95712.25	16748.18
	504	-2717.63	-261.07	2279.43	-11637.26	143627.85	10664.52
37	163	5958.79	38.91	1061.62	-616.81	-49505.41	5223.92
	505	-5958.79	-38.91	-1061.62	616.81	-61964.21	-1138.80
38	166	5384.75	644.36	-36.18	1255.33	-1424.01	38587.93
	506	-5384.75	-644.36	36.18	-1255.33	5223.06	29070.17
39	169	5206.01	21.51	1527.90	-1294.49	-70351.89	3144.90
	507	-5206.01	-21.51	-1527.90	1294.49	-90077.45	-886.66
40	172	3609.64	-31.88	860.93	-1909.20	-52462.38	-1745.67
	508	-3609.64	31.88	-860.93	1909.20	-37935.58	-1601.99
41	159	1714.59	59.57	-526.83	6495.66	60785.35	7134.05
	498	-1714.59	-59.57	526.83	-6495.66	81458.25	8949.29
42	162	3510.13	23.51	107.84	-1188.00	-11205.58	3270.63
	499	-3510.13	-23.51	-107.84	1188.00	-17911.04	3077.08
43	165	3549.54	169.88	-62.19	670.35	6782.22	21410.50
	500	-3549.54	-169.88	62.19	-670.35	10009.88	24456.88
44	168	3076.74	-3.32	223.86	-3027.50	-26192.32	-2745.23
	501	-3076.74	3.32	-223.86	3027.50	-34249.57	1848.86
45	171	2304.03	-7.05	57.46	-3070.46	-9517.14	-512.36
	502	-2304.03	7.05	-57.46	3070.46	-5996.96	-1390.69
46	174	2814.42	45.80	-175.87	862.38	15519.11	12493.67
	503	-2814.42	-45.80	175.87	-862.38	31964.57	-128.81
47	177	3433.76	275.21	482.98	801.68	-31784.81	33573.03
	496	-3433.76	-275.21	-482.98	-801.68	-98620.46	40734.41
48	178	2583.03	-70.19	33.92	494.94	3676.78	-10112.71
	497	-2583.03	70.19	-33.92	-494.94	-12834.32	-8838.43
49	278	502.73	1860.07	4.46	-3302.52	-461.76	196397.93
	496	388.27	1574.35	-4.46	3302.52	-2471.58	-102528.42
50	497	284.57	1341.81	19.67	-16953.77	-3545.95	96910.11

	496	-284.57	710.19	-19.67	16953.77	-3926.76	23098.60
51	478	214.38	1674.79	-14.25	-4119.46	-192.90	146603.88
	497	-214.38	1241.21	14.25	4119.46	4040.89	-88071.68
52	173	1456.52	604.38	-3.05	-3630.72	1151.44	55158.30
	278	-1131.02	646.81	3.05	3630.72	121.19	-64006.43
53	283	88.73	-60.96	-31.91	848.76	9348.26	-21293.57
	478	-88.73	60.96	31.91	-848.76	7757.69	-11382.25
54	173	524.09	83.72	30.42	3164.94	-4941.72	16250.18
	283	-524.09	-83.72	-30.42	-3164.94	-4726.78	10360.02
55	483	1803.95	4719.58	-19.86	-476.33	4296.81	626383.31
	484	-1803.95	3896.85	19.86	476.33	11544.57	-298186.61
56	482	638.44	2596.76	10.77	415.43	-1421.62	226360.10
	483	-638.44	3346.25	-10.77	-415.43	-4502.75	-432575.71
57	481	885.82	3411.03	0.88	1632.02	-717.75	337021.71
	482	-885.82	3176.97	-0.88	-1632.02	178.96	-265633.71
58	480	573.67	3010.22	-4.18	-1264.64	1664.70	313358.40
	481	-573.67	2929.84	4.18	1264.64	634.57	-291252.22
59	479	799.26	3460.91	-3.99	1640.31	929.03	350094.40
	480	-799.26	3451.09	3.99	-1640.31	1626.96	-346949.74
60	478	648.91	2810.92	9.42	-1558.96	-4008.78	208219.98
	479	-648.91	3237.08	-9.42	1558.96	-1266.36	-327545.26
61	363	80.71	-96.03	22.19	-1339.86	-6651.62	-32330.21
	480	-80.71	96.03	-22.19	1339.86	-5242.84	-19142.49
62	186	733.91	78.04	-73.62	-11159.92	17023.59	13546.96
	363	-733.91	-78.04	73.62	11159.92	6375.91	11257.35
63	473	86.03	-75.50	97.75	-22448.62	-17791.45	-23111.43
	484	-86.03	75.50	-97.75	22448.62	-30670.14	-14319.57
64	255	-29.87	-234.87	-35.20	9497.83	6846.03	-70778.07
	483	29.87	234.87	35.20	-9497.83	11354.75	-50665.49
65	492	-65.51	84.35	95.10	13451.26	-15299.27	11058.00
	489	65.51	-84.35	-95.10	-13451.26	-13231.95	14247.98
66	494	824.65	3432.27	-29.72	-4824.88	7811.48	193179.34
	492	-824.65	4156.92	29.72	4824.88	8384.98	-391879.11
67	492	-52.26	0.20	-47.38	10653.90	11544.96	330.82
	495	52.26	-0.20	47.38	-10653.90	7289.77	-253.00
68	491	1119.50	2135.94	8.98	1693.98	-2939.87	191152.85
	492	-1119.50	2650.92	-8.98	-1693.98	-4269.78	-396190.85
69	490	88.80	-59.56	-22.82	11188.26	4825.27	-6700.43
	491	-88.80	59.56	22.82	-11188.26	1964.57	-11019.71
70	489	2655.57	2484.28	0.67	-104.63	-1115.98	326462.29
	490	-2655.57	2295.78	-0.67	104.63	578.86	-253717.73
71	488	1148.91	1523.94	-49.18	-4498.87	13462.12	111729.52
	489	-1148.91	1732.48	49.18	4498.87	13342.46	-169791.45
72	494	3.74	-89.45	109.43	-21929.66	-17951.40	-14552.11
	488	-3.74	89.45	-109.43	21929.66	-14876.69	-12281.58
73	493	2.45	23.62	-44.89	12324.67	6952.84	2817.42
	494	-2.45	-23.62	44.89	-12324.67	10892.11	6569.68
74	493	1228.79	2155.72	10.92	-2700.92	-3131.62	143847.82
	495	-1228.79	2196.93	-10.92	2700.92	-2847.52	-155126.77
75	473	2236.22	-2677.64	89.66	5404.13	-21296.23	-176849.22
	490	-2236.22	2677.64	-89.66	-5404.13	6501.55	-264961.89

76	382	4476.45	1402.96	-13.57	-15783.34	1386.51	-80145.93
	473	-4476.45	-1402.96	13.57	15783.34	-911.67	129249.48
77	293	5493.29	1632.84	-24.11	-14097.37	1444.57	836.53
	382	-5493.29	-1632.84	24.11	14097.37	-600.87	56312.98
78	200	7418.45	2214.77	-27.88	-13394.60	1816.96	108910.75
	293	-7418.45	-2214.77	27.88	13394.60	-841.08	-31393.92
79	255	4132.41	1601.77	-115.36	-1005.46	9181.19	121071.83
	489	-4132.41	-1601.77	115.36	1005.46	9853.74	143219.59
80	245	3971.96	-870.15	644.36	-134.65	18031.61	39312.04
	255	-3971.96	870.15	-644.36	134.65	-40584.25	-69767.34
81	235	6106.04	-676.66	546.91	37.34	-13841.77	-3987.20
	245	-6106.04	676.66	-546.91	-37.34	-5300.17	-19695.80
82	197	11741.60	-852.77	690.56	133.85	-50955.75	-38897.05
	235	-11741.60	852.77	-690.56	-133.85	26786.16	9049.97
83	443	1613.38	1258.33	52.93	-1414.57	-950.04	73965.73
	488	-1613.38	-1258.33	-52.93	1414.57	-7782.71	133659.18
84	433	2737.91	-600.25	23.50	12.57	-1917.33	29565.25
	443	-2737.91	600.25	-23.50	-12.57	1094.86	-50574.11
85	423	4681.86	-546.72	37.45	561.44	-3904.72	-707.42
	433	-4681.86	546.72	-37.45	-561.44	2594.04	-18427.65
86	193	9470.81	-397.64	65.70	761.36	-7011.39	-1785.37
	423	-9470.81	397.64	-65.70	-761.36	4711.80	-12132.19
87	201	2195.50	-1097.39	-76.52	-975.31	8449.09	-116233.98
	491	-2195.50	1097.39	76.52	975.31	12211.82	-180061.94
88	196	6892.38	152.01	-28.64	360.88	2357.22	33927.34
	492	-6892.38	-152.01	28.64	-360.88	5375.56	7114.75
89	192	3319.21	670.33	28.42	752.19	-4516.81	22063.15
	494	-3319.21	-670.33	-28.42	-752.19	-3157.55	158925.00
90	487	2179.34	1273.68	-13.37	3821.22	-3914.04	-3330.78
	493	-2179.34	-1273.68	13.37	-3821.22	5518.34	156172.49
91	185	4518.06	-1013.13	-9.68	2707.94	-3916.08	-48390.71
	487	-4518.06	1013.13	9.68	-2707.94	5368.28	-103579.36
92	486	1893.26	2800.55	2.38	-1524.07	-187.62	290667.83
	487	-1893.26	2323.45	-2.38	1524.07	-1267.15	-145149.66
93	485	1453.71	2076.84	-5.71	1367.08	2756.15	124266.69
	486	-1453.71	2543.21	5.71	-1367.08	382.98	-252518.55
94	186	-74.48	8.45	46.47	-3655.61	-10426.97	2180.15
	485	74.48	-8.45	-46.47	3655.61	-9424.72	1428.16
95	183	2095.08	1407.25	71.80	-4784.93	-8539.63	93548.32
	485	-2095.08	-1407.25	-71.80	4784.93	-2230.38	117539.55
96	184	5343.76	439.54	-1.48	195.35	-1520.66	27785.69
	486	-5343.76	-439.54	1.48	-195.35	1743.34	38145.67
97	179	4516.39	402.62	79.52	2918.07	-7527.32	50287.38
	478	-4516.39	-402.62	-79.52	-2918.07	-13942.75	58420.57
98	182	6697.99	150.35	13.41	-337.34	-422.42	18046.06
	479	-6697.99	-150.35	-13.41	337.34	-3199.26	22549.14
99	188	6527.83	-203.43	109.14	-1284.18	-11806.98	-24225.93
	480	-6527.83	203.43	-109.14	1284.18	-17661.90	-30700.17
100	191	6340.87	312.17	-7.67	-83.18	3644.01	38520.28
	481	-6340.87	-312.17	7.67	83.18	-1572.79	45766.75
101	194	5773.73	-247.36	10.43	-1242.66	3166.80	-27384.99

	482	-5773.73	247.36	-10.43	1242.66	-5981.92	-39401.32
102	198	8297.96	1128.53	107.46	7524.27	24537.67	124041.25
	483	-8297.96	-1128.53	-107.46	-7524.27	-53551.10	180662.89
103	199	3939.41	-1705.49	36.05	-9905.87	-3179.31	-193700.02
	484	-3939.41	1705.49	-36.05	9905.87	-6553.85	-266782.09
179	472	-1674.92	234.47	-9.63	131.17	-280.94	2167.74
	473	1674.92	341.53	9.63	-131.17	794.34	-5022.50
180	467	71.42	291.85	-3.48	66.48	-113.67	2543.08
	472	-71.42	284.15	3.48	-66.48	299.23	-2337.70
181	466	1030.31	290.19	-1.20	46.09	-41.87	2516.73
	467	-1030.31	285.81	1.20	-46.09	105.82	-2399.80
182	471	-1.14e-013	327.02	0.00	119.35	-1.82e-012	1836.52
	200	1.14e-013	502.35	0.00	-119.35	-9.09e-013	-6630.05
183	470	-5.68e-014	387.75	2.84e-014	62.48	0.00	2778.35
	471	5.68e-014	441.63	-2.84e-014	-62.48	0.00	-4333.26
184	229	5.68e-014	388.29	2.84e-014	42.28	0.00	2871.64
	470	-5.68e-014	441.09	-2.84e-014	-42.28	0.00	-4397.82
185	469	5.68e-014	394.78	-2.84e-014	35.61	9.09e-013	2933.29
	229	-5.68e-014	434.60	2.84e-014	-35.61	9.09e-013	-4113.32
186	468	-1.42e-013	400.97	8.53e-014	33.58	0.00	3082.82
	469	1.42e-013	428.40	-8.53e-014	-33.58	0.00	-3932.55
187	228	-1.14e-013	407.48	0.00	32.99	-1.36e-012	3221.79
	468	1.14e-013	421.89	0.00	-32.99	0.00	-3724.34
188	465	1674.54	289.50	-0.44	38.08	-14.99	2403.66
	466	-1674.54	286.50	0.44	-38.08	38.29	-2323.74
189	464	2154.56	288.87	-0.16	34.83	-5.26	2373.28
	465	-2154.56	287.13	0.16	-34.83	13.90	-2326.65
190	459	2477.87	288.60	-5.93e-002	33.54	-1.85	2331.85
	464	-2477.87	287.40	5.93e-002	-33.54	5.02	-2299.88
191	458	2642.58	288.19	-2.03e-002	33.03	-0.74	2311.18
	459	-2642.58	287.81	2.03e-002	-33.03	1.82	-2300.82
192	457	2648.69	287.84	-3.92e-003	32.82	-0.56	2299.68
	458	-2648.69	288.16	3.92e-003	-32.82	0.77	-2308.41
193	456	2496.29	287.47	7.01e-003	32.68	-0.99	2303.44
	457	-2496.29	288.53	-7.01e-003	-32.68	0.62	-2331.53
194	463	-5.68e-014	413.85	2.84e-014	32.81	4.55e-013	3381.94
	228	5.68e-014	415.53	-2.84e-014	-32.81	4.55e-013	-3544.87
195	462	-2.84e-014	420.27	0.00	32.75	-4.55e-013	3551.18
	463	2.84e-014	409.10	0.00	-32.75	-4.55e-013	-3371.54
196	227	-1.14e-013	426.69	0.00	32.67	-4.55e-013	3735.98
	462	1.14e-013	402.68	0.00	-32.67	-4.55e-013	-3213.87
197	461	-8.53e-014	433.06	2.84e-014	32.44	4.55e-013	3927.50
	227	8.53e-014	396.31	-2.84e-014	-32.44	4.55e-013	-3065.60
198	460	2.84e-014	439.56	5.68e-014	31.73	-4.55e-013	4146.19
	461	-2.84e-014	389.81	-5.68e-014	-31.73	9.09e-013	-2937.53
199	226	-1.71e-013	445.74	4.26e-014	29.49	0.00	4340.17
	460	1.71e-013	383.63	-4.26e-014	-29.49	0.00	-2802.18
200	453	2185.31	287.08	2.29e-002	32.52	-2.41	2314.91
	456	-2185.31	288.92	-2.29e-002	-32.52	1.19	-2364.05
201	452	1715.65	286.77	5.76e-002	32.27	-6.09	2350.68
	453	-1715.65	289.23	-5.76e-002	-32.27	3.02	-2416.41

202	451	1088.96	286.25	0.16	32.03	-15.84	2366.94
	452	-1088.96	289.75	-0.16	-32.03	7.54	-2460.27
203	450	292.44	285.42	0.56	31.79	-46.22	2441.87
	451	-292.44	290.58	-0.56	-31.79	16.27	-2579.34
204	449	-800.37	284.79	2.45	20.43	-159.68	2455.60
	450	800.37	291.21	-2.45	-20.43	29.03	-2626.71
205	255	-2392.75	321.48	1.27	-167.39	-80.94	4271.24
	449	2392.75	254.52	-1.27	167.39	13.20	-2485.62
206	455	-1.71e-013	452.01	0.00	22.04	4.55e-013	4623.25
	226	1.71e-013	377.36	0.00	-22.04	9.09e-013	-2750.73
207	454	-1.99e-013	454.07	9.95e-014	-7.03	0.00	4631.79
	455	1.99e-013	375.30	-9.95e-014	7.03	0.00	-2649.21
208	197	0.00	463.66	4.26e-014	-223.00	0.00	6474.62
	454	0.00	320.64	-4.26e-014	223.00	0.00	-1677.67
209	254	-1190.26	317.91	-2.82	156.17	-47.28	3295.07
	255	1190.26	270.69	2.82	-156.17	200.93	-2008.19
210	253	-631.73	294.72	-2.99	-39.43	-43.17	2717.25
	254	631.73	293.88	2.99	39.43	205.86	-2694.39
211	252	-49.54	295.81	-0.74	-52.55	-21.46	2667.66
	253	49.54	292.79	0.74	52.55	62.00	-2585.46
212	251	307.31	294.80	-0.23	-53.81	-8.79	2615.47
	252	-307.31	293.80	0.23	53.81	21.08	-2588.12
213	250	478.83	294.53	-0.10	-54.34	-2.09	2594.37
	251	-478.83	294.07	0.10	54.34	7.52	-2581.85
214	249	481.89	294.15	-8.97e-002	-54.24	3.06	2587.93
	250	-481.89	294.45	8.97e-002	54.24	1.84	-2596.28
215	248	318.19	293.62	-0.18	-52.90	12.52	2572.61
	249	-318.19	294.98	0.18	52.90	-2.52	-2609.84
216	247	-22.97	292.82	-0.48	-48.54	37.56	2600.93
	248	22.97	295.78	0.48	48.54	-11.27	-2681.54
217	246	-640.97	292.60	-1.17	-36.92	101.54	2609.71
	247	640.97	296.00	1.17	36.92	-37.94	-2702.20
218	443	-1700.73	318.31	-1.98	-12.33	231.02	3890.73
	246	1700.73	270.29	1.98	12.33	-122.91	-2582.15
219	448	5.68e-014	381.83	-2.84e-014	211.49	-4.55e-013	2527.61
	197	-5.68e-014	490.26	2.84e-014	-211.49	0.00	-5580.70
220	225	5.68e-014	416.05	4.26e-014	-12.27	0.00	3361.78
	448	-5.68e-014	456.03	-4.26e-014	12.27	0.00	-4549.44
221	447	5.68e-014	422.35	-1.42e-014	-43.52	0.00	3547.07
	225	-5.68e-014	449.73	1.42e-014	43.52	0.00	-4391.38
222	224	8.53e-014	428.68	2.84e-014	-51.81	-4.55e-013	3665.07
	447	-8.53e-014	443.41	-2.84e-014	51.81	-4.55e-013	-4164.66
223	446	1.14e-013	434.78	0.00	-54.30	0.00	3826.58
	224	-1.14e-013	437.31	0.00	54.30	4.55e-013	-3993.62
224	223	-5.68e-014	441.32	0.00	-55.08	0.00	4005.66
	446	5.68e-014	430.77	0.00	55.08	4.55e-013	-3816.22
225	445	-5.68e-014	447.66	1.42e-014	-55.29	4.55e-013	4181.12
	223	5.68e-014	424.43	-1.42e-014	55.29	-9.09e-013	-3646.30
226	222	-5.68e-014	453.66	2.84e-014	-55.14	-4.55e-013	4399.44
	445	5.68e-014	418.43	-2.84e-014	55.14	-4.55e-013	-3537.71
227	444	-5.68e-014	457.38	-1.42e-014	-54.23	-4.55e-013	4478.76

	222	5.68e-014	414.71	1.42e-014	54.23	0.00	-3414.33
228	193	-5.68e-014	490.11	4.26e-014	-56.91	9.09e-013	5567.64
	444	5.68e-014	381.98	-4.26e-014	56.91	0.00	-2719.33
289	383	-5.68e-014	435.65	-7.11e-015	21.48	2.27e-013	3473.79
	193	5.68e-014	540.44	7.11e-015	-21.48	4.55e-013	-6792.91
290	221	-5.68e-014	468.15	2.13e-014	-6.98	-2.27e-013	4217.04
	383	5.68e-014	507.95	-2.13e-014	6.98	2.27e-013	-5554.11
291	442	-658.14	527.44	-2.18	-21.91	28.34	5596.49
	443	658.14	509.56	2.18	21.91	104.83	-5051.17
292	441	249.14	519.96	-0.31	-22.19	-4.48	5240.53
	442	-249.14	517.04	0.31	22.19	23.41	-5151.64
293	440	962.05	520.33	-7.34e-003	-18.54	-4.18	5194.83
	441	-962.05	516.67	7.34e-003	18.54	4.63	-5083.18
294	439	1363.86	519.08	-7.24e-004	-17.39	-1.63	5119.12
	440	-1363.86	517.92	7.24e-004	17.39	1.68	-5083.81
295	380	-5.68e-014	475.34	-2.13e-014	-14.08	-2.27e-013	4444.49
	221	5.68e-014	500.76	2.13e-014	14.08	0.00	-5342.95
296	220	-1.14e-013	483.08	0.00	-16.35	-4.55e-013	4616.19
	380	1.14e-013	493.02	0.00	16.35	-2.27e-013	-5042.28
297	379	-1.14e-013	490.18	-3.55e-014	-16.99	-6.82e-013	4831.20
	220	1.14e-013	485.92	3.55e-014	16.99	-4.55e-013	-4824.44
298	219	-1.42e-013	497.66	0.00	-17.16	6.82e-013	5070.61
	379	1.42e-013	478.44	0.00	17.16	9.09e-013	-4607.46
299	438	1499.25	518.50	-8.98e-003	-17.15	-0.18	5095.37
	439	-1499.25	518.50	8.98e-003	17.15	0.72	-5095.27
300	437	1376.06	517.96	-2.21e-002	-17.01	1.20	5090.94
	438	-1376.06	519.04	2.21e-002	17.01	0.15	-5123.62
301	436	995.80	517.29	-6.29e-002	-16.57	4.41	5088.80
	437	-995.80	519.71	6.29e-002	16.57	-0.58	-5162.46
302	435	350.96	515.93	-0.18	-15.10	13.78	5116.82
	436	-350.96	521.07	0.18	15.10	-2.78	-5273.61
303	376	-1.42e-013	504.84	-2.84e-014	-17.16	4.55e-013	5306.78
	219	1.42e-013	471.26	2.84e-014	17.16	6.82e-013	-4405.82
304	218	-5.68e-014	512.40	-2.84e-014	-16.99	6.82e-013	5627.74
	376	5.68e-014	463.70	2.84e-014	16.99	-9.09e-013	-4265.35
305	375	2.84e-014	518.64	1.42e-014	-16.05	0.00	5817.22
	218	-2.84e-014	457.46	-1.42e-014	16.05	3.41e-013	-4074.29
306	190	2.84e-014	554.50	-1.42e-014	-15.10	-4.55e-013	7244.02
	375	-2.84e-014	421.59	1.42e-014	15.10	0.00	-3313.34
307	434	-633.97	516.39	-0.45	-10.87	39.09	5187.22
	435	633.97	520.61	0.45	10.87	-11.83	-5316.21
308	413	-2038.59	529.14	-0.83	-2.26	97.93	6007.30
	434	2038.59	507.86	0.83	2.26	-47.39	-5358.07
309	412	-2169.84	454.70	1.68	15.44	74.67	4367.53
	413	2169.84	480.30	-1.68	-15.44	-166.98	-5071.47
310	411	-1047.47	469.06	0.75	28.59	25.13	4344.40
	412	1047.47	465.94	-0.75	-28.59	-66.41	-4258.86
311	372	-2.84e-014	382.58	2.13e-014	28.54	5.68e-013	2626.59
	190	2.84e-014	497.51	-2.13e-014	-28.54	-5.68e-013	-5887.15
312	217	0.00	416.32	-2.13e-014	34.38	-1.14e-013	3341.69
	372	0.00	463.77	2.13e-014	-34.38	3.41e-013	-4746.44

313	371	0.00	421.96	3.55e-015	37.11	-6.82e-013	3515.05
	217	0.00	458.13	-3.55e-015	-37.11	-2.27e-013	-4609.94
314	216	0.00	429.57	-2.49e-014	37.89	5.68e-013	3656.22
	371	0.00	450.52	2.49e-014	-37.89	-7.96e-013	-4332.38
315	410	-287.29	469.38	0.29	34.56	7.92	4312.45
	411	287.29	465.62	-0.29	-34.56	-24.05	-4208.90
316	409	168.86	468.35	0.11	36.83	1.80	4229.94
	410	-168.86	466.65	-0.11	-36.83	-8.12	-4183.05
317	408	403.38	467.78	6.23e-002	37.52	-1.52	4206.19
	409	-403.38	467.22	-6.23e-002	-37.52	-1.91	-4190.82
318	407	428.30	467.34	7.61e-002	37.48	-6.05	4191.96
	408	-428.30	467.66	-7.61e-002	-37.48	1.86	-4200.56
319	368	2.84e-014	437.28	3.55e-015	37.94	0.00	3860.78
	216	-2.84e-014	442.81	-3.55e-015	-37.94	4.55e-013	-4112.98
320	215	-2.84e-014	445.27	0.00	37.38	3.41e-013	4078.47
	368	2.84e-014	434.82	0.00	-37.38	7.39e-013	-3891.13
321	367	1.14e-013	452.97	0.00	35.37	5.68e-013	4293.84
	215	-1.14e-013	427.12	0.00	-35.37	-8.53e-013	-3683.10
322	214	1.71e-013	460.65	-1.07e-014	28.72	-5.68e-013	4569.10
	367	-1.71e-013	419.44	1.07e-014	-28.72	0.00	-3535.92
323	406	243.52	466.79	0.17	37.02	-16.64	4181.66
	407	-243.52	468.21	-0.17	-37.02	7.39	-4220.89
324	405	-162.39	465.76	0.51	36.37	-47.07	4202.04
	406	162.39	469.24	-0.51	-36.37	19.06	-4297.71
325	404	-865.04	466.10	2.03	31.25	-152.77	4250.52
	405	865.04	468.90	-2.03	-31.25	41.16	-4327.26
326	363	-1908.97	478.56	4.77	-55.94	-317.51	4968.94
	404	1908.97	456.44	-4.77	55.94	54.89	-4360.64
327	364	1.71e-013	466.40	2.49e-014	6.17	5.68e-014	4705.19
	214	-1.71e-013	413.69	-2.49e-014	-6.17	6.54e-013	-3355.56
328	187	1.71e-013	499.54	-5.33e-015	-115.37	-8.53e-014	5832.28
	364	-1.71e-013	380.55	5.33e-015	115.37	2.84e-013	-2659.93
389	362	-1813.50	532.40	-0.59	25.44	15.40	5825.47
	363	1813.50	555.60	0.59	-25.44	22.66	-6567.91
390	361	-363.32	545.98	-0.76	-34.40	-9.67	5823.16
	362	363.32	542.02	0.76	34.40	58.00	-5696.35
391	302	-1.56e-013	458.98	-1.91e-014	81.78	-5.61e-013	3964.58
	187	1.56e-013	565.12	1.91e-014	-81.78	-8.60e-013	-7496.57
392	213	1.71e-013	489.19	4.44e-016	-16.02	4.44e-013	4635.55
	302	-1.71e-013	534.92	-4.44e-016	16.02	1.49e-013	-6234.41
393	301	-5.68e-014	495.63	3.11e-015	-27.89	1.99e-013	4830.09
	213	5.68e-014	528.48	-3.11e-015	27.89	-8.53e-014	-6016.75
394	212	-4.26e-014	502.94	-1.15e-014	-31.28	4.26e-013	4980.86
	301	4.26e-014	521.16	1.15e-014	31.28	1.42e-013	-5699.29
395	360	608.65	546.49	-0.15	-32.82	-6.64	5786.10
	361	-608.65	541.51	0.15	32.82	16.22	-5626.88
396	359	1222.07	545.13	-4.42e-002	-32.28	-2.39	5674.79
	360	-1222.07	542.87	4.42e-002	32.28	5.22	-5602.32
397	358	1546.72	544.36	-2.37e-002	-32.27	-0.29	5635.68
	359	-1546.72	543.64	2.37e-002	32.27	1.81	-5612.55
398	357	1588.10	543.83	-3.06e-002	-32.19	1.49	5615.22

	358	-1588.10	544.17	3.06e-002	32.19	0.47	-5625.92
399	298	-5.68e-014	509.93	-8.88e-015	-32.16	1.71e-013	5189.61
	212	5.68e-014	514.17	8.88e-015	32.16	-1.14e-013	-5460.94
400	211	-5.68e-014	517.15	-7.11e-015	-32.35	-5.68e-014	5417.23
	298	5.68e-014	506.95	7.11e-015	32.35	-3.98e-013	-5226.34
401	297	-5.68e-014	524.13	-3.55e-015	-32.28	-3.41e-013	5649.35
	211	5.68e-014	499.97	3.55e-015	32.28	-6.25e-013	-5011.80
402	210	1.42e-013	531.46	-7.11e-015	-31.82	-3.41e-013	5959.96
	297	-1.42e-013	492.64	7.11e-015	31.82	-6.82e-013	-4853.13
403	356	1346.07	543.07	-7.95e-002	-31.73	5.60	5599.63
	357	-1346.07	544.93	7.95e-002	31.73	-0.51	-5658.97
404	355	814.91	541.70	-0.24	-30.08	18.09	5615.18
	356	-814.91	546.30	0.24	30.08	-2.97	-5762.18
405	354	-74.64	542.16	-0.65	-25.00	54.61	5679.81
	355	74.64	545.84	0.65	25.00	-13.05	-5797.57
406	333	-1417.10	552.97	-1.43	-12.30	144.52	6425.01
	354	1417.10	535.03	1.43	12.30	-53.07	-5850.96
407	294	-7.11e-014	538.07	7.11e-015	-29.77	6.82e-013	6179.60
	210	7.11e-014	486.03	-7.11e-015	29.77	4.55e-013	-4649.70
408	181	-1.56e-013	568.56	-7.11e-015	-25.21	-9.09e-013	7429.37
	294	1.56e-013	455.54	7.11e-015	25.21	5.68e-013	-3948.22
409	332	-1519.34	463.90	1.10	6.19	61.28	4485.54
	333	1519.34	488.10	-1.10	-6.19	-123.04	-5162.99
410	331	-347.33	477.69	0.56	16.03	18.81	4448.57
	332	347.33	474.31	-0.56	-16.03	-50.01	-4354.09
411	292	1.14e-013	390.27	-1.42e-014	19.50	-4.55e-013	2703.95
	181	-1.14e-013	505.82	1.42e-014	-19.50	6.82e-013	-6043.27
412	209	-2.84e-014	423.72	-7.11e-015	21.98	-2.27e-013	3402.70
	292	2.84e-014	472.37	7.11e-015	-21.98	-6.82e-013	-4868.59
413	291	1.14e-013	429.40	7.11e-015	23.51	0.00	3579.27
	209	-1.14e-013	466.69	-7.11e-015	-23.51	-6.82e-013	-4727.23
414	208	5.68e-014	437.04	0.00	23.88	-6.82e-013	3720.64
	291	-5.68e-014	459.05	0.00	-23.88	6.82e-013	-4440.69
415	330	452.91	478.00	0.23	21.06	5.46	4415.34
	331	-452.91	474.00	-0.23	-21.06	-18.33	-4303.34
416	329	944.27	476.93	9.06e-002	22.94	1.00	4328.02
	330	-944.27	475.07	-9.06e-002	-22.94	-6.08	-4275.96
417	328	1207.57	476.34	5.11e-002	23.47	-1.56	4301.39
	329	-1207.57	475.66	-5.11e-002	-23.47	-1.31	-4282.52
418	327	1253.71	475.88	6.85e-002	23.35	-5.53	4284.25
	328	-1253.71	476.12	-6.85e-002	-23.35	1.70	-4291.02
419	288	5.68e-014	444.65	-2.84e-014	23.84	6.82e-013	3924.27
	208	-5.68e-014	451.44	2.84e-014	-23.84	2.27e-013	-4218.14
420	207	1.14e-013	452.57	2.13e-014	23.37	2.27e-013	4142.33
	288	-1.14e-013	443.52	-2.13e-014	-23.37	-4.55e-013	-3992.82
421	287	1.14e-013	460.12	0.00	21.69	-4.55e-013	4355.55
	207	-1.14e-013	435.96	0.00	-21.69	-1.14e-012	-3782.77
422	206	5.68e-014	468.21	4.26e-014	16.09	0.00	4650.15
	287	-5.68e-014	427.88	-4.26e-014	-16.09	-4.55e-013	-3624.46
423	326	1082.09	475.35	0.16	22.76	-15.31	4275.24
	327	-1082.09	476.65	-0.16	-22.76	6.53	-4311.48

424	325	687.12	474.34	0.46	21.76	-43.28	4292.68
	326	-687.12	477.66	-0.46	-21.76	17.60	-4385.48
425	324	17.70	474.32	1.72	17.70	-137.18	4325.51
	325	-17.70	477.68	-1.72	-17.70	40.74	-4419.77
426	283	-969.89	486.78	4.76	-37.69	-331.49	5007.24
	324	969.89	465.22	-4.76	37.69	64.82	-4403.84
427	284	5.68e-014	474.16	-4.97e-014	-2.41	-4.55e-013	4784.31
	206	-5.68e-014	421.93	4.97e-014	2.41	-9.09e-013	-3425.61
428	176	1.14e-013	510.10	7.11e-015	-90.52	-2.27e-013	6149.68
	284	-1.14e-013	385.99	-7.11e-015	90.52	9.09e-013	-2778.55
444	282	-1155.62	140.18	-3.22	-23.30	-26.53	1380.07
	283	1155.62	151.42	3.22	23.30	200.52	-1683.65
445	281	-700.80	146.15	-1.56	-65.49	-0.23	1334.68
	282	700.80	145.45	1.56	65.49	84.43	-1315.83
446	280	-458.97	146.09	-1.48	-54.79	71.75	1329.46
	281	458.97	145.51	1.48	54.79	8.38	-1313.67
447	279	-469.92	144.73	-3.02	-16.83	224.62	1259.82
	280	469.92	146.87	3.02	16.83	-61.34	-1317.60
448	278	-816.44	161.17	4.79e-002	127.67	256.52	2122.90
	279	816.44	130.43	-4.79e-002	-127.67	-259.10	-1292.83
449	205	-5.68e-014	409.74	4.26e-014	27.27	4.55e-013	3266.22
	176	5.68e-014	454.35	-4.26e-014	-27.27	6.82e-013	-4567.09
450	204	-2.84e-014	425.94	0.00	-52.35	4.55e-013	3692.53
	205	2.84e-014	438.15	0.00	52.35	9.09e-013	-4118.49
451	203	-1.14e-013	430.51	0.00	-70.57	4.55e-013	3855.84
	204	1.14e-013	433.58	0.00	70.57	4.55e-013	-4035.00
452	202	-8.53e-014	433.34	-2.84e-014	-78.68	4.55e-013	3846.31
	203	8.53e-014	430.74	2.84e-014	78.68	-9.09e-013	-3872.58
453	175	-2.84e-014	477.46	2.84e-014	-42.70	4.55e-013	5436.86
	202	2.84e-014	386.63	-2.84e-014	42.70	9.09e-013	-3080.86
454	101	4692.34	-730.63	-113.55	59.52	17661.22	-145053.46
	201	-4692.34	730.63	113.55	-59.52	23215.76	-117971.86
455	100	11757.04	-1226.68	-6.94	59.52	-2641.58	-267416.54
	200	-11757.04	1226.68	6.94	-59.52	5141.67	-174187.85
456	99	7577.18	-979.54	22.08	59.52	195.78	-199782.07
	199	-7577.18	979.54	-22.08	-59.52	-8143.79	-152853.76
457	98	15651.64	598.32	394.66	190.45	-50707.99	127472.74
	198	-15651.64	-598.32	-394.66	-190.45	-91369.95	87921.36
458	97	21274.09	465.02	-37.93	59.52	-4161.22	107711.64
	197	-21274.09	-465.02	37.93	-59.52	17814.57	59695.70
459	96	13456.91	33.53	-188.50	59.52	28868.07	7192.84
	196	-13456.91	-33.53	188.50	-59.52	38990.68	4877.79
460	95	4400.21	-373.60	-110.11	59.52	14960.34	-70602.38
	195	-4400.21	373.60	110.11	-59.52	24680.98	-63893.63
461	85	9090.78	-17.74	-20.33	59.52	-76.99	-3403.09
	185	-9090.78	17.74	20.33	-59.52	7396.98	-2982.02
462	92	15824.17	-364.80	-28.60	59.52	72.41	-47243.84
	192	-15824.17	364.80	28.60	-59.52	10223.25	-84084.68
463	93	18002.07	-87.11	-14.97	59.52	-3419.11	-22748.21
	193	-18002.07	87.11	14.97	-59.52	8808.02	-8613.14
464	94	11211.33	-118.05	50.76	59.52	-8741.34	-24187.49

	194	-11211.33	118.05	-50.76	-59.52	-9532.94	-18309.95
465	91	12184.55	167.01	44.78	59.52	-9829.46	30916.49
	191	-12184.55	-167.01	-44.78	-59.52	-6289.79	29206.67
466	90	20308.33	191.41	1.93	59.52	-4042.21	36720.14
	190	-20308.33	-191.41	-1.93	-59.52	3349.15	32189.03
467	89	17616.18	273.01	-5.82	59.52	-3050.61	39660.09
	189	-17616.18	-273.01	5.82	-59.52	5144.35	58623.55
468	84	10072.14	90.44	-11.25	59.52	-122.67	14192.01
	184	-10072.14	-90.44	11.25	-59.52	4171.56	18365.87
469	83	4233.99	400.37	-52.17	59.52	6786.89	77102.80
	183	-4233.99	-400.37	52.17	-59.52	11994.38	67031.65
470	86	11782.56	289.43	-76.36	59.52	9117.07	49307.60
	186	-11782.56	-289.43	76.36	-59.52	18372.61	54885.64
471	87	19127.74	-126.72	-17.42	59.52	-4441.18	-28129.17
	187	-19127.74	126.72	17.42	-59.52	10712.96	-17491.58
472	88	12681.53	-70.33	78.06	59.52	-15011.94	-13927.01
	188	-12681.53	70.33	-78.06	-59.52	-13088.37	-11393.38
473	80	7377.09	56.51	-8.01	59.52	-986.61	9414.22
	180	-7377.09	-56.51	8.01	-59.52	3870.03	10930.49
474	81	19885.11	154.45	-3.92	59.52	-2001.01	30687.87
	181	-19885.11	-154.45	3.92	-59.52	3411.56	24914.38
475	82	12833.42	116.84	21.55	59.52	-4818.50	21787.42
	182	-12833.42	-116.84	-21.55	-59.52	-2940.79	20276.34
476	73	7085.63	167.82	-0.92	59.52	-2474.48	28366.95
	173	-7085.63	-167.82	0.92	-59.52	2806.71	32049.02
477	76	12245.44	306.18	-39.11	59.52	3909.24	61018.78
	176	-12245.44	-306.18	39.11	-59.52	10170.78	49206.40
478	72	7030.04	-36.96	175.34	59.52	-33262.52	-6472.97
	172	-7030.04	36.96	-175.34	-59.52	-29860.63	-6831.12
479	79	8627.35	256.83	51.82	59.52	-10486.12	47258.27
	179	-8627.35	-256.83	-51.82	-59.52	-8167.72	45199.23
480	75	8770.52	-83.24	9.09	59.52	-1692.85	-16132.77
	175	-8770.52	83.24	-9.09	-59.52	-1580.64	-13835.27
481	78	5978.82	-23.09	16.78	59.52	-3827.00	-6293.28
	178	-5978.82	23.09	-16.78	-59.52	-2213.88	-2020.80
482	70	4570.41	26.44	90.56	59.52	-16668.61	5602.85
	170	-4570.41	-26.44	-90.56	-59.52	-15933.19	3916.51
483	69	9920.74	-10.68	176.61	59.52	-33064.60	225.90
	169	-9920.74	10.68	-176.61	-59.52	-30514.04	-4071.43
484	66	10386.13	-58.03	-24.61	59.52	4759.48	-7357.44
	166	-10386.13	58.03	24.61	-59.52	4101.37	-13532.97
485	67	5166.01	-110.56	8.38	59.52	-1207.02	-15343.83
	167	-5166.01	110.56	-8.38	-59.52	-1811.22	-24458.11
486	64	4962.52	-25.85	104.35	59.52	-18148.01	-1566.86
	164	-4962.52	25.85	-104.35	-59.52	-19418.20	-7740.40
487	63	11253.12	-18.90	80.31	59.52	-19163.65	-695.74
	163	-11253.12	18.90	-80.31	-59.52	-9747.50	-6106.70
488	61	2327.36	-59.89	-268.48	59.52	45882.02	-8909.19
	161	-2327.36	59.89	268.48	-59.52	50769.25	-12651.72
489	60	5300.49	-35.44	-402.04	59.52	75712.59	-4571.08
	160	-5300.49	35.44	402.04	-59.52	69021.86	-8186.18

490	59	3384.65	27.43	-259.52	59.52	52462.97	5508.20
	159	-3384.65	-27.43	259.52	-59.52	40964.71	4365.32
491	62	6636.61	9.66	83.74	59.52	-17444.99	2956.19
	162	-6636.61	-9.66	-83.74	-59.52	-12702.45	520.67
492	65	6926.88	60.66	-4.41	59.52	2119.53	10500.92
	165	-6926.88	-60.66	4.41	-59.52	-530.92	11337.50
493	68	5896.89	54.39	141.58	59.52	-26482.10	9401.13
	168	-5896.89	-54.39	-141.58	-59.52	-24486.40	10177.87
494	71	4714.20	199.98	115.76	59.52	-21500.01	35295.28
	171	-4714.20	-199.98	-115.76	-59.52	-20173.37	36697.67
495	74	5503.10	388.64	33.04	59.52	-4685.45	70438.74
	174	-5503.10	-388.64	-33.04	-59.52	-7209.99	69470.53
496	77	5267.01	223.49	-6.21	59.52	-2207.07	43023.15
	177	-5267.01	-223.49	6.21	-59.52	4441.88	37431.60
497	166	0.00	-197.12	-1.42e-014	1640.12	2.73e-012	-32758.42
	167	0.00	197.12	1.42e-014	-1640.12	0.00	-20464.78
498	165	-2.27e-013	241.39	-7.11e-015	-1461.56	-4.55e-013	35823.32
	166	2.27e-013	-241.39	7.11e-015	1461.56	-4.55e-013	55903.55
499	163	1.14e-013	2870.89	8.88e-016	-11.63	-1.14e-013	203257.33
	160	-1.14e-013	2719.11	-8.88e-016	11.63	-1.14e-013	-170623.35
500	166	-3.41e-013	2646.57	-8.88e-016	-894.41	1.14e-013	187515.49
	163	3.41e-013	2423.43	8.88e-016	894.41	1.14e-013	-144004.41
501	169	-4.55e-013	2796.68	0.00	1015.42	2.27e-013	194016.04
	166	4.55e-013	2793.32	0.00	-1015.42	2.27e-013	-193294.53
502	172	2.27e-013	1981.95	-2.44e-015	88.88	-3.41e-013	102735.78
	169	-2.27e-013	1918.05	2.44e-015	-88.88	8.53e-014	-93150.11
503	160	4.55e-013	-57.51	1.07e-014	1336.43	9.09e-013	-8815.14
	161	-4.55e-013	57.51	-1.07e-014	-1336.43	9.09e-013	-6712.08
504	159	-4.55e-013	78.74	7.11e-015	-4552.81	4.55e-013	12531.68
	160	4.55e-013	-78.74	-7.11e-015	4552.81	1.36e-012	17388.77
505	162	2.27e-013	1676.67	1.78e-015	-1032.32	0.00	115547.16
	159	-2.27e-013	1591.33	-1.78e-015	1032.32	0.00	-97197.26
506	165	-2.27e-013	1514.19	-3.55e-015	2758.99	2.27e-013	104193.49
	162	2.27e-013	1449.81	3.55e-015	-2758.99	4.55e-013	-91639.13
507	168	9.09e-013	1646.24	-1.78e-015	-316.34	1.14e-013	114246.76
	165	-9.09e-013	1621.76	1.78e-015	316.34	1.14e-013	-108983.23
508	171	0.00	1106.08	0.00	7116.30	-4.55e-013	53393.39
	168	0.00	1173.92	0.00	-7116.30	-7.39e-013	-63568.04
509	174	-2.27e-013	-150.68	-3.77e-015	8018.43	7.53e-013	-18858.94
	171	2.27e-013	150.68	3.77e-015	-8018.43	5.68e-013	-26344.90
510	177	2.27e-013	72.55	1.78e-015	-5789.34	1.14e-013	23337.83
	174	-2.27e-013	-72.55	-1.78e-015	5789.34	-1.14e-013	13664.91
511	164	-4.55e-013	2737.87	5.33e-015	674.81	0.00	184819.88
	161	4.55e-013	2078.13	-5.33e-015	-674.81	0.00	-42975.20
512	167	4.55e-013	2143.35	-1.78e-015	-7065.60	0.00	149550.01
	164	-4.55e-013	2224.65	1.78e-015	7065.60	0.00	-165401.68
513	170	2.27e-013	2504.29	-8.88e-016	11224.12	2.27e-013	183367.38
	167	-2.27e-013	2311.71	8.88e-016	-11224.12	2.27e-013	-141963.38
514	173	0.00	1293.88	-8.88e-016	15140.63	-2.27e-013	51598.42
	170	0.00	2066.12	8.88e-016	-15140.63	3.41e-013	-167434.18
515	176	3.41e-013	-102.93	-1.55e-015	354.37	1.99e-013	-13727.60

	173	-3.41e-013	102.93	1.55e-015	-354.37	-5.68e-014	-17152.13
516	179	0.00	87.30	-4.44e-016	483.91	-1.14e-013	19578.77
	176	0.00	-87.30	4.44e-016	-483.91	-5.68e-014	24943.03
517	186	1.42e-013	-15.63	6.66e-016	304.67	2.27e-013	-1541.62
	183	-1.42e-013	15.63	-6.66e-016	-304.67	3.41e-013	-4710.70
518	187	2.42e-013	-89.92	-3.77e-015	-11836.85	-2.84e-013	-13907.88
	186	-2.42e-013	89.92	3.77e-015	11836.85	-1.71e-013	-13069.56
519	188	-1.78e-013	126.64	-1.55e-015	-227.09	5.68e-014	27873.54
	187	1.78e-013	-126.64	1.55e-015	227.09	5.68e-014	36714.53
520	196	-2.27e-013	-55.11	1.78e-015	11994.91	-2.27e-013	-6599.79
	195	2.27e-013	55.11	-1.78e-015	-11994.91	-5.12e-013	-15306.09
521	197	-2.27e-013	-168.30	-4.44e-015	1895.65	5.68e-014	-27280.44
	196	2.27e-013	168.30	4.44e-015	-1895.65	-5.12e-013	-23209.18
522	198	1.14e-013	285.75	-1.33e-015	1197.76	1.14e-013	62970.18
	197	-1.14e-013	-285.75	1.33e-015	-1197.76	0.00	77053.43
523	200	4.55e-013	-218.24	-2.89e-015	1129.26	2.56e-013	-35793.57
	201	-4.55e-013	218.24	2.89e-015	-1129.26	2.27e-013	-29134.28
524	199	2.27e-013	108.19	-2.00e-015	-2597.89	3.41e-013	21479.39
	200	-2.27e-013	-108.19	2.00e-015	2597.89	4.55e-013	29102.48
525	185	0.00	2189.50	-2.66e-015	-5054.02	4.55e-013	168926.02
	195	0.00	2163.17	2.66e-015	5054.02	-2.27e-013	-161716.27
526	184	0.00	2466.26	1.33e-015	-1573.11	-5.68e-013	245620.16
	185	0.00	2383.22	-1.33e-015	1573.11	-4.55e-013	-220298.74
527	183	5.68e-014	2123.28	2.22e-015	1984.45	4.55e-013	160267.94
	184	-5.68e-014	2262.12	-2.22e-015	-1984.45	-5.68e-013	-199461.64
528	196	-4.97e-014	2516.43	4.44e-016	3254.46	-4.55e-013	327833.39
	201	4.97e-014	2278.60	-4.44e-016	-3254.46	-4.55e-013	-235081.24
529	192	-5.68e-014	4313.86	-3.55e-015	-7434.70	9.09e-013	559136.39
	196	5.68e-014	3288.93	3.55e-015	7434.70	6.82e-013	-279842.33
530	189	-1.42e-013	9224.38	8.88e-016	-1728.26	5.68e-013	936303.96
	192	1.42e-013	8191.10	-8.88e-016	1728.26	0.00	-621157.93
531	186	3.55e-014	7324.39	-1.78e-015	3416.09	-7.96e-013	582883.55
	189	-3.55e-014	8391.80	1.78e-015	-3416.09	-5.12e-013	-877680.41
532	180	1.35e-013	3721.99	7.77e-016	-4189.28	4.55e-013	382973.11
	186	-1.35e-013	4086.01	-7.77e-016	4189.28	4.55e-013	-499460.98
533	173	2.84e-014	3176.90	4.44e-016	-319.25	9.09e-013	238144.07
	180	-2.84e-014	3655.10	-4.44e-016	319.25	-2.27e-013	-372042.61
534	172	1.85e-013	311.85	-2.84e-014	-17770.76	3.64e-012	21702.04
	173	-1.85e-013	1308.15	2.84e-014	17770.76	0.00	-156202.36
535	171	1.99e-013	1153.40	3.55e-015	2642.02	0.00	35283.18
	172	-1.99e-013	1126.60	-3.55e-015	-2642.02	9.09e-013	-30189.96
536	174	-2.27e-013	2911.91	3.55e-015	-3115.09	0.00	95771.97
	175	2.27e-013	3168.69	-3.55e-015	3115.09	-1.82e-012	-149334.25
537	198	1.14e-013	4094.53	8.88e-016	322.31	0.00	555462.62
	199	-1.14e-013	3529.57	-8.88e-016	-322.31	-4.55e-013	-349184.75
538	194	-2.27e-013	2519.12	8.88e-016	1245.41	-1.36e-012	208570.90
	198	2.27e-013	2973.41	-8.88e-016	-1245.41	-1.59e-012	-341642.18
539	191	-1.14e-013	3182.49	1.33e-015	1511.63	1.14e-013	322340.01
	194	1.14e-013	2918.48	-1.33e-015	-1511.63	-2.27e-013	-254120.74
540	188	-1.14e-013	2839.69	-1.11e-015	-2291.46	6.82e-013	293688.96
	191	1.14e-013	2661.19	1.11e-015	2291.46	8.53e-013	-254605.27

541	182	2.27e-013	3213.64	1.33e-015	2021.69	-1.99e-013	324404.29
	188	-2.27e-013	3187.37	-1.33e-015	-2021.69	-3.98e-013	-329542.74
542	179	1.14e-013	2679.11	-3.11e-015	-1341.52	-9.09e-013	207761.72
	182	-1.14e-013	2921.78	3.11e-015	1341.52	0.00	-286081.90
543	178	2.27e-013	1355.88	7.11e-015	2542.20	-2.73e-012	110909.42
	179	-2.27e-013	1344.55	-7.11e-015	-2542.20	3.64e-012	-111791.21
544	177	0.00	1760.69	7.11e-015	4005.10	9.09e-013	65215.29
	178	0.00	2039.91	-7.11e-015	-4005.10	0.00	-123042.93
545	66	0.00	-247.17	0.00	857.94	-4.55e-013	-35108.86
	67	0.00	247.17	0.00	-857.94	-4.55e-013	-31628.39
546	65	3.41e-013	74.09	0.00	-125.04	-4.55e-013	11412.14
	66	-3.41e-013	-74.09	0.00	125.04	-4.55e-013	16741.28
547	63	0.00	3893.29	0.00	1288.33	1.82e-012	262700.27
	60	0.00	3373.71	0.00	-1288.33	1.36e-012	-150990.37
548	66	0.00	3323.37	3.55e-015	-1776.02	4.55e-013	237603.70
	63	0.00	3267.63	-3.55e-015	1776.02	0.00	-226735.15
549	69	0.00	3590.93	3.55e-015	1339.49	-4.55e-013	231387.00
	66	0.00	3676.07	-3.55e-015	-1339.49	2.27e-013	-249691.09
550	72	4.55e-013	2198.99	-5.33e-015	-3910.32	4.55e-013	75645.62
	69	-4.55e-013	2871.01	5.33e-015	3910.32	1.02e-012	-176447.60
551	60	9.09e-013	-148.56	-7.11e-015	11980.69	0.00	-21943.73
	61	-9.09e-013	148.56	7.11e-015	-11980.69	0.00	-18168.06
552	59	4.55e-013	47.27	-3.55e-015	-4006.62	9.09e-013	6524.51
	60	-4.55e-013	-47.27	3.55e-015	4006.62	9.09e-013	11436.59
553	62	-4.55e-013	2285.85	-3.55e-015	-335.25	9.09e-013	162979.12
	59	4.55e-013	1962.55	3.55e-015	335.25	1.36e-012	-93470.77
554	65	-4.55e-013	1936.23	-1.78e-015	813.48	0.00	135357.47
	62	4.55e-013	1916.97	1.78e-015	-813.48	4.55e-013	-131601.87
555	68	0.00	2129.57	8.88e-016	-284.07	2.27e-013	144102.71
	65	0.00	2118.83	-8.88e-016	284.07	2.27e-013	-141792.01
556	71	0.00	1329.37	-1.78e-015	6632.71	-2.27e-013	53469.81
	68	0.00	1634.63	1.78e-015	-6632.71	-9.09e-013	-99259.72
557	74	4.55e-013	-93.77	7.11e-015	9850.77	-2.70e-013	-5809.94
	71	-4.55e-013	93.77	-7.11e-015	-9850.77	1.36e-012	-22322.09
558	77	-2.27e-013	37.95	-8.88e-016	-3687.23	0.00	8191.04
	74	2.27e-013	-37.95	8.88e-016	3687.23	1.14e-013	11165.37
559	64	0.00	1629.53	1.78e-015	1700.83	9.09e-013	117666.03
	61	0.00	1389.07	-1.78e-015	-1700.83	9.09e-013	-65968.80
560	67	0.00	1382.16	3.55e-015	-2333.72	-4.55e-013	96619.20
	64	0.00	1355.64	-3.55e-015	2333.72	0.00	-91446.03
561	70	0.00	1535.92	1.78e-015	2479.20	-4.55e-013	109184.37
	67	0.00	1482.68	-1.78e-015	-2479.20	2.27e-013	-97736.58
562	73	-4.55e-013	869.52	-6.22e-015	4598.13	-6.82e-013	29099.63
	70	4.55e-013	1236.48	6.22e-015	-4598.13	3.41e-013	-84144.10
563	76	0.00	-248.10	1.11e-014	12516.53	-1.46e-012	-35019.74
	73	0.00	248.10	-1.11e-014	-12516.53	-1.71e-012	-39410.57
564	79	1.14e-013	95.45	1.11e-016	-980.94	-5.68e-014	20880.95
	76	-1.14e-013	-95.45	-1.11e-016	980.94	0.00	27796.85
565	86	0.00	-85.87	-3.11e-015	-8607.46	-4.55e-013	-17636.14
	83	0.00	85.87	3.11e-015	8607.46	0.00	-16710.09
566	87	-7.11e-015	-28.46	2.55e-015	-2880.46	2.34e-013	-4763.12

	86	7.11e-015	28.46	-2.55e-015	2880.46	-2.84e-014	-3773.54
567	88	0.00	76.01	-1.11e-016	885.83	2.84e-014	20051.19
	87	0.00	-76.01	1.11e-016	-885.83	-5.68e-014	18716.06
568	96	-4.55e-013	-153.44	-3.55e-015	17257.26	-4.55e-013	-26549.48
	95	4.55e-013	153.44	3.55e-015	-17257.26	-6.82e-013	-34444.41
569	97	0.00	-539.38	1.78e-015	19440.62	1.07e-013	-94306.84
	96	0.00	539.38	-1.78e-015	-19440.62	0.00	-67507.40
570	98	0.00	386.91	-1.11e-016	-3095.86	-2.84e-014	102278.95
	97	0.00	-386.91	1.11e-016	3095.86	-1.14e-013	87318.98
571	100	0.00	-408.39	-5.33e-015	-49847.12	7.96e-013	-69230.82
	101	0.00	408.39	5.33e-015	49847.12	1.14e-013	-52270.98
572	99	0.00	162.63	-1.78e-015	18961.66	-2.27e-013	42881.80
	100	0.00	-162.63	1.78e-015	-18961.66	4.55e-013	33150.06
573	85	0.00	3071.66	0.00	-3407.08	-4.55e-013	277755.72
	95	0.00	2604.55	0.00	3407.08	-4.55e-013	-151501.61
574	84	-2.27e-013	3289.60	-8.88e-016	519.00	0.00	351747.11
	85	2.27e-013	3034.57	8.88e-016	-519.00	-2.27e-013	-275968.67
575	83	1.14e-013	2571.43	-4.44e-016	1270.78	5.68e-013	137461.02
	84	-1.14e-013	3130.87	4.44e-016	-1270.78	4.55e-013	-292945.85
576	96	-2.13e-013	3507.01	8.88e-016	924.08	0.00	497183.19
	101	2.13e-013	2726.52	-8.88e-016	-924.08	0.00	-187491.98
577	92	-3.69e-013	4777.79	0.00	-7455.49	0.00	414864.05
	96	3.69e-013	5123.49	0.00	7455.49	0.00	-510668.32
578	89	4.26e-014	5816.21	0.00	-441.39	0.00	627949.30
	92	-4.26e-014	5265.96	0.00	441.39	0.00	-462130.39
579	86	4.12e-013	4810.15	4.44e-016	2642.15	0.00	392509.25
	89	-4.12e-013	5181.98	-4.44e-016	-2642.15	-5.68e-014	-496393.52
580	80	1.99e-013	2360.92	0.00	-1430.69	5.68e-014	241683.90
	86	-1.99e-013	2631.08	0.00	1430.69	1.14e-013	-328132.04
581	73	7.11e-014	2032.23	1.78e-015	-623.52	0.00	151342.02
	80	-7.11e-014	2335.77	-1.78e-015	623.52	-2.27e-013	-236333.16
582	72	-6.25e-013	772.63	0.00	-14977.21	0.00	47601.86
	73	6.25e-013	1333.37	0.00	14977.21	1.82e-012	-123301.79
583	71	6.25e-013	1414.03	0.00	4833.86	0.00	45952.18
	72	-6.25e-013	1549.97	0.00	-4833.86	0.00	-71779.79
584	97	2.84e-014	8622.60	0.00	-2755.14	0.00	1063678.95
	100	-2.84e-014	7551.63	0.00	2755.14	4.55e-013	-670044.08
585	93	-2.27e-013	5050.62	0.00	2386.17	0.00	455616.13
	97	2.27e-013	6286.51	0.00	-2386.17	0.00	-805163.28
586	90	1.71e-013	6712.47	0.00	745.84	0.00	707208.98
	93	-1.71e-013	5976.79	0.00	-745.84	-2.27e-013	-498820.52
587	87	2.84e-013	5814.31	8.88e-016	-2115.59	1.14e-013	591500.77
	90	-2.84e-013	5626.83	-8.88e-016	2115.59	1.14e-013	-552949.65
588	81	5.68e-014	6718.43	0.00	2373.37	-5.68e-014	682406.92
	87	-5.68e-014	6594.89	0.00	-2373.37	-1.14e-013	-660480.64
589	76	1.71e-013	5437.40	-8.88e-016	1099.86	0.00	407096.86
	81	-1.71e-013	6211.76	8.88e-016	-1099.86	-2.27e-013	-637399.72
590	75	-3.41e-013	2407.64	0.00	-21.53	-1.82e-012	182043.80
	76	3.41e-013	3208.92	0.00	21.53	-3.64e-012	-293349.61
591	74	-5.12e-013	3708.41	0.00	-330.21	-9.09e-013	122568.16
	75	5.12e-013	4196.37	0.00	330.21	-9.09e-013	-221488.58

592	98	2.27e-013	5494.02	0.00	-369.07	0.00	726242.66
	99	-2.27e-013	4417.31	0.00	369.07	0.00	-321544.49
593	94	-4.55e-013	3157.19	0.00	-2477.81	-9.09e-013	276605.48
	98	4.55e-013	3983.10	0.00	2477.81	-9.09e-013	-514351.54
594	91	3.41e-013	4180.42	0.00	-1338.14	0.00	426784.80
	94	-3.41e-013	3750.84	0.00	1338.14	0.00	-311757.43
595	88	2.27e-013	3694.90	-8.88e-016	-1126.25	2.27e-013	383554.48
	91	-2.27e-013	3456.24	8.88e-016	1126.25	2.27e-013	-330926.65
596	82	1.14e-013	4197.17	2.22e-016	2050.44	-1.14e-013	426172.37
	88	-1.14e-013	4124.15	-2.22e-016	-2050.44	-1.14e-013	-420413.86
597	79	0.00	3391.45	0.00	-1657.36	-4.55e-013	247892.87
	82	0.00	3889.71	0.00	1657.36	0.00	-400887.81
598	78	9.09e-013	1559.65	0.00	3590.59	0.00	124223.15
	79	-9.09e-013	1950.91	0.00	-3590.59	0.00	-180177.21
599	77	-4.55e-013	2249.80	0.00	-1313.67	9.09e-013	60177.42
	78	4.55e-013	2690.98	0.00	1313.67	9.09e-013	-150209.67
648	122	0.00	38.32	2.31e-014	-1903.28	4.77e-012	2552.34
	47	0.00	-38.32	-2.31e-014	1903.28	0.00	2309.41
649	121	0.00	5.10	-8.17e-014	-411.32	2.96e-012	425.50
	122	0.00	-5.10	8.17e-014	411.32	-1.36e-012	221.85
650	120	0.00	0.73	-9.24e-014	249.91	4.55e-012	55.15
	121	0.00	-0.73	9.24e-014	-249.91	0.00	36.91
651	48	2.27e-013	-19.66	3.55e-014	1698.76	3.18e-012	-541.63
	120	-2.27e-013	19.66	-3.55e-014	-1698.76	-1.82e-012	-1952.95
652	119	0.00	120.08	-1.99e-013	-1794.78	-2.73e-012	4025.68
	46	0.00	-120.08	1.99e-013	1794.78	7.28e-012	4980.36
653	118	4.55e-013	0.14	-4.26e-014	-185.77	-4.09e-012	364.13
	119	-4.55e-013	-0.14	4.26e-014	185.77	4.09e-012	-353.40
654	117	-4.55e-013	-5.13	-3.34e-013	412.57	-1.59e-012	297.79
	118	4.55e-013	5.13	3.34e-013	-412.57	7.16e-012	-682.59
655	47	0.00	-143.22	-2.11e-014	2091.26	-5.74e-012	-6127.26
	117	0.00	143.22	2.11e-014	-2091.26	4.15e-012	-4614.16
656	116	4.55e-013	34.73	1.14e-013	-1455.65	-1.27e-011	2349.89
	41	-4.55e-013	-34.73	-1.14e-013	1455.65	-1.82e-012	1101.46
657	115	0.00	-2.40	5.68e-014	-148.71	-5.46e-012	-39.89
	116	0.00	2.40	-5.68e-014	148.71	-1.00e-011	-198.35
658	114	0.00	-6.22	1.28e-013	489.10	-9.09e-012	-66.28
	115	0.00	6.22	-1.28e-013	-489.10	-1.27e-011	-551.34
659	46	-4.55e-013	-63.94	-4.26e-014	1923.99	-5.91e-012	-3253.18
	114	4.55e-013	63.94	4.26e-014	-1923.99	-8.64e-012	-3100.47
660	113	12432.47	385.40	-821.02	-10192.25	14482.94	-41700.05
	48	-12432.47	-385.40	821.02	10192.25	63514.31	78312.77
661	112	9195.90	134.08	-201.23	2317.38	3436.43	-20481.92
	113	-9195.90	-134.08	201.23	-2317.38	15680.47	33219.75
662	111	8969.03	91.00	128.92	4604.04	-20288.24	-7769.78
	112	-8969.03	-91.00	-128.92	-4604.04	8041.21	16414.59
663	5	10663.18	108.62	75.95	2211.57	9351.13	6238.36
	111	-10663.18	-108.62	-75.95	-2211.57	-16566.61	4080.48
664	110	14071.91	981.55	411.50	2013.63	-11473.19	-61881.06
	47	-14071.91	-981.55	-411.50	-2013.63	-27618.91	155128.64
665	109	8412.03	192.23	84.10	758.80	-2287.02	-34398.84

	110	-8412.03	-192.23	-84.10	-758.80	-5702.51	52661.09
666	108	8613.37	111.74	-5.88	-2199.85	3782.87	-13519.06
	109	-8613.37	-111.74	5.88	2199.85	-3224.37	24134.08
667	4	13603.37	234.78	-194.15	-2187.07	5403.85	17574.12
	108	-13603.37	-234.78	194.15	2187.07	-13040.52	4729.55
668	107	12624.59	942.69	-187.50	-3634.67	5821.85	-52337.02
	46	-12624.59	-942.69	187.50	3634.67	-11990.59	141893.01
669	106	7527.21	177.17	-38.75	-857.43	846.37	-32800.38
	107	-7527.21	-177.17	38.75	857.43	-2835.15	49631.29
670	105	7926.05	124.31	-11.90	1218.37	-863.34	-12903.21
	106	-7926.05	-124.31	11.90	-1218.37	1994.09	24712.71
671	3	12928.40	252.04	131.85	1659.23	-5358.85	17578.92
	105	-12928.40	-252.04	-131.85	-1659.23	-7167.13	6365.18
672	104	10402.02	376.82	675.86	7191.56	-12038.33	-31611.24
	41	-10402.02	-376.82	-675.86	-7191.56	-52168.52	67408.71
673	103	7422.08	113.91	143.67	-3339.41	-2262.34	-18188.83
	104	-7422.08	-113.91	-143.67	3339.41	-11386.60	29010.26
674	102	7312.54	88.05	-118.13	-3820.46	15452.51	-6725.47
	103	-7312.54	-88.05	118.13	3820.46	-4230.56	15090.59
675	1	9171.25	124.53	-35.72	-1090.96	-8161.10	7854.32
	102	-9171.25	-124.53	35.72	1090.96	11554.18	3976.37
676	54	8.53e-014	2.78	2.22e-016	-306.97	-1.14e-013	8643.89
	57	-8.53e-014	-2.78	-2.22e-016	306.97	-1.71e-013	-6416.91
677	50	-9.09e-013	6344.62	-3.33e-016	-12113.24	-1.99e-013	625787.89
	54	9.09e-013	4974.80	3.33e-016	12113.24	5.68e-014	-263670.69
678	47	1.23e-012	6168.89	0.00	-2057.16	-2.27e-013	532193.91
	50	-1.23e-012	6500.55	0.00	2057.16	0.00	-647330.76
679	53	4.55e-013	32.72	0.00	-454.54	-5.68e-014	38429.51
	58	-4.55e-013	-32.72	0.00	454.54	-8.53e-014	-12173.03
680	49	7.39e-013	5366.75	6.11e-016	-9287.11	5.68e-014	516345.25
	53	-7.39e-013	4516.86	-6.11e-016	9287.11	-1.14e-013	-284749.64
681	46	7.96e-013	5393.41	0.00	305.05	0.00	464163.69
	49	-7.96e-013	5668.98	0.00	-305.05	0.00	-548214.59
682	42	2.27e-013	3123.96	2.22e-016	-2398.13	-1.42e-013	305498.35
	52	-2.27e-013	2534.48	-2.22e-016	2398.13	2.84e-013	-144129.05
683	41	4.55e-013	2939.42	0.00	-4324.56	0.00	207515.87
	42	-4.55e-013	3364.97	0.00	4324.56	0.00	-337310.13
684	53	1.71e-013	-30.46	5.33e-015	-6124.31	1.36e-012	11453.24
	52	-1.71e-013	30.46	-5.33e-015	6124.31	-1.14e-012	-23563.04
685	54	0.00	3881.64	-2.58e-014	-8319.06	-3.87e-012	230731.97
	53	0.00	3330.46	2.58e-014	8319.06	-5.40e-012	-147600.35
686	55	1.71e-013	5753.60	-6.66e-015	8404.63	-4.55e-013	486876.41
	54	-1.71e-013	5457.43	6.66e-015	-8404.63	-1.25e-012	-380186.00
687	57	0.00	4170.27	1.07e-014	11727.05	3.41e-012	273935.10
	58	0.00	2980.88	-1.07e-014	-11727.05	3.18e-012	-96453.37
688	56	0.00	5183.02	-2.66e-015	-5217.60	1.36e-012	246268.70
	57	0.00	6021.57	2.66e-015	5217.60	-6.82e-013	-441290.69
689	55	3.98e-013	14.43	1.11e-016	6187.29	1.14e-013	30663.36
	56	-3.98e-013	-14.43	-1.11e-016	-6187.29	8.53e-014	-19153.03
690	51	5.68e-013	3991.78	1.61e-015	11083.22	-6.11e-013	399708.54
	55	-5.68e-013	3132.01	-1.61e-015	-11083.22	-7.39e-013	-172331.97

691	48	3.41e-013	3694.78	0.00	9516.06	0.00	262371.13
	51	-3.41e-013	4216.65	0.00	-9516.06	0.00	-435522.40
692	34	7554.76	74.49	28.28	-146.98	-5229.35	5230.18
	77	-7554.76	-74.49	-28.28	146.98	-4670.29	20841.50
693	31	9079.78	152.09	9.88	-146.98	-3117.85	14638.77
	74	-9079.78	-152.09	-9.88	146.98	-339.77	38591.42
694	28	7551.37	48.30	69.98	-146.98	-10013.17	3030.93
	71	-7551.37	-48.30	-69.98	146.98	-14481.57	13874.96
695	25	9661.10	-19.96	86.47	-146.98	-11904.67	-4502.10
	68	-9661.10	19.96	-86.47	146.98	-18360.88	-2484.35
696	22	11056.02	-8.38	-10.44	-146.98	-787.28	-2745.90
	65	-11056.02	8.38	10.44	146.98	4440.05	-186.33
697	19	10839.43	-13.62	67.65	-146.98	-9745.34	-2959.75
	62	-10839.43	13.62	-67.65	146.98	-13932.26	-1807.46
698	16	5394.47	-1.23	-182.89	-146.98	18996.16	-1110.67
	59	-5394.47	1.23	182.89	146.98	45014.42	681.06
699	35	10229.45	-97.79	11.41	-146.98	-2915.64	-14533.94
	78	-10229.45	97.79	-11.41	146.98	-1077.26	-19693.25
700	32	15374.53	-111.02	0.95	-146.98	-1715.48	-15544.40
	75	-15374.53	111.02	-0.95	146.98	1384.17	-23312.01
701	29	11551.63	-69.30	102.77	-146.98	-13396.16	-10460.35
	72	-11551.63	69.30	-102.77	146.98	-22572.04	-13794.65
702	26	16382.68	-32.68	99.80	-146.98	-13056.20	-5960.64
	69	-16382.68	32.68	-99.80	146.98	-21874.80	-5475.71
703	23	17064.30	-41.14	-20.14	-146.98	703.31	-6504.35
	66	-17064.30	41.14	20.14	146.98	6344.94	-7894.63
704	20	18414.04	-16.01	78.24	-146.98	-10582.52	-3233.36
	63	-18414.04	16.01	-78.24	146.98	-16801.47	-2368.61
705	17	8478.37	-23.88	-245.17	-146.98	26518.74	-3708.91
	60	-8478.37	23.88	245.17	146.98	59290.48	-4647.74
706	36	14065.15	77.03	27.56	-146.98	-4500.75	5521.19
	79	-14065.15	-77.03	-27.56	146.98	-5146.88	21438.33
707	33	20548.20	154.80	-3.63	-146.98	-922.30	14950.62
	76	-20548.20	-154.80	3.63	146.98	2192.25	39231.00
708	30	11568.85	21.60	12.35	-146.98	-2755.87	-32.71
	73	-11568.85	-21.60	-12.35	146.98	-1568.27	7591.67
709	27	7342.81	-24.21	41.27	-146.98	-6073.10	-4989.47
	70	-7342.81	24.21	-41.27	146.98	-8371.66	-3483.92
710	24	8278.03	-56.34	-7.84	-146.98	-439.55	-8248.44
	67	-8278.03	56.34	7.84	146.98	3182.33	-11471.64
711	21	7947.68	-16.43	40.00	-146.98	-5926.99	-3281.67
	64	-7947.68	16.43	-40.00	146.98	-8071.99	-2467.68
712	18	3865.00	-36.25	-130.61	-146.98	13644.40	-5127.93
	61	-3865.00	36.25	130.61	146.98	32067.48	-7558.04
713	39	20920.31	0.77	-1.40	-146.98	-621.73	-3226.66
	82	-20920.31	-0.77	1.40	146.98	1110.70	3497.15
714	38	32815.30	48.92	0.23	-146.98	-808.57	2804.07
	81	-32815.30	-48.92	-0.23	146.98	727.51	14319.33
715	37	12073.79	-27.94	-4.30	-146.98	-288.68	-5715.59
	80	-12073.79	27.94	4.30	146.98	1793.78	-4063.49
716	45	20576.60	-115.32	15.95	-146.98	-1975.33	-16544.64

	88	-20576.60	115.32	-15.95	146.98	-3605.98	-23817.05
717	44	31432.46	-169.55	21.97	-146.98	-2666.15	-22259.60
	87	-31432.46	169.55	-21.97	146.98	-5022.81	-37084.40
718	43	19166.37	77.72	-34.32	-146.98	3790.72	6405.81
	86	-19166.37	-77.72	34.32	146.98	8219.76	20796.61
719	40	6891.29	210.99	-38.81	-146.98	4306.34	22092.08
	83	-6891.29	-210.99	38.81	146.98	9277.25	51755.13
720	48	19821.21	437.22	-97.16	32.52	22459.19	88087.97
	91	-19821.21	-437.22	97.16	-32.52	11545.56	64939.97
721	47	32647.63	778.44	5.75	52.08	-3192.30	154916.14
	90	-32647.63	-778.44	-5.75	-52.08	1180.79	117539.19
722	46	28614.36	649.75	-36.51	52.08	6644.68	135516.01
	89	-28614.36	-649.75	36.51	-52.08	6134.15	91895.69
723	41	16492.62	326.93	35.18	32.52	-11854.59	69818.12
	84	-16492.62	-326.93	-35.18	-32.52	-457.13	44606.50
724	51	18119.35	-32.76	11.11	32.52	-4971.55	-441.00
	94	-18119.35	32.76	-11.11	-32.52	1083.13	-11025.58
725	50	29029.47	-46.55	-17.72	52.08	4424.66	4164.20
	93	-29029.47	46.55	17.72	-52.08	1778.78	-20456.17
726	49	25867.93	11.85	-35.79	52.08	5583.08	4170.61
	92	-25867.93	-11.85	35.79	-52.08	6941.69	-22.49
727	42	15197.01	26.54	-11.94	32.52	177.52	4100.30
	85	-15197.01	-26.54	11.94	-32.52	4003.07	5190.14
728	55	25515.69	186.50	859.41	104.05	-242965.73	-21098.84
	98	-25515.69	-186.50	-859.41	-104.05	-57828.87	86373.38
729	54	35256.89	306.60	-193.54	52.08	51411.45	-20066.04
	97	-35256.89	-306.60	193.54	-52.08	16326.52	127376.74
730	53	22473.35	-257.98	-340.68	52.08	60988.25	-71633.37
	96	-22473.35	257.98	340.68	-52.08	58249.04	-18660.78
731	52	7158.20	-349.68	-77.51	32.52	10943.63	-58530.25
	95	-7158.20	349.68	77.51	-32.52	16184.85	-63858.94
732	56	12157.12	-502.27	371.24	32.52	-95656.01	-34957.72
	99	-12157.12	502.27	-371.24	-32.52	-34276.31	-140835.64
733	57	18737.64	-1209.07	-291.52	52.08	65749.44	-88593.36
	100	-18737.64	1209.07	291.52	-52.08	36282.71	-334579.81
734	58	7827.25	-311.21	-215.56	32.52	40917.12	-16199.71
	101	-7827.25	311.21	215.56	-32.52	34529.03	-92725.08
735	15	10775.42	20.74	-227.71	-264.82	31390.27	-7064.95
	58	-10775.42	-20.74	227.71	264.82	55138.92	14944.29
736	14	28926.70	212.57	-413.44	-403.62	55873.80	10882.40
	57	-28926.70	-212.57	413.44	403.62	101231.89	69893.99
737	13	17325.71	35.14	551.04	-264.82	-65483.48	-6534.98
	56	-17325.71	-35.14	-551.04	264.82	-143912.09	19887.40
738	9	9723.15	-394.58	-46.66	-264.82	7549.32	-58068.92
	52	-9723.15	394.58	46.66	264.82	10182.29	-91871.19
739	10	30322.92	-747.67	-269.93	-403.62	36087.03	-107302.29
	53	-30322.92	747.67	269.93	403.62	66484.75	-176811.20
740	11	49573.55	-897.20	-346.63	-403.62	45587.59	-126578.38
	54	-49573.55	897.20	346.63	403.62	86130.77	-214358.26
741	12	34415.71	-577.56	865.83	-529.04	-94726.05	-85785.74
	55	-34415.71	577.56	-865.83	529.04	-234291.05	-133688.89

742	2	21685.94	-175.65	4.94	-264.82	227.44	-30834.85
	42	-21685.94	175.65	-4.94	264.82	-2103.94	-35912.09
743	6	36903.66	-178.71	-18.98	-264.82	3202.51	-31871.73
	49	-36903.66	178.71	18.98	264.82	4009.07	-36039.95
744	7	41874.64	-140.23	-25.33	-264.82	3992.07	-27578.53
	50	-41874.64	140.23	25.33	264.82	5631.43	-25707.07
745	8	26327.79	-183.49	33.10	-264.82	-3275.49	-33796.95
	51	-26327.79	183.49	-33.10	264.82	-9301.57	-35927.51

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-1.18	-0.46	4.26	-7.28	-27.13	-28.84
	472	-0.61	8.33	6.79	1.60	-16.43	-30.29
	473	-2.26	8.23	2.53	-24.47	-85.40	-47.87
	382	-2.83	-0.57	-1.82e-003	8.20	-48.60	-46.41
105	378	0.10	-0.77	2.91	-3.21	-9.54	-15.66
	467	0.12	-0.35	0.28	0.26	-7.75	-16.15
	472	-1.18	-0.43	2.61	1.67	-31.07	-23.98
	381	-1.21	-0.85	5.23	-8.35	-19.22	-23.49
106	377	-0.13	-3.10	2.78	-1.48	-3.28	-11.61
	466	-0.26	-5.17	0.82	-2.62e-002	-2.90	-11.89
	467	-0.19	-5.16	0.40	0.60	-11.00	-14.77
	378	-5.49e-002	-3.09	2.37	-3.76	-6.96	-14.50
107	374	-0.17	-5.16	1.78	-0.65	-1.12	-10.06
	465	-0.38	-8.40	0.43	-4.48e-002	-1.01	-10.20
	466	-0.47	-8.40	0.87	0.17	-3.99	-11.33
	377	-0.26	-5.16	2.22	-1.62	-2.46	-11.18
108	373	-0.16	-6.78	1.34	-0.27	-0.38	-9.45
	464	-0.42	-10.80	0.37	-2.55e-002	-0.34	-9.53
	465	-0.53	-10.81	0.47	5.61e-002	-1.45	-9.97
	374	-0.27	-6.79	1.44	-0.69	-0.85	-9.90
109	370	-0.16	-7.86	0.74	-0.11	-0.13	-9.23
	459	-0.46	-12.42	0.15	-1.15e-002	-0.12	-9.26
	464	-0.52	-12.42	0.39	2.18e-002	-0.52	-9.43
	373	-0.23	-7.86	0.97	-0.28	-0.29	-9.40
110	369	-0.17	-8.41	0.20	-4.74e-002	-5.19e-002	-9.14
	458	-0.49	-13.24	-2.11e-003	-4.46e-003	-4.97e-002	-9.15
	459	-0.51	-13.25	0.18	8.52e-003	-0.19	-9.22
	370	-0.20	-8.41	0.39	-0.11	-0.10	-9.21
111	366	-0.20	-8.43	-0.36	-2.87e-002	-3.84e-002	-9.10
	457	-0.51	-13.28	-0.18	-1.14e-003	-4.81e-002	-9.10
	458	-0.49	-13.28	2.39e-002	3.01e-003	-7.46e-002	-9.14
	369	-0.18	-8.43	-0.15	-4.70e-002	-4.25e-002	-9.13
112	365	-0.23	-7.92	-0.90	-3.10e-002	-7.32e-002	-9.06
	456	-0.53	-12.52	-0.34	5.34e-004	-0.10	-9.06
	457	-0.46	-12.51	-0.16	9.33e-004	-5.19e-002	-9.09
	366	-0.16	-7.92	-0.71	-2.72e-002	-4.07e-002	-9.09
113	303	-0.26	-6.89	-1.48	-3.57e-002	-0.19	-9.00
	453	-0.53	-10.96	-0.54	2.23e-003	-0.25	-9.00
	456	-0.42	-10.95	-0.31	2.25e-003	-9.40e-002	-9.05
	365	-0.16	-6.88	-1.25	-2.56e-002	-8.94e-002	-9.05
114	300	-0.32	-5.33	-1.97	1.13e-002	-0.52	-8.88
	452	-0.53	-8.61	-0.64	1.75e-002	-0.63	-8.90
	453	-0.37	-8.60	-0.52	1.63e-002	-0.25	-8.99
	303	-0.16	-5.32	-1.84	-1.78e-002	-0.25	-8.96
115	299	-0.31	-3.21	-2.70	0.24	-1.27	-8.63
	451	-0.46	-5.47	-9.99e-001	0.16	-1.63	-8.74
	452	-0.32	-5.47	-0.60	9.30e-002	-0.63	-8.91

	300	-0.18	-3.20	-2.30	6.10e-002	-0.75	-8.80
116	296	-0.16	-0.69	-2.98	0.26	-2.37	-7.79
	450	-0.22	-1.48	-0.68	0.89	-4.65	-8.00
	451	-0.20	-1.48	-0.94	0.42	-1.23	-8.85
	299	-0.15	-0.69	-3.24	0.27	-2.39	-8.64
117	295	-1.28	2.13	-5.33	-7.71	-3.76	-4.21
	449	-1.17	3.93	-2.48	-2.11	-17.14	-1.60
	450	0.14	4.01	-0.63	0.58	-0.18	-6.88
	296	2.50e-002	2.22	-3.49	-1.02	-6.65	-9.49
118	245	-2.22	4.06	-0.90	49.54	-28.50	-12.87
	255	-1.71	11.85	-1.59	-209.96	-39.81	23.64
	449	-0.65	11.92	-5.15	-15.47	21.51	32.64
	295	-1.15	4.13	-4.46	-19.70	14.21	-3.87
119	290	0.66	0.47	4.97	-2.07	-16.04	-27.51
	381	0.61	-0.34	5.22	-6.75	-22.72	-27.64
	382	-3.47	-0.61	-0.23	-14.12	-40.62	-43.85
	293	-3.42	0.21	-0.47	3.25	-23.20	-43.72
120	289	0.11	-0.74	2.94	-1.64	-4.70	-14.78
	378	0.11	-0.77	3.50	-3.68	-8.77	-15.37
	381	0.58	-0.74	6.19	0.30	-15.09	-21.62
	290	0.59	-0.71	5.64	-8.35	-10.85	-21.03
121	286	4.92e-002	-1.45	3.58	-1.02	-1.46	-11.05
	377	-5.74e-002	-3.09	3.46	-1.75	-2.93	-11.50
	378	-4.41e-002	-3.09	2.96	-0.94	-5.58	-13.68
	289	6.25e-002	-1.45	3.08	-3.61	-4.13	-13.23
122	285	7.93e-002	-2.49	2.47	-0.51	-0.46	-9.75
	374	-9.36e-002	-5.15	2.24	-0.78	-0.98	-10.01
	377	-0.19	-5.16	2.90	-0.67	-1.97	-10.80
	286	-1.85e-002	-2.50	3.12	-1.60	-1.43	-10.54
123	265	9.47e-002	-3.27	1.83	-0.23	-0.14	-9.31
	373	-0.13	-6.78	1.66	-0.32	-0.33	-9.44
	374	-0.20	-6.78	1.91	-0.34	-0.67	-9.72
	285	2.82e-002	-3.28	2.08	-0.67	-0.47	-9.59
124	264	0.10	-3.81	1.01	-0.10	-4.43e-002	-9.17
	370	-0.16	-7.86	0.90	-0.13	-0.11	-9.22
	373	-0.20	-7.86	1.29	-0.15	-0.22	-9.32
	265	5.94e-002	-3.82	1.40	-0.27	-0.15	-9.27
125	263	9.50e-002	-4.09	0.25	-4.31e-002	-1.71e-002	-9.12
	369	-0.19	-8.41	0.21	-5.25e-002	-4.29e-002	-9.14
	370	-0.20	-8.41	0.55	-6.35e-002	-7.50e-002	-9.18
	264	8.11e-002	-4.09	0.59	-0.11	-5.03e-002	-9.15
126	262	8.24e-002	-4.10	-0.54	-2.79e-002	-1.75e-002	-9.09
	366	-0.20	-8.43	-0.51	-2.40e-002	-3.15e-002	-9.10
	369	-0.19	-8.43	-0.15	-3.05e-002	-3.23e-002	-9.12
	263	9.43e-002	-4.10	-0.18	-4.34e-002	-2.01e-002	-9.11
127	261	6.13e-002	-3.85	-1.31	-3.34e-002	-4.30e-002	-9.06
	365	-0.20	-7.92	-1.21	-1.31e-002	-6.14e-002	-9.06
	366	-0.17	-7.92	-0.86	-2.31e-002	-3.41e-002	-9.09
	262	0.10	-3.84	-0.96	-2.24e-002	-1.96e-002	-9.09
128	260	3.13e-002	-3.33	-2.11	-4.50e-002	-0.13	-8.99
	303	-0.20	-6.88	-1.94	7.05e-003	-0.17	-8.99
	365	-0.14	-6.88	-1.56	-2.70e-002	-8.00e-002	-9.05
	261	0.10	-3.33	-1.73	-1.35e-002	-4.77e-002	-9.04
129	259	-6.48e-003	-2.55	-2.81	4.33e-003	-0.38	-8.80
	300	-0.19	-5.32	-2.58	0.10	-0.46	-8.84
	303	-0.10	-5.31	-2.31	-1.81e-002	-0.23	-8.97
	260	8.25e-002	-2.54	-2.55	2.17e-002	-0.14	-8.93

130	258	-5.51e-002	-1.53	-3.81	0.49	-1.15	-8.37
	299	-0.16	-3.20	-3.53	0.44	-1.14	-8.58
	300	-4.86e-002	-3.20	-2.91	9.15e-002	-0.71	-8.80
	259	6.04e-002	-1.52	-3.20	0.23	-0.38	-8.59
131	257	1.78e-002	-0.25	-3.87	3.28	-3.62	-7.88
	296	-1.01e-002	-0.68	-3.67	1.12	-1.96	-8.74
	299	1.00e-004	-0.68	-4.07	0.54	-2.43	-8.50
	258	2.80e-002	-0.25	-4.27	1.22	-0.91	-7.65
132	256	0.13	0.73	-6.23	12.31	-9.44	-9.34
	295	0.22	2.23	-6.64	2.86	-0.45	-11.90
	296	0.18	2.23	-4.18	1.27	-8.10	-8.82
	257	8.12e-002	0.73	-3.77	5.53	-2.53	-6.26
133	235	-3.69	1.99	-1.52	143.73	39.44	-5.23
	245	-3.56	3.97	-1.09	-117.26	-25.50	-7.26
	295	0.35	4.22	-5.77	0.51	16.96	-6.42
	256	0.23	2.24	-6.20	17.54	-31.08	-4.39
134	471	2.03	0.13	10.33	1.41	-2.18	-26.37
	290	2.05	0.56	4.87	-4.59	-9.92	-27.87
	293	-4.63	0.13	-1.04	-10.67	-17.77	-42.67
	200	-4.66	-0.30	4.41	2.01	-3.60	-41.17
135	470	0.62	4.00e-002	3.88	0.54	-0.62	-14.84
	289	0.57	-0.71	3.51	-2.19	-3.61	-14.86
	290	1.98	-0.62	5.54	1.66	-7.17	-21.02
	471	2.03	0.13	5.91	-3.67	-1.72	-21.00
136	229	0.57	3.70e-002	4.13	0.10	-0.18	-10.91
	286	0.47	-1.43	3.93	-1.14	-1.09	-11.04
	289	0.52	-1.42	3.65	-0.19	-2.79	-13.19
	470	0.62	4.00e-002	3.84	-1.41	-0.68	-13.06
137	469	0.59	3.85e-002	2.94	-2.91e-003	-4.72e-002	-9.64
	285	0.43	-2.47	2.76	-0.52	-0.34	-9.74
	286	0.41	-2.47	3.47	-0.34	-0.94	-10.43
	229	0.57	3.70e-002	3.65	-0.56	-0.25	-10.33
138	468	0.60	3.92e-002	2.14	-1.42e-002	-1.11e-002	-9.25
	265	0.39	-3.25	2.03	-0.22	-0.11	-9.31
	285	0.38	-3.25	2.38	-0.22	-0.30	-9.52
	469	0.59	3.85e-002	2.49	-0.20	-8.68e-002	-9.46
139	228	0.62	4.02e-002	1.18	-9.77e-003	-2.39e-003	-9.14
	264	0.37	-3.80	1.11	-9.01e-002	-3.27e-002	-9.17
	265	0.35	-3.80	1.59	-0.11	-9.39e-002	-9.23
	468	0.60	3.92e-002	1.66	-6.93e-002	-2.95e-002	-9.20
140	463	0.62	4.05e-002	0.28	-6.45e-003	-1.01e-003	-9.11
	263	0.36	-4.07	0.25	-3.61e-002	-1.22e-002	-9.12
	264	0.35	-4.07	0.69	-5.22e-002	-2.98e-002	-9.14
	228	0.62	4.02e-002	0.71	-2.34e-002	-1.00e-002	-9.13
141	462	0.62	4.02e-002	-0.65	-7.62e-003	-2.30e-003	-9.09
	262	0.35	-4.08	-0.63	-1.45e-002	-1.18e-002	-9.09
	263	0.36	-4.08	-0.17	-2.54e-002	-1.22e-002	-9.11
	463	0.62	4.05e-002	-0.19	-7.62e-003	-3.79e-003	-9.10
142	227	0.61	3.95e-002	-1.56	-1.70e-002	-6.84e-003	-9.06
	261	0.36	-3.83	-1.50	1.01e-003	-2.95e-002	-9.06
	262	0.37	-3.83	-1.06	-1.75e-002	-1.38e-002	-9.08
	462	0.62	4.02e-002	-1.12	-9.16e-004	-2.95e-003	-9.08
143	461	0.58	3.79e-002	-2.50	-4.64e-002	-1.98e-002	-8.97
	260	0.37	-3.31	-2.40	4.66e-002	-8.96e-002	-8.97
	261	0.39	-3.31	-1.92	-1.78e-002	-3.57e-002	-9.05
	227	0.61	3.95e-002	-2.02	7.48e-003	-6.93e-003	-9.04
144	460	0.57	3.68e-002	-3.34	-0.13	-5.74e-002	-8.67

	259	0.40	-2.52	-3.20	0.24	-0.28	-8.70
	260	0.42	-2.52	-2.83	-4.49e-003	-0.10	-8.94
	461	0.58	3.79e-002	-2.98	3.36e-002	-2.20e-002	-8.91
145	226	0.53	3.43e-002	-4.47	-0.38	-0.17	-7.74
	258	0.43	-1.49	-4.26	0.99	-0.94	-7.87
	259	0.47	-1.49	-3.58	0.12	-0.27	-8.62
	460	0.57	3.68e-002	-3.79	0.12	-7.02e-002	-8.49
146	455	0.58	3.78e-002	-4.72	-0.66	-0.44	-4.67
	257	0.56	-0.21	-4.51	4.08	-3.23	-5.36
	258	0.51	-0.22	-4.72	0.88	-0.56	-7.80
	226	0.53	3.43e-002	-4.93	0.48	-0.27	-7.11
147	454	1.81	0.12	-6.70	2.56	8.82e-002	5.64
	256	1.86	0.84	-6.24	21.68	-7.52	0.58
	257	0.63	0.76	-4.41	5.41	-2.64	-6.64
	455	0.58	3.78e-002	-4.87	2.64	-1.58	-1.58
148	197	-7.37	-0.48	-5.82	240.33	38.15	32.70
	235	-7.22	1.76	-1.34	-25.85	41.27	-12.56
	256	1.95	2.35	-6.20	35.87	-28.59	-0.64
	454	1.81	0.12	-10.68	23.02	-25.67	44.62
149	244	-0.32	4.66	2.56	-19.45	9.99	7.23
	254	-0.24	5.94	-0.88	-14.84	19.03	-28.82
	255	-2.10	5.81	-0.94	-213.73	-51.91	-22.81
	245	-2.19	4.54	2.51	52.41	-34.09	13.24
150	243	-0.16	2.06	2.25	-1.25	-8.18	14.59
	253	-9.05e-002	3.15	0.65	0.93	-1.22	12.31
	254	-0.42	3.13	0.87	-1.54	-21.75	6.00
	244	-0.49	2.04	2.48	-7.58	-6.70	8.28
151	242	-0.24	0.42	1.43	9.05e-002	-2.85	14.53
	252	-0.25	0.23	0.31	0.47	-1.57	14.72
	253	-0.28	0.23	0.57	0.98	-6.28	13.46
	243	-0.27	0.42	1.69	-0.14	-3.39	13.27
152	241	-0.27	-0.61	0.78	1.16e-002	-0.87	14.92
	251	-0.33	-1.56	0.17	9.43e-002	-0.69	15.00
	252	-0.37	-1.56	0.39	0.18	-2.18	14.68
	242	-0.31	-0.61	9.95e-001	2.55e-002	-1.58	14.61
153	240	-0.28	-1.20	0.19	6.75e-002	-0.23	15.10
	250	-0.36	-2.42	-2.50e-002	3.87e-003	-0.12	15.09
	251	-0.39	-2.42	0.19	3.01e-002	-0.81	15.01
	241	-0.31	-1.20	0.41	-4.67e-002	-0.59	15.02
154	239	-0.31	-1.21	-0.35	0.32	8.11e-002	15.01
	249	-0.39	-2.43	-0.15	-3.37e-002	0.35	14.96
	250	-0.36	-2.43	4.03e-003	1.89e-002	-0.26	15.08
	240	-0.28	-1.20	-0.19	5.06e-002	-0.14	15.13
155	238	-0.29	-0.64	-1.05	0.98	0.55	14.47
	248	-0.35	-1.61	-0.45	-8.50e-002	1.31	14.34
	249	-0.34	-1.61	-0.11	4.09e-002	4.93e-002	14.86
	239	-0.27	-0.64	-0.71	0.32	0.18	14.99
156	237	-0.19	0.40	-1.45	2.65	1.93	12.85
	247	-0.21	0.10	-0.28	-0.10	3.92	12.51
	248	-0.24	0.10	-0.39	0.12	0.56	14.00
	238	-0.22	0.40	-1.56	0.99	0.74	14.34
157	236	-1.00	1.83	-3.33	5.47	6.47	8.78
	246	-0.92	3.15	-1.66	0.51	10.67	8.10
	247	-3.78e-003	3.20	-0.27	0.33	2.35	11.55
	237	-8.94e-002	1.89	-1.93	2.59	2.31	12.23
158	433	-1.53	2.77	-0.48	6.95	19.68	1.93
	443	-1.16	8.43	-1.23	5.05	24.76	0.82

	246	-0.57	8.47	-3.61	0.74	9.49	5.76
	236	-0.94	2.81	-2.85	5.84	8.26	6.88
159	234	-0.75	1.96	4.15	17.00	-33.58	7.59
	244	-0.57	4.65	3.72	0.18	13.16	9.72
	245	-3.53	4.45	2.32	-119.73	-30.24	8.40
	235	-3.70	1.76	2.75	145.69	36.63	6.28
160	233	3.61e-002	0.81	2.08	5.31	-3.25	11.54
	243	0.12	2.08	2.51	0.84	-9.32	14.03
	244	-0.74	2.03	3.63	2.86	-2.98	15.86
	234	-0.82	0.75	3.20	11.50	-10.70	13.36
161	232	-8.92e-003	0.29	1.91	1.10	-1.05	13.68
	242	7.32e-004	0.43	1.81	0.29	-2.83	14.43
	243	1.20e-002	0.44	1.94	1.19	-2.78	14.27
	233	2.30e-003	0.29	2.04	2.51	-4.19	13.51
162	231	-6.92e-003	-0.21	1.01	0.19	-0.41	14.79
	241	-3.19e-002	-0.59	0.93	3.86e-003	-0.82	14.94
	242	-6.62e-002	-0.60	1.37	0.39	-1.38	14.61
	232	-4.12e-002	-0.21	1.45	0.21	-1.35	14.46
163	230	-1.50e-002	-0.48	0.23	0.10	-0.13	15.16
	240	-6.03e-002	-1.18	0.19	9.27e-003	-0.23	15.15
	241	-7.01e-002	-1.18	0.56	0.11	-0.51	15.01
	231	-2.49e-002	-0.49	0.59	-6.60e-002	-0.43	15.02
164	477	-2.88e-002	-0.49	-0.54	0.30	1.97e-002	15.21
	239	-7.46e-002	-1.19	-0.50	0.16	2.36e-002	15.13
	240	-6.09e-002	-1.19	-0.18	0.14	-0.12	15.14
	230	-1.51e-002	-0.49	-0.22	3.29e-002	-0.13	15.22
165	476	-5.30e-002	-0.23	-1.49	0.94	0.21	15.01
	238	-7.86e-002	-0.63	-1.40	0.55	0.35	14.79
	239	-3.77e-002	-0.62	-0.86	0.42	0.15	15.01
	477	-1.21e-002	-0.23	-0.95	0.30	-2.01e-003	15.24
166	475	9.97e-003	0.31	-1.80	2.79	0.72	14.22
	237	1.68e-002	0.42	-1.78	1.55	1.37	13.59
	238	-1.09e-002	0.42	-1.92	1.21	0.58	14.41
	476	-1.77e-002	0.31	-1.94	0.96	0.18	15.04
167	474	0.27	0.60	-3.72	7.95	2.87	11.58
	236	0.35	1.92	-4.10	4.28	5.28	9.86
	237	0.11	1.90	-2.26	3.30	1.66	12.48
	475	2.79e-002	0.59	-1.87	2.86	0.69	14.20
168	423	-2.86	1.05	-0.84	15.28	16.96	3.99
	433	-2.75	2.69	-0.53	6.51	18.15	2.26
	236	0.42	2.90	-3.63	7.29	6.69	7.70
	474	0.31	1.25	-3.94	7.01	0.98	9.43
169	448	1.07	6.93e-002	6.57	23.29	-25.18	-40.46
	234	1.20	2.08	4.38	34.13	-30.33	4.08
	235	-7.24	1.53	2.92	-27.58	38.70	13.81
	197	-7.37	-0.48	5.10	241.27	37.02	-30.74
170	225	0.63	4.11e-002	2.83	2.56	-1.52	7.24
	233	0.68	0.85	2.29	4.95	-2.94	11.81
	234	1.12	0.88	3.44	20.80	-8.50	3.77
	448	1.07	6.93e-002	3.97	1.56	-0.34	-0.80
171	447	0.50	3.26e-002	2.22	0.47	-0.27	13.18
	232	0.52	0.32	2.12	0.72	-0.65	13.80
	233	0.65	0.33	2.26	4.02	-3.59	11.05
	225	0.63	4.11e-002	2.35	-1.00	-0.57	10.44
172	224	0.53	3.43e-002	1.18	0.12	-6.88e-002	14.72
	231	0.51	-0.18	1.10	7.10e-002	-0.28	14.82
	232	0.49	-0.18	1.66	0.95	-1.06	13.98

	447	0.50	3.26e-002	1.74	-0.48	-0.21	13.88
173	446	0.52	3.39e-002	0.26	4.29e-002	-1.55e-002	15.18
	230	0.49	-0.45	0.24	3.83e-002	-0.10	15.19
	231	0.50	-0.45	0.69	0.24	-0.32	14.93
	224	0.53	3.43e-002	0.71	-0.16	-7.12e-002	14.92
174	223	0.53	3.43e-002	-0.66	4.88e-002	1.14e-002	15.32
	477	0.50	-0.45	-0.65	0.18	-8.34e-003	15.29
	230	0.49	-0.45	-0.21	0.14	-9.19e-002	15.21
	446	0.52	3.39e-002	-0.23	-3.66e-002	-2.74e-002	15.25
175	445	0.51	3.33e-002	-1.74	0.14	5.30e-002	15.34
	476	0.50	-0.20	-1.65	0.56	8.13e-002	15.23
	477	0.51	-0.20	-1.06	0.30	2.19e-003	15.23
	223	0.53	3.43e-002	-1.14	3.81e-002	-1.72e-002	15.34
176	222	0.58	3.75e-002	-2.28	0.50	0.18	15.20
	475	0.60	0.35	-2.20	1.56	0.30	14.89
	476	0.53	0.35	-2.11	0.88	0.15	15.02
	445	0.51	3.33e-002	-2.19	0.15	-2.73e-002	15.33
177	444	1.48	0.10	-3.69	2.60	0.75	14.35
	474	1.52	0.69	-3.39	3.90	1.48	13.36
	475	0.62	0.63	-2.27	2.66	0.55	14.22
	222	0.58	3.75e-002	-2.57	0.44	-0.13	15.21
178	193	-5.94	-0.39	-3.54	23.18	5.93	9.11
	423	-5.86	0.85	-0.99	10.25	15.02	2.97
	474	1.56	1.33	-3.62	8.96	-1.32	10.32
	444	1.48	0.10	-6.17	2.54	-1.86	16.46
229	432	-0.65	2.33	3.23	3.48	-3.46	5.17
	442	-0.59	3.25	0.51	2.45	4.61	5.79
	443	-1.50	3.19	-0.25	-7.31	-10.98	3.00
	433	-1.56	2.27	2.48	14.86	2.00	2.38
230	431	-0.30	-0.64	2.45	1.40	-1.53	5.25
	441	-0.34	-1.27	0.50	0.64	-0.40	5.73
	442	-0.88	-1.30	1.20	0.93	-2.27	5.88
	432	-0.84	-0.67	3.15	2.80	-1.15	5.40
231	430	-0.39	-2.78	1.61	0.42	-0.43	4.81
	440	-0.52	-4.84	0.31	0.12	-0.46	5.00
	441	-0.57	-4.85	0.47	0.11	-0.47	5.30
	431	-0.43	-2.78	1.77	1.12	-0.78	5.11
232	429	-0.43	-4.04	0.67	0.10	-0.11	4.75
	439	-0.62	-6.86	8.24e-002	1.70e-002	-0.17	4.80
	440	-0.65	-6.86	0.42	-2.50e-002	-0.19	4.89
	430	-0.47	-4.04	1.01	0.29	-0.33	4.85
233	428	-0.46	-4.51	-0.12	4.35e-002	-2.02e-002	4.74
	438	-0.65	-7.54	-0.14	-2.31e-003	-1.35e-002	4.75
	439	-0.66	-7.54	0.14	-1.41e-002	-8.50e-002	4.78
	429	-0.46	-4.51	0.15	6.18e-002	-0.11	4.78
234	427	-0.51	-4.10	-0.90	9.45e-002	4.05e-002	4.69
	437	-0.69	-6.93	-0.34	-1.58e-002	0.12	4.68
	438	-0.61	-6.92	-9.14e-002	-8.72e-003	-3.58e-002	4.74
	428	-0.43	-4.10	-0.65	3.39e-002	-1.13e-002	4.75
235	426	-0.51	-2.81	-1.82	0.30	0.19	4.51
	436	-0.65	-5.02	-0.68	-4.37e-002	0.45	4.47
	437	-0.57	-5.02	-0.27	-1.56e-002	-3.53e-003	4.65
	427	-0.42	-2.80	-1.40	0.10	7.15e-002	4.69
236	425	-0.46	-0.74	-2.43	0.90	0.72	3.94
	435	-0.53	-1.79	-0.52	-7.26e-002	1.42	3.82
	436	-0.44	-1.78	-0.56	-2.96e-002	9.13e-002	4.35
	426	-0.37	-0.73	-2.47	0.30	0.24	4.47

237	424	-1.39	2.13	-4.35	2.11	2.72	2.48
	434	-1.32	3.08	-1.87	6.85e-002	4.09	2.20
	435	-0.21	3.16	-0.57	-2.42e-002	0.68	3.44
	425	-0.27	2.20	-3.04	0.82	0.71	3.72
238	403	-1.11	5.09	-2.08	3.47	9.24	-0.31
	413	-0.78	10.14	-1.03	-2.36e-002	10.27	-0.56
	434	-0.87	10.14	-3.06	-2.10e-002	3.76	1.41
	424	-1.19	5.08	-4.11	1.69	2.72	1.66
239	422	-0.53	1.11	4.84	6.33	-6.65	2.83
	432	-0.45	2.35	4.49	4.92	-3.46	4.85
	433	-2.78	2.19	2.43	-0.12	3.65	3.90
	423	-2.86	0.96	2.78	20.41	9.43	1.88
240	421	-0.18	-0.37	2.37	2.27	-1.10	3.69
	431	-0.20	-0.63	2.82	1.87	-1.80	5.09
	432	-0.64	-0.66	4.40	4.67	-0.68	5.05
	422	-0.63	-0.40	3.95	4.73	-1.30	3.64
241	420	-0.16	-1.25	2.08	0.56	-0.22	4.42
	430	-0.26	-2.77	1.99	0.49	-0.44	4.77
	431	-0.34	-2.78	2.14	1.22	-0.80	4.70
	421	-0.24	-1.25	2.23	1.05	-0.93	4.35
242	419	-0.15	-1.90	0.84	0.12	-6.16e-002	4.67
	429	-0.29	-4.03	0.78	0.11	-0.11	4.75
	430	-0.34	-4.03	1.39	0.28	-0.34	4.70
	420	-0.21	-1.90	1.45	0.20	-0.33	4.62
243	418	-0.16	-2.12	-0.22	4.55e-002	-1.48e-002	4.74
	428	-0.32	-4.50	-0.23	2.58e-002	-2.34e-002	4.75
	429	-0.32	-4.50	0.26	6.55e-002	-0.11	4.73
	419	-0.16	-2.12	0.27	2.92e-002	-0.10	4.73
244	417	-0.19	-1.92	-1.29	8.90e-002	1.15e-002	4.74
	427	-0.33	-4.09	-1.22	3.43e-002	1.82e-002	4.73
	428	-0.29	-4.09	-0.76	4.35e-002	-1.08e-002	4.74
	418	-0.15	-1.91	-0.83	2.10e-002	-1.98e-002	4.76
245	416	-0.26	-1.29	-2.55	0.29	6.22e-002	4.66
	426	-0.35	-2.80	-2.42	0.12	0.11	4.61
	427	-0.25	-2.79	-1.72	0.11	6.51e-002	4.69
	417	-0.15	-1.29	-1.86	8.15e-002	2.11e-002	4.75
246	415	-0.28	-0.20	-3.11	0.94	0.26	4.36
	425	-0.32	-0.73	-2.99	0.38	0.49	4.18
	426	-0.22	-0.72	-3.07	0.35	0.21	4.49
	416	-0.18	-0.19	-3.19	0.28	0.10	4.66
247	414	-0.23	0.95	-5.44	3.04	1.27	3.28
	424	-0.15	2.21	-5.83	1.11	2.21	2.73
	425	-0.13	2.21	-3.60	1.03	0.54	3.79
	415	-0.21	0.95	-3.21	0.91	0.30	4.34
248	393	-2.94	2.28	-2.43	6.31	7.45	-0.28
	403	-2.76	4.98	-2.07	1.18	8.46	-0.87
	424	4.57e-002	5.16	-5.59	2.27	2.14	1.81
	414	-0.13	2.47	-5.95	2.13	0.19	2.40
249	383	1.27	8.24e-002	8.05	3.39	-2.60	-3.61
	422	1.34	1.23	5.18	6.94	-6.23	2.01
	423	-5.87	0.76	2.63	5.75	9.02	3.60
	193	-5.94	-0.39	5.50	26.88	4.60	-2.02
250	221	0.62	4.03e-002	3.43	0.59	-0.28	2.81
	421	0.60	-0.32	2.70	1.75	-0.75	3.55
	422	1.25	-0.27	4.29	4.46	-1.27	1.90
	383	1.27	8.24e-002	5.02	0.63	-4.65e-002	1.16
251	380	0.49	3.21e-002	2.49	0.17	-6.40e-002	4.22

420	0.41	-1.21	2.30	0.42	-0.14	4.41	
421	0.54	-1.20	2.56	1.49	-0.79	3.69	
221	0.62	4.03e-002	2.75	-0.24	-0.12	3.50	
252	220	0.52	3.40e-002	1.00	4.29e-002	-1.44e-002	4.63
419	0.40	-1.86	0.90	8.66e-002	-4.08e-002	4.67	
420	0.37	-1.86	1.68	0.41	-0.26	4.45	
380	0.49	3.21e-002	1.77	-0.14	-5.05e-002	4.41	
253	379	0.52	3.35e-002	-0.28	1.38e-002	-2.43e-003	4.74
418	0.38	-2.08	-0.29	2.54e-002	-1.24e-002	4.75	
419	0.39	-2.08	0.33	0.11	-7.24e-002	4.69	
220	0.52	3.40e-002	0.34	-5.07e-002	-1.61e-002	4.68	
254	219	0.51	3.34e-002	-1.58	1.59e-002	3.30e-003	4.77
417	0.39	-1.88	-1.50	4.31e-002	1.92e-003	4.76	
418	0.39	-1.88	-0.90	4.58e-002	-1.37e-002	4.75	
379	0.52	3.35e-002	-0.98	-1.21e-002	-4.88e-003	4.76	
255	376	0.46	3.01e-002	-3.07	5.45e-002	1.49e-002	4.76
416	0.38	-1.25	-2.88	0.13	2.20e-002	4.73	
417	0.43	-1.25	-2.06	8.41e-002	1.85e-002	4.74	
219	0.51	3.34e-002	-2.25	7.59e-003	-1.71e-003	4.77	
256	218	0.55	3.58e-002	-3.94	0.24	6.02e-002	4.65
415	0.54	-0.14	-3.69	0.37	0.10	4.57	
416	0.45	-0.15	-3.52	0.27	8.79e-002	4.66	
376	0.46	3.01e-002	-3.77	3.45e-002	-1.99e-003	4.74	
257	375	1.64	0.11	-6.29	1.11	0.27	4.08
414	1.70	1.08	-5.55	0.78	0.66	3.83	
415	0.61	1.00	-3.78	0.84	0.27	4.36	
218	0.55	3.58e-002	-4.52	8.99e-002	-9.66e-003	4.60	
258	190	-6.64	-0.43	-5.84	9.13	2.22	1.22
393	-6.48	2.05	-2.26	3.05	6.27	-0.89	
414	1.80	2.59	-6.06	2.93	-0.58	2.60	
375	1.64	0.11	-9.64	0.82	-0.53	4.70	
259	402	-1.12	5.39	3.53	2.35	5.79	-5.71
412	-0.77	10.80	2.82	-0.11	5.53	-5.54	
413	-0.74	10.80	0.95	1.98	17.61	-2.06	
403	-1.09	5.39	1.67	2.05	12.78	-2.23	
260	401	-0.37	3.43	2.52	1.16	1.77	-8.85
411	-0.25	5.22	0.51	5.09e-002	1.66	-8.59	
412	-1.14	5.16	1.71	-7.67e-003	6.94	-6.68	
402	-1.26	3.37	3.73	2.61	4.48	-6.94	
261	400	-0.48	1.35	1.96	0.47	0.58	-10.01
410	-0.47	1.41	0.48	2.97e-002	0.46	-9.86	
411	-0.50	1.40	0.48	-8.89e-002	2.51	-9.07	
401	-0.50	1.35	1.96	1.27	1.43	-9.21	
262	399	-0.53	-5.80e-002	9.98e-001	0.15	0.14	-10.38
409	-0.58	-0.88	0.19	1.33e-002	5.90e-002	-10.31	
410	-0.62	-0.88	0.56	-4.76e-002	0.85	-10.03	
400	-0.57	-6.09e-002	1.37	0.49	0.43	-10.10	
263	398	-0.54	-0.86	0.32	7.13e-003	-0.11	-10.45
408	-0.61	-2.06	9.45e-003	8.41e-003	-0.20	-10.42	
409	-0.66	-2.06	0.24	-1.76e-002	0.23	-10.37	
399	-0.58	-0.87	0.55	0.16	7.10e-002	-10.39	
264	397	-0.57	-0.95	-0.38	-4.61e-002	-0.49	-10.35
407	-0.65	-2.18	-0.19	1.35e-002	-0.65	-10.34	
408	-0.62	-2.18	4.30e-002	5.47e-003	-0.12	-10.42	
398	-0.54	-0.95	-0.15	2.53e-002	-0.18	-10.42	
265	396	-0.56	-0.31	-1.19	7.35e-002	-1.37	-10.05
406	-0.62	-1.26	-0.50	9.05e-002	-1.73	-10.11	

	407	-0.59	-1.26	-0.15	6.82e-002	-0.59	-10.32
	397	-0.53	-0.31	-0.83	1.18e-002	-0.67	-10.26
266	395	-0.50	0.93	-1.79	0.42	-3.30	-9.23
	405	-0.51	0.78	-0.45	0.64	-4.81	-9.47
	406	-0.49	0.78	-0.42	0.34	-1.52	-10.14
	396	-0.48	0.93	-1.77	0.21	-2.13	-9.90
267	394	-1.21	2.81	-3.48	-2.03	-7.31	-6.09
	404	-1.11	4.25	-1.60	0.89	-15.83	-5.63
	405	-0.28	4.31	-0.47	1.03	-2.30	-9.18
	395	-0.37	2.87	-2.36	0.31	-6.25	-9.64
268	353	-0.94	4.75	-1.64	31.23	-22.18	-1.28
	363	-0.64	9.50	-0.86	-90.06	-45.43	12.20
	404	-0.77	9.49	-2.56	-3.59	7.30	8.92
	394	-1.08	4.74	-3.34	-5.48	-3.74	-4.57
269	392	-0.14	2.39	5.12	2.43	2.09	-6.48
	402	6.14e-002	5.47	4.70	2.93	4.87	-6.06
	403	-2.74	5.28	1.68	2.07	11.31	-2.16
	393	-2.94	2.21	2.10	5.57	9.01	-2.59
270	391	-0.18	1.41	2.63	1.11	0.77	-9.59
	401	-4.44e-002	3.45	2.95	1.45	1.47	-8.97
	402	-6.97e-002	3.45	4.89	1.25	3.65	-7.34
	392	-0.20	1.41	4.57	3.60	2.27	-7.96
271	390	-0.22	0.81	2.52	0.41	0.22	-10.30
	400	-0.18	1.37	2.42	0.58	0.49	-10.04
	401	-0.18	1.37	2.38	0.58	1.09	-9.52
	391	-0.22	0.81	2.48	1.34	0.70	-9.77
272	389	-0.21	8.15e-002	1.33	0.13	2.77e-002	-10.50
	399	-0.22	-3.78e-002	1.22	0.21	0.12	-10.39
	400	-0.27	-4.16e-002	1.83	0.23	0.32	-10.24
	390	-0.27	7.78e-002	1.95	0.48	0.22	-10.34
273	388	-0.21	-0.30	0.40	-1.07e-002	-9.46e-002	-10.50
	398	-0.25	-0.84	0.35	7.33e-002	-9.39e-002	-10.46
	399	-0.27	-0.85	0.77	6.35e-002	3.66e-002	-10.45
	389	-0.23	-0.30	0.82	0.16	3.40e-002	-10.50
274	387	-0.23	-0.34	-0.59	-7.96e-002	-0.34	-10.33
	397	-0.26	-0.93	-0.55	8.17e-002	-0.42	-10.33
	398	-0.25	-0.93	-0.13	-1.43e-002	-0.17	-10.45
	388	-0.21	-0.34	-0.16	5.37e-002	-9.50e-002	-10.45
275	386	-0.26	-4.51e-002	-1.71	8.31e-002	-1.08	-9.84
	396	-0.27	-0.29	-1.61	0.38	-1.21	-9.96
	397	-0.22	-0.29	-1.00	4.29e-003	-0.63	-10.28
	387	-0.21	-4.19e-002	-1.10	0.14	-0.34	-10.15
276	385	-0.21	0.60	-2.26	1.51	-3.21	-8.72
	395	-0.19	0.95	-2.17	1.57	-2.82	-9.35
	396	-0.19	0.95	-2.19	0.34	-2.10	-9.87
	386	-0.22	0.60	-2.29	0.83	-0.98	-9.24
277	384	-0.24	1.16	-4.30	7.30	-7.50	-6.63
	394	-0.12	2.88	-4.61	5.61	-4.70	-8.91
	395	-6.22e-002	2.89	-2.73	1.51	-6.85	-9.35
	385	-0.17	1.16	-2.42	3.93	-3.19	-7.08
278	343	-2.73	1.92	-1.98	71.63	16.42	1.93
	353	-2.55	4.64	-1.60	-46.03	-17.43	-0.58
	394	4.97e-004	4.81	-4.47	3.53	-1.79	-5.31
	384	-0.18	2.09	-4.85	12.25	-21.02	-2.80
279	372	1.34	8.68e-002	7.49	0.68	-0.43	-9.01
	392	1.49	2.50	5.02	3.48	0.69	-6.75
	393	-6.48	1.98	2.26	3.56	7.52	-2.16

	190	-6.64	-0.43	4.73	8.82	2.59	-4.43
280	217	0.50	3.25e-002	3.50	6.97e-002	2.91e-002	-9.91
	391	0.59	1.46	3.08	1.11	0.60	-9.59
	392	1.43	1.51	4.48	0.96	1.36	-8.53
	372	1.34	8.68e-002	4.90	1.38	0.46	-8.85
281	371	0.42	2.76e-002	2.90	3.16e-002	9.82e-003	-10.41
	390	0.48	0.86	2.77	0.41	0.17	-10.30
	391	0.55	0.86	2.93	0.49	0.41	-10.00
	217	0.50	3.25e-002	3.07	0.36	0.14	-10.11
282	216	0.45	2.95e-002	1.59	2.33e-003	-4.31e-003	-10.54
	389	0.46	0.12	1.47	0.15	2.41e-002	-10.50
	390	0.43	0.12	2.19	0.20	0.12	-10.43
	371	0.42	2.76e-002	2.31	0.11	4.39e-002	-10.47
283	368	0.45	2.91e-002	0.45	-3.99e-002	-1.90e-002	-10.51
	388	0.43	-0.25	0.41	8.16e-002	-6.45e-002	-10.49
	389	0.43	-0.25	0.96	6.55e-002	1.20e-002	-10.53
	216	0.45	2.95e-002	9.98e-001	4.18e-002	1.01e-002	-10.55
284	215	0.46	2.96e-002	-0.72	-0.14	-5.66e-002	-10.26
	387	0.43	-0.30	-0.70	0.18	-0.25	-10.26
	388	0.43	-0.30	-0.15	4.32e-003	-7.54e-002	-10.47
	368	0.45	2.91e-002	-0.17	3.58e-002	-1.20e-002	-10.46
285	367	0.43	2.79e-002	-2.03	-0.39	-0.17	-9.42
	386	0.43	-6.29e-004	-1.93	0.76	-0.83	-9.50
	387	0.45	1.08e-003	-1.21	4.19e-002	-0.25	-10.17
	215	0.46	2.96e-002	-1.31	0.10	-5.69e-002	-10.09
286	214	0.50	3.27e-002	-2.79	-0.80	-0.44	-6.71
	385	0.54	0.65	-2.68	3.02	-2.63	-7.15
	386	0.47	0.65	-2.50	0.51	-0.67	-9.29
	367	0.43	2.79e-002	-2.62	0.38	-0.22	-8.85
287	364	1.30	8.45e-002	-4.64	0.70	-0.44	1.34
	384	1.38	1.26	-4.25	12.72	-5.92	-1.25
	385	0.58	1.21	-2.84	3.23	-2.56	-7.08
	214	0.50	3.27e-002	-3.23	1.69	-1.01	-4.49
288	187	-6.27	-0.41	-4.48	114.32	17.49	19.94
	343	-6.13	1.70	-2.08	-4.81	18.69	-2.15
	384	1.44	2.19	-4.79	18.96	-18.68	-0.47
	364	1.30	8.45e-002	-7.19	12.26	-12.46	21.62
329	352	-1.22	4.28	4.04	-2.21	3.83	8.61
	362	-0.91	9.01	3.23	-5.01	7.55	-2.73
	363	-0.67	9.02	1.18	-79.04	-11.87	0.34
	353	-0.97	4.30	1.98	25.85	-4.71	11.67
330	351	-0.26	1.37	2.87	1.03	-2.97	8.98
	361	-0.23	1.80	0.49	1.00	-0.54	9.26
	362	-1.39	1.73	1.84	0.24	-5.80	8.36
	352	-1.41	1.29	4.22	2.59	-2.16	8.08
331	350	-0.33	-1.57	2.32	0.34	-0.82	8.85
	360	-0.43	-3.07	0.48	0.23	-0.58	9.01
	361	-0.55	-3.08	0.44	0.12	-1.65	8.99
	351	-0.45	-1.58	2.28	0.97	-1.32	8.83
332	349	-0.39	-3.55	1.21	7.12e-002	-0.21	8.92
	359	-0.56	-6.15	0.19	4.38e-002	-0.20	8.95
	360	-0.63	-6.15	0.62	-1.25e-002	-0.55	8.95
	350	-0.46	-3.56	1.63	0.20	-0.52	8.91
333	348	-0.41	-4.67	0.41	3.09e-002	-3.95e-002	8.95
	358	-0.61	-7.77	7.14e-003	4.51e-003	-1.26e-002	8.95
	359	-0.67	-7.78	0.27	-9.16e-003	-0.20	8.95
	349	-0.47	-4.67	0.67	2.04e-002	-0.17	8.95

334	347	-0.45	-4.81	-0.43	9.25e-002	5.16e-002	8.91
	357	-0.66	-7.98	-0.21	-1.66e-002	0.16	8.89
	358	-0.63	-7.98	6.11e-002	-1.20e-002	-7.15e-002	8.95
	348	-0.42	-4.80	-0.16	1.76e-002	-2.01e-002	8.96
335	346	-0.44	-3.97	-1.38	0.32	0.25	8.69
	356	-0.63	-6.77	-0.55	-5.69e-002	0.57	8.65
	357	-0.58	-6.77	-0.13	-3.46e-002	-2.00e-002	8.86
	347	-0.40	-3.97	-0.97	9.13e-002	9.31e-002	8.90
336	345	-0.42	-2.26	-2.05	1.00	0.95	8.00
	355	-0.54	-4.11	-0.39	-0.13	1.85	7.88
	356	-0.45	-4.10	-0.41	-9.38e-002	7.29e-002	8.52
	346	-0.33	-2.26	-2.06	0.31	0.33	8.65
337	344	-1.31	0.33	-3.95	2.52	3.59	6.08
	354	-1.31	0.29	-1.72	-7.46e-002	5.66	5.75
	355	-0.25	0.36	-0.44	-0.22	0.64	7.42
	345	-0.25	0.40	-2.67	0.86	1.00	7.76
338	323	-1.17	3.14	-1.91	2.51	11.86	1.79
	333	-0.91	7.03	-0.95	1.87	15.21	1.33
	354	-0.87	7.03	-2.82	-0.48	3.70	4.47
	344	-1.13	3.14	-3.79	1.79	3.59	4.93
339	342	1.54e-002	2.03	5.83	9.69	-15.05	6.11
	352	0.17	4.37	5.47	4.64	3.67	8.89
	353	-2.58	4.19	2.03	-41.08	-3.87	9.81
	343	-2.73	1.85	2.39	68.10	21.20	7.03
340	341	-0.22	0.57	3.04	3.23	-1.20	7.08
	351	-0.17	1.37	3.42	1.68	-3.09	8.74
	352	-2.66e-002	1.38	5.65	2.10	-1.63	9.33
	342	-7.90e-002	0.58	5.27	9.17	-3.67	7.68
341	340	-0.18	-0.60	2.94	0.68	-0.20	8.46
	350	-0.24	-1.56	2.86	0.41	-0.80	8.81
	351	-0.36	-1.57	2.82	1.21	-1.25	8.69
	341	-0.30	-0.60	2.90	1.09	-1.71	8.35
342	339	-0.14	-1.66	1.57	0.13	-5.25e-002	8.85
	349	-0.27	-3.55	1.47	6.74e-002	-0.19	8.91
	350	-0.37	-3.55	2.18	0.30	-0.50	8.82
	340	-0.25	-1.67	2.27	7.96e-002	-0.53	8.76
343	338	-0.15	-2.20	0.48	4.03e-002	-1.13e-002	8.96
	348	-0.31	-4.66	0.44	5.56e-003	-4.14e-002	8.96
	349	-0.34	-4.66	0.93	6.58e-002	-0.15	8.93
	339	-0.18	-2.20	0.98	-2.80e-002	-0.14	8.93
344	337	-0.17	-2.27	-0.65	9.29e-002	2.10e-002	8.96
	347	-0.33	-4.80	-0.62	1.47e-002	2.45e-002	8.95
	348	-0.32	-4.80	-0.12	4.08e-002	-1.43e-002	8.96
	338	-0.15	-2.27	-0.15	-8.54e-004	-2.58e-002	8.98
345	336	-0.23	-1.88	-1.94	0.32	0.10	8.85
	346	-0.37	-3.97	-1.85	7.10e-002	0.15	8.80
	347	-0.28	-3.96	-1.16	0.11	9.02e-002	8.91
	337	-0.14	-1.87	-1.24	6.95e-002	3.61e-002	8.96
346	335	-0.28	-0.95	-2.59	1.05	0.39	8.44
	345	-0.37	-2.26	-2.53	0.24	0.66	8.27
	346	-0.26	-2.25	-2.53	0.35	0.30	8.67
	336	-0.17	-0.95	-2.59	0.26	0.16	8.83
347	334	-0.12	8.61e-002	-4.87	3.48	1.72	6.97
	344	-0.10	0.41	-5.30	0.73	2.82	6.43
	345	-0.20	0.40	-3.15	1.04	0.85	7.82
	335	-0.22	7.99e-002	-2.72	0.86	0.50	8.36
348	313	-2.88	1.26	-2.22	5.61	8.52	2.05

	323	-2.77	3.03	-1.89	2.38	10.64	1.36
	344	8.32e-002	3.22	-5.14	2.34	2.80	5.04
	334	-3.20e-002	1.45	-5.46	1.95	0.82	5.73
349	302	1.65	0.11	9.20	11.45	-8.80	-14.58
	342	1.78	2.15	5.87	15.54	-14.73	4.93
	343	-6.14	1.63	2.29	-1.60	20.59	10.15
	187	-6.27	-0.41	5.62	108.45	15.47	-9.36
350	213	0.57	3.68e-002	4.42	0.84	-0.34	5.97
	341	0.60	0.62	3.62	2.50	-0.56	6.97
	342	1.69	0.69	5.32	7.24	-3.60	3.58
	302	1.65	0.11	6.11	-0.23	-0.47	2.59
351	301	0.48	3.13e-002	3.51	0.20	-6.66e-002	8.21
	340	0.44	-0.56	3.23	0.50	-7.31e-002	8.43
	341	0.53	-0.55	3.48	2.15	-1.44	7.24
	213	0.57	3.68e-002	3.76	-0.70	-0.26	7.02
352	212	0.53	3.45e-002	1.93	4.58e-002	-1.30e-002	8.81
	339	0.42	-1.63	1.73	7.75e-002	-2.30e-002	8.85
	340	0.37	-1.63	2.57	0.51	-0.42	8.51
	301	0.48	3.13e-002	2.76	-0.28	-9.04e-002	8.47
353	298	0.53	3.44e-002	0.57	1.54e-002	-1.43e-003	8.96
	338	0.39	-2.16	0.50	1.26e-002	-7.88e-003	8.96
	339	0.39	-2.16	1.14	0.12	-0.11	8.88
	212	0.53	3.45e-002	1.21	-8.82e-002	-2.60e-002	8.88
354	211	0.53	3.47e-002	-0.80	2.44e-002	5.22e-003	8.99
	337	0.39	-2.23	-0.77	2.63e-002	8.25e-003	8.98
	338	0.38	-2.23	-0.13	4.43e-002	-1.69e-002	8.97
	298	0.53	3.44e-002	-0.16	-2.30e-002	-6.57e-003	8.98
355	297	0.49	3.19e-002	-2.34	8.69e-002	2.15e-002	8.94
	336	0.37	-1.84	-2.19	8.64e-002	4.50e-002	8.91
	337	0.41	-1.83	-1.36	8.21e-002	3.11e-002	8.96
	211	0.53	3.47e-002	-1.52	8.44e-004	-6.51e-006	8.98
356	210	0.59	3.85e-002	-3.36	0.35	8.43e-002	8.71
	335	0.53	-0.90	-3.11	0.23	0.19	8.63
	336	0.43	-0.91	-2.85	0.26	0.13	8.83
	297	0.49	3.19e-002	-3.09	1.97e-002	5.52e-003	8.90
357	294	1.65	0.11	-5.68	1.40	0.34	7.69
	334	1.66	0.20	-4.90	0.31	0.92	7.49
	335	0.60	0.13	-3.25	0.83	0.44	8.36
	210	0.59	3.85e-002	-4.03	3.16e-002	2.53e-002	8.56
358	181	-6.45	-0.42	-5.41	8.40	2.27	3.58
	313	-6.36	1.04	-2.10	3.98	7.06	1.50
	334	1.75	1.56	-5.49	2.95	-0.21	5.85
	294	1.65	0.11	-8.80	0.68	-0.34	7.93
359	322	-1.08	3.27	3.66	2.06	4.16	-2.83
	332	-0.81	7.54	2.85	6.30e-002	4.85	-2.67
	333	-0.88	7.54	0.93	0.28	12.89	-0.18
	323	-1.16	3.26	1.75	3.32	10.60	-0.34
360	321	-0.32	1.13	2.62	1.03	1.20	-5.25
	331	-0.28	1.72	0.52	7.43e-002	1.23	-4.99
	332	-1.19	1.66	1.75	0.11	5.25	-3.49
	322	-1.23	1.07	3.85	2.29	3.47	-3.75
361	320	-0.43	-1.11	2.06	0.40	0.39	-6.20
	330	-0.50	-2.30	0.50	2.51e-002	0.29	-6.06
	331	-0.54	-2.30	0.49	-5.55e-002	1.91	-5.41
	321	-0.46	-1.11	2.05	1.11	1.04	-5.55
362	319	-0.47	-2.64	1.09	0.12	8.78e-002	-6.49
	329	-0.61	-4.76	0.21	8.85e-003	6.82e-003	-6.44

	330	-0.66	-4.76	0.59	-4.09e-002	0.64	-6.21
	320	-0.53	-2.64	1.46	0.41	0.30	-6.27
363	318	-0.48	-3.54	0.40	-1.24e-002	-0.10	-6.53
	328	-0.65	-6.08	2.99e-002	7.10e-003	-0.20	-6.51
	329	-0.70	-6.08	0.26	-1.53e-002	0.16	-6.48
	319	-0.53	-3.54	0.63	0.12	3.38e-002	-6.50
364	317	-0.52	-3.70	-0.32	-8.46e-002	-0.43	-6.42
	327	-0.69	-6.31	-0.17	1.29e-002	-0.59	-6.41
	328	-0.66	-6.31	6.64e-002	4.93e-003	-0.11	-6.50
	318	-0.49	-3.69	-8.37e-002	2.67e-003	-0.16	-6.51
365	316	-0.53	-3.10	-1.14	-5.16e-002	-1.23	-6.11
	326	-0.68	-5.45	-0.49	6.77e-002	-1.59	-6.14
	327	-0.63	-5.45	-0.13	5.53e-002	-0.51	-6.37
	317	-0.48	-3.10	-0.78	-3.11e-002	-0.57	-6.34
366	315	-0.48	-1.86	-1.72	0.19	-3.19	-5.29
	325	-0.58	-3.47	-0.44	0.48	-4.44	-5.47
	326	-0.55	-3.47	-0.40	0.27	-1.38	-6.12
	316	-0.45	-1.86	-1.69	0.10	-1.80	-5.94
367	314	-1.16	9.02e-002	-3.26	-0.95	-7.71	-2.48
	324	-1.17	-0.16	-1.44	1.16	-14.14	-2.41
	325	-0.36	-0.11	-0.43	0.95	-2.59	-5.29
	315	-0.35	0.14	-2.26	0.38	-5.38	-5.35
368	277	-0.60	2.16	-1.64	24.61	-20.06	4.38
	283	-0.43	4.82	-0.91	-54.32	-41.46	11.25
	324	-0.85	4.79	-2.43	-0.62	2.54	6.29
	314	-1.02	2.14	-3.16	-1.99	-7.21	-0.58
369	312	-0.10	1.37	5.32	2.46	1.06	-3.57
	322	3.26e-002	3.34	4.87	2.70	3.50	-3.11
	323	-2.76	3.16	1.77	1.16	9.53	3.73e-003
	313	-2.89	1.19	2.21	6.45	8.16	-0.47
370	311	-0.15	0.29	2.76	1.08	0.49	-5.98
	321	-9.19e-002	1.15	3.08	1.30	0.94	-5.36
	322	-0.11	1.14	5.06	1.39	2.87	-4.05
	312	-0.17	0.29	4.75	3.31	1.70	-4.67
371	310	-0.18	-0.41	2.66	0.37	0.14	-6.47
	320	-0.22	-1.09	2.55	0.49	0.33	-6.23
	321	-0.24	-1.09	2.51	0.55	0.77	-5.83
	311	-0.19	-0.41	2.62	1.17	0.46	-6.07
372	309	-0.16	-1.21	1.45	0.10	9.09e-003	-6.60
	319	-0.26	-2.62	1.33	0.17	7.64e-002	-6.51
	320	-0.32	-2.63	1.96	0.20	0.20	-6.39
	310	-0.23	-1.21	2.08	0.40	0.13	-6.49
373	308	-0.17	-1.63	0.50	-2.64e-002	-8.26e-002	-6.58
	318	-0.29	-3.53	0.44	4.93e-002	-8.60e-002	-6.54
	319	-0.31	-3.53	0.87	4.40e-002	7.95e-003	-6.55
	309	-0.19	-1.63	0.93	0.12	1.32e-002	-6.59
374	307	-0.18	-1.71	-0.50	-0.12	-0.29	-6.43
	317	-0.31	-3.68	-0.47	4.50e-002	-0.36	-6.42
	318	-0.30	-3.68	-4.13e-002	-3.16e-002	-0.15	-6.53
	308	-0.17	-1.71	-6.92e-002	2.56e-002	-8.03e-002	-6.54
375	306	-0.22	-1.43	-1.64	-9.35e-002	-0.92	-5.98
	316	-0.32	-3.09	-1.55	0.27	-1.08	-6.05
	317	-0.27	-3.09	-0.93	-4.66e-002	-0.53	-6.36
	307	-0.16	-1.43	-1.03	6.77e-002	-0.28	-6.29
376	305	-0.21	-0.78	-2.25	0.71	-2.75	-4.83
	315	-0.28	-1.85	-2.10	1.33	-2.73	-5.27
	316	-0.24	-1.85	-2.10	0.17	-1.75	-5.93

	306	-0.17	-0.78	-2.24	0.56	-0.86	-5.49
377	304	-0.33	1.98e-002	-4.24	4.64	-6.42	-2.07
	314	-0.32	0.14	-4.43	5.22	-5.52	-3.84
	315	-0.15	0.16	-2.64	1.15	-5.69	-5.18
	305	-0.15	3.13e-002	-2.45	2.87	-2.94	-3.40
378	271	-1.71	1.14	-1.95	48.30	8.13	7.22
	277	-1.65	2.10	-1.68	-26.72	-15.85	4.85
	314	-0.19	2.19	-4.33	3.41	-5.44	-0.92
	304	-0.25	1.23	-4.61	9.16	-16.51	1.46
379	292	1.38	8.96e-002	7.83	0.81	-0.58	-6.12
	312	1.47	1.47	5.28	3.37	2.88e-002	-3.86
	313	-6.36	0.96	2.33	2.93	6.85	6.34e-002
	181	-6.45	-0.42	4.88	9.59	2.50	-2.20
380	209	0.54	3.51e-002	3.70	0.11	-7.27e-003	-6.32
	311	0.56	0.34	3.24	1.04	0.39	-5.99
	312	1.40	0.39	4.71	1.10	0.97	-5.28
	292	1.38	8.96e-002	5.17	1.23	0.37	-5.61
381	291	0.47	3.03e-002	3.08	4.10e-002	-1.08e-003	-6.58
	310	0.44	-0.37	2.93	0.36	0.11	-6.47
	311	0.51	-0.36	3.09	0.50	0.24	-6.31
	209	0.54	3.51e-002	3.25	0.28	0.10	-6.42
382	208	0.50	3.23e-002	1.74	4.93e-003	-5.97e-003	-6.64
	309	0.42	-1.17	1.60	0.12	1.03e-002	-6.60
	310	0.39	-1.17	2.34	0.19	6.53e-002	-6.57
	291	0.47	3.03e-002	2.47	7.99e-002	2.89e-002	-6.61
383	288	0.49	3.21e-002	0.57	-3.54e-002	-1.66e-002	-6.59
	308	0.39	-1.60	0.52	5.65e-002	-5.55e-002	-6.58
	309	0.39	-1.60	1.08	5.39e-002	-4.85e-004	-6.62
	208	0.50	3.23e-002	1.13	2.73e-002	6.03e-003	-6.63
384	207	0.50	3.26e-002	-0.62	-0.13	-4.92e-002	-6.39
	307	0.39	-1.67	-0.60	0.13	-0.21	-6.39
	308	0.38	-1.68	-4.34e-002	-9.33e-003	-6.32e-002	-6.56
	288	0.49	3.21e-002	-5.82e-002	2.42e-002	-9.59e-003	-6.56
385	287	0.47	3.07e-002	-1.96	-0.36	-0.15	-5.68
	306	0.38	-1.40	-1.87	0.57	-0.69	-5.73
	307	0.41	-1.39	-1.13	-3.74e-003	-0.21	-6.30
	207	0.50	3.26e-002	-1.22	7.61e-002	-4.46e-002	-6.25
386	206	0.51	3.31e-002	-2.76	-0.80	-0.39	-3.40
	305	0.46	-0.74	-2.62	2.33	-2.17	-3.71
	306	0.42	-0.74	-2.47	0.31	-0.60	-5.51
	287	0.47	3.07e-002	-2.60	0.30	-0.17	-5.21
387	284	1.26	8.18e-002	-4.92	-0.13	-0.56	3.30
	304	1.26	0.12	-4.52	9.24	-4.94	1.59
	305	0.51	7.46e-002	-2.83	2.18	-2.27	-3.34
	206	0.51	3.31e-002	-3.23	1.27	-0.76	-1.63
388	176	-3.99	-0.26	-4.56	73.66	10.70	18.59
	271	-3.91	9.96e-001	-1.66	-1.84	10.19	4.47
	304	1.34	1.34	-4.89	12.51	-14.12	3.11
	284	1.26	8.18e-002	-7.78	8.37	-8.18	17.23
429	276	-0.37	2.86	1.46	-0.72	-2.76	16.57
	282	-0.18	5.77	1.22	-1.63	4.87	9.64
	283	-0.37	5.75	0.37	-49.19	-27.92	8.25
	277	-0.56	2.85	0.60	21.21	-13.74	15.19
430	275	6.87e-003	2.30	0.80	3.53	-3.24	17.84
	281	8.58e-002	3.51	6.69e-002	0.39	1.05	17.35
	282	-0.33	3.48	0.78	0.93	-9.26	17.15
	276	-0.40	2.27	1.51	0.61	-4.50	17.64

431	274	8.04e-002	1.76	0.49	8.55	1.32	13.32
	280	0.12	2.30	0.21	-2.30e-002	7.70	12.36
	281	6.85e-003	2.30	7.11e-002	0.81	-2.38	16.45
	275	-2.87e-002	1.75	0.35	3.74	-0.90	17.42
432	273	-0.42	1.47	-0.95	20.89	10.10	2.23
	279	-0.37	2.33	-0.61	4.87	24.26	-1.58
	280	0.12	2.36	0.31	1.77	1.85	8.86
	274	6.41e-002	1.50	-3.04e-002	9.53	3.13	12.68
433	272	-2.38	0.60	0.95	18.38	49.07	-1.79
	278	-2.16	3.94	-0.35	105.86	43.23	-24.66
	279	-0.25	4.07	-1.83	13.72	13.18	-23.38
	273	-0.47	0.73	-0.53	30.30	0.97	-0.51
434	270	0.19	1.12	2.06	10.15	-13.72	15.15
	276	0.31	2.91	1.89	4.51	-1.65	17.20
	277	-1.61	2.78	0.57	-23.73	-10.70	14.00
	271	-1.72	0.99	0.74	46.12	10.70	11.95
435	269	0.15	0.90	0.57	5.53	-2.18	17.50
	275	0.24	2.31	0.83	3.42	-4.20	18.69
	276	0.27	2.31	1.94	6.08	-3.00	18.90
	270	0.18	0.90	1.68	6.67	-5.13	17.71
436	268	0.15	0.95	0.70	8.12	4.45e-002	17.89
	274	0.20	1.76	0.68	6.36	1.09e-002	16.38
	275	0.20	1.76	0.39	4.94	-1.06	17.41
	269	0.15	0.95	0.40	4.34	-2.43	18.92
437	267	-2.60e-002	0.74	-0.64	21.19	5.68	15.64
	273	2.35e-002	1.50	-1.15	19.56	7.40	9.66
	274	0.19	1.51	0.16	11.29	1.69	13.08
	268	0.14	0.75	0.68	9.00	-1.35	19.06
438	266	-2.05	1.01	1.76	-3.90	27.42	4.39
	272	-2.08	0.62	1.35	82.11	48.69	-3.00
	273	-2.50e-002	0.75	-0.73	27.14	-3.00	3.17
	267	1.08e-004	1.14	-0.32	21.90	3.82	10.56
439	205	1.05	6.82e-002	2.78	8.08	-8.16	-0.75
	270	1.12	1.18	1.78	14.15	-12.33	13.65
	271	-3.92	0.85	1.03	5.72e-002	12.35	14.45
	176	-3.99	-0.26	2.03	72.35	11.37	4.97e-002
440	204	0.61	3.94e-002	0.90	1.47	-0.67	16.58
	269	0.66	0.93	0.73	4.41	-1.96	18.19
	270	1.11	0.96	1.40	10.05	-4.08	13.94
	205	1.05	6.82e-002	1.57	1.01	-0.28	12.33
441	203	0.59	3.85e-002	0.73	1.38	0.17	20.36
	268	0.65	0.98	0.74	5.71	-0.44	19.76
	269	0.67	0.98	0.56	4.83	-2.00	17.78
	204	0.61	3.94e-002	0.56	0.15	-0.47	18.38
442	202	1.36	8.87e-002	-0.87	6.32	1.52	21.03
	267	1.41	0.83	-0.68	9.95	2.56	18.94
	268	0.64	0.78	0.71	7.93	-0.71	19.14
	203	0.59	3.85e-002	0.52	1.14	-0.60	21.22
443	175	-2.12	-0.14	-1.24	-24.68	2.40	7.33
	266	-2.04	1.01	2.55	55.24	24.65	4.47
	267	1.44	1.23	-0.36	18.34	-1.61	13.04
	202	1.36	8.87e-002	-4.15	1.11	2.51	15.90
600	158	-0.32	-0.12	-0.29	88.13	-505.74	-1.61
	104	-0.65	-5.18	-1.45	-103.01	-306.91	-7.82
	41	-0.34	-5.16	-2.36	-265.15	-1093.66	-315.35
	116	-6.77e-003	-0.10	-1.19	208.56	-166.41	-309.14
601	157	-0.40	-1.32	-6.81e-002	31.83	-279.22	60.25

	103	-0.56	-3.70	-0.11	-8.93	-242.38	69.72
	104	-0.55	-3.70	-0.59	-11.26	-479.24	42.13
	158	-0.40	-1.32	-0.54	31.80	-375.48	32.66
602	156	-5.91e-002	-1.56	0.17	16.32	-119.63	45.96
	102	-0.19	-3.62	0.10	13.30	-79.98	63.24
	103	-0.55	-3.65	0.31	9.00	-262.03	73.31
	157	-0.42	-1.58	0.38	35.99	-242.86	56.02
603	155	-0.94	-0.12	2.52	-60.81	1.18	-1.01
	1	-1.23	-4.61	2.26	126.39	164.64	4.45
	102	-0.25	-4.55	-3.48e-002	33.05	-121.04	43.95
	156	3.83e-002	-6.02e-002	0.22	21.19	-58.52	38.49
604	154	-0.97	-0.29	-0.12	116.92	-287.75	58.44
	158	-0.96	-0.17	-5.12e-003	88.32	-398.28	-53.10
	116	-6.77e-003	-0.10	0.15	-10.22	-96.74	-97.53
	115	-1.47e-002	-0.23	4.27e-002	19.84	-104.47	14.01
605	153	-0.99	-0.35	-2.86e-002	80.00	-290.07	12.85
	157	-1.06	-1.36	-0.19	53.90	-298.61	54.83
	158	-1.04	-1.36	-0.26	118.90	-328.60	46.10
	154	-0.97	-0.35	-0.10	96.75	-317.41	4.12
606	152	-0.57	-0.11	0.10	4.10	-141.65	-8.22
	156	-0.66	-1.60	0.38	6.26	-144.81	47.72
	157	-1.08	-1.63	0.26	51.96	-223.84	56.51
	153	-0.98	-0.14	-1.64e-002	60.38	-246.19	0.57
607	151	1.51	-0.18	-0.26	-44.08	-11.49	-6.79
	155	1.52	3.64e-002	8.98e-002	-16.74	-25.18	25.30
	156	-0.57	-0.10	0.44	4.80	-62.11	30.90
	152	-0.58	-0.31	9.03e-002	-7.85	-90.88	-1.18
608	150	-0.62	-0.10	0.83	63.95	-498.78	103.45
	154	-0.64	-0.27	0.14	126.76	-304.02	-7.03
	115	-1.47e-002	-0.23	0.18	35.80	-110.00	82.35
	114	-4.08e-003	-6.28e-002	0.87	-33.00	-122.94	192.83
609	149	-0.80	-1.59	0.36	3.21	-347.15	-74.86
	153	-0.72	-0.33	-4.71e-002	87.87	-302.51	-21.66
	154	-0.64	-0.33	0.15	98.26	-325.21	25.03
	150	-0.72	-1.58	0.56	96.86	-390.19	-28.17
610	148	-0.72	-1.67	-0.88	-24.69	-148.65	-70.16
	152	-0.62	-0.11	-0.40	1.34	-141.47	-17.97
	153	-0.71	-0.12	-3.49e-002	52.91	-250.71	-24.62
	149	-0.81	-1.68	-0.51	17.44	-232.70	-76.81
611	147	1.21	4.89e-002	-0.17	-23.99	-25.01	-36.45
	151	1.19	-0.20	0.26	-48.40	-8.13	-12.59
	152	-0.63	-0.32	-0.41	-15.09	-92.46	-25.68
	148	-0.62	-6.95e-002	-0.84	-15.48	-44.84	-49.54
612	107	-0.18	-5.06	0.39	-374.30	-286.01	-59.32
	150	0.14	-5.32e-002	0.81	64.06	-675.27	57.15
	114	-4.08e-003	-6.28e-002	2.97	269.91	-199.07	446.08
	46	-0.33	-5.07	2.54	-392.67	-1526.45	329.61
613	106	-0.15	-3.02	3.86e-002	-128.27	-250.10	-18.19
	149	-5.74e-002	-1.54	0.37	-50.83	-318.17	-55.01
	150	4.85e-002	-1.53	0.54	-9.87	-477.39	-41.72
	107	-4.79e-002	-3.01	0.21	-277.13	-597.47	-4.90
614	105	-3.59e-002	-3.17	-0.24	7.78	-69.35	-32.32
	148	6.51e-002	-1.62	-0.75	-24.85	-107.90	-62.45
	149	-6.32e-002	-1.63	-0.50	-19.88	-277.75	-62.16
	106	-0.16	-3.18	7.51e-003	-85.82	-319.13	-32.03
615	3	-2.14	-5.31	-2.29	150.99	247.91	3.04
	147	-1.80	-0.15	-2.60	-85.54	9.17	4.12

	148	0.17	-1.85e-002	-0.72	-8.33	-40.40	-42.91
	105	-0.17	-5.18	-0.41	46.55	-155.42	-43.99
616	146	0.17	-0.64	-0.91	-50.57	-865.75	1.68
	107	-0.12	-5.06	0.17	-311.16	-270.43	97.33
	46	-0.33	-5.07	-2.37	-513.56	-1579.04	-263.28
	119	-4.24e-002	-0.65	-3.45	361.38	-303.55	-358.93
617	145	-2.07e-002	-2.25	-0.32	-76.17	-350.68	57.80
	106	-7.02e-002	-3.02	6.33e-002	-103.69	-267.40	7.57
	107	1.73e-002	-3.01	-7.66e-004	-229.07	-601.32	30.58
	146	6.68e-002	-2.25	-0.38	-120.83	-547.90	80.81
618	144	6.82e-002	-2.21	0.88	-23.27	-122.62	19.02
	105	6.10e-003	-3.17	0.37	22.67	-77.72	-11.10
	106	-8.06e-002	-3.18	3.22e-002	-83.93	-317.36	5.38
	145	-1.85e-002	-2.22	0.54	-24.98	-299.33	35.50
619	143	-1.82	-0.70	2.94	-56.52	25.92	-44.10
	3	-2.12	-5.31	2.01	161.80	251.36	-54.34
	105	-0.12	-5.18	0.21	40.43	-154.17	-4.80
	144	0.18	-0.57	1.15	7.36	-28.38	5.44
620	142	-0.29	-0.57	-0.19	162.32	-569.62	65.19
	146	-0.30	-0.67	-1.02	4.15	-755.05	-20.53
	119	-4.24e-002	-0.65	-0.86	-31.72	-206.29	-89.99
	118	-3.61e-002	-0.56	-3.20e-002	22.62	-261.11	-4.27
621	141	-0.27	-1.27	-6.54e-003	24.17	-402.10	4.89
	145	-0.34	-2.27	-0.34	-15.04	-405.40	72.13
	146	-0.40	-2.28	-0.49	92.73	-483.23	88.19
	142	-0.34	-1.28	-0.16	85.66	-511.44	20.95
622	140	-0.53	-0.99	0.48	-49.94	-137.97	-2.38
	144	-0.61	-2.26	0.97	-42.38	-151.33	32.61
	145	-0.34	-2.24	0.51	-22.27	-281.76	45.32
	141	-0.26	-0.97	1.81e-002	4.37	-315.25	10.33
623	139	1.72	-0.32	-0.32	-64.26	9.74	-2.81
	143	1.71	-0.47	0.44	-39.95	-10.22	4.50
	144	-0.50	-0.61	1.24	-29.41	-30.53	13.80
	140	-0.49	-0.46	0.48	-61.58	-69.81	6.50
624	138	-0.20	-0.74	1.44	-10.14	-809.56	50.27
	142	-0.19	-0.57	0.22	169.25	-579.69	-34.87
	118	-3.61e-002	-0.56	8.17e-002	39.05	-264.77	66.78
	117	-4.72e-002	-0.73	1.30	-51.08	-223.33	151.92
625	137	-0.26	-2.51	0.53	-35.51	-412.83	-79.85
	141	-0.18	-1.27	5.25e-002	25.03	-405.25	-8.03
	142	-0.24	-1.27	0.25	79.95	-515.82	-7.90
	138	-0.32	-2.51	0.73	89.73	-511.76	-79.72
626	136	-0.61	-2.41	-0.99	-53.87	-146.01	-39.27
	140	-0.51	-0.99	-0.44	-51.97	-136.96	-6.24
	141	-0.16	-0.97	7.72e-002	-1.32	-317.39	-19.39
	137	-0.25	-2.39	-0.48	-36.40	-288.64	-52.42
627	135	1.75	-0.51	-0.47	-43.77	-7.43	-5.57
	139	1.76	-0.32	0.40	-65.20	10.92	-0.55
	140	-0.48	-0.46	-0.43	-64.19	-70.04	-13.83
	136	-0.49	-0.65	-1.30	-37.73	-26.25	-18.85
628	110	-7.61e-002	-5.63	-0.40	-386.84	-358.99	-95.83
	138	0.24	-0.71	1.26	-54.90	-948.10	20.95
	117	-4.72e-002	-0.73	4.28	397.80	-332.51	435.71
	47	-0.37	-5.65	2.61	-571.85	-1703.65	318.94
629	109	1.43e-002	-3.36	-6.82e-002	-151.99	-279.79	-8.03
	137	7.13e-002	-2.49	0.51	-101.52	-357.98	-60.33
	138	0.13	-2.48	0.56	-155.15	-588.19	-82.36

	110	7.17e-002	-3.36	-2.44e-002	-277.86	-640.58	-30.07
630	108	4.67e-003	-3.45	-0.43	7.62	-81.72	17.49
	136	7.49e-002	-2.36	-0.97	-35.59	-114.71	-25.44
	137	7.93e-002	-2.36	-0.50	-49.84	-310.65	-42.55
	109	9.06e-003	-3.44	3.60e-002	-121.95	-316.73	0.37
631	4	-2.10	-5.58	-1.97	162.15	248.16	59.51
	135	-1.79	-0.74	-3.04	-57.58	30.67	43.06
	136	0.19	-0.61	-1.28	-6.23	-23.43	-9.12
	108	-0.13	-5.45	-0.21	37.94	-136.01	7.33
632	134	0.21	0.27	-0.56	209.16	-567.24	-38.47
	110	-0.18	-5.64	-0.69	-486.60	-407.86	86.83
	47	-0.37	-5.65	-2.70	-346.37	-1600.68	-326.83
	122	1.69e-002	0.26	-2.57	216.22	-182.82	-452.13
633	133	0.11	-1.19	-0.32	-17.08	-337.05	68.33
	109	-3.09e-002	-3.37	-7.27e-002	-172.91	-241.77	40.90
	110	-2.93e-002	-3.37	-0.31	-398.85	-657.20	11.99
	134	0.11	-1.19	-0.55	131.76	-435.07	39.41
634	132	1.11e-002	-1.31	0.56	-45.53	-102.89	89.17
	108	-0.13	-3.45	0.14	3.87	-62.19	53.72
	109	-3.61e-002	-3.45	3.15e-002	-115.95	-329.88	54.10
	133	0.10	-1.31	0.46	-11.58	-286.69	89.55
635	131	-1.55	0.25	2.50	-124.70	3.95	20.57
	4	-1.93	-5.57	2.51	176.28	258.59	14.10
	108	-0.26	-5.46	0.35	52.23	-148.91	63.91
	132	0.12	0.36	0.35	-41.71	-61.62	70.38
636	130	-0.66	-7.23e-002	-3.98e-002	86.81	-231.22	5.69
	134	-0.64	0.22	-0.41	84.93	-365.30	-110.14
	122	1.69e-002	0.26	-0.64	-13.69	-100.80	-175.03
	121	-1.93e-003	-2.97e-002	-0.28	29.83	-47.34	-59.20
637	129	-0.85	8.72e-002	5.18e-002	105.20	-258.31	34.35
	133	-0.93	-1.26	-0.31	15.88	-338.81	73.54
	134	-0.73	-1.25	-0.40	90.78	-365.27	10.58
	130	-0.65	0.10	-4.27e-002	90.92	-260.87	-28.61
638	128	-0.56	0.23	0.16	29.85	-141.22	26.98
	132	-0.67	-1.36	0.58	-23.17	-157.94	90.95
	133	-0.94	-1.38	0.47	26.41	-225.21	91.07
	129	-0.84	0.21	4.80e-002	71.77	-235.88	27.10
639	127	0.87	-7.78e-002	-0.12	-51.05	-16.27	22.24
	131	0.90	0.41	6.41e-002	-8.16	-27.79	57.51
	132	-0.56	0.31	0.36	-19.06	-63.72	67.50
	128	-0.59	-0.17	0.18	8.03	-104.66	32.23
640	126	-0.98	7.74e-002	-0.43	101.91	-317.13	93.23
	130	-9.95e-001	-9.43e-002	-5.11e-002	84.29	-220.00	-27.55
	121	-1.93e-003	-2.97e-002	-2.20e-002	21.99	-44.24	13.25
	120	9.22e-003	0.14	-0.40	-0.50	-63.47	134.03
641	125	-1.24	-0.98	4.20e-002	57.01	-286.07	-46.00
	129	-1.17	6.63e-002	-4.97e-002	97.44	-246.83	-14.70
	130	-0.98	7.83e-002	-5.40e-002	87.74	-254.56	19.34
	126	-1.05	-0.97	3.77e-002	114.36	-313.04	-11.96
642	124	-0.64	-1.36	-0.14	12.18	-147.16	-59.67
	128	-0.54	0.23	0.11	28.04	-140.44	4.32
	129	-1.16	0.19	-5.35e-002	74.06	-234.17	2.07
	125	-1.26	-1.40	-0.30	57.16	-223.20	-61.91
643	123	1.26	0.48	3.63e-003	-2.43	-25.72	-40.03
	127	1.23	-5.44e-002	0.12	-40.74	-18.53	4.24
	128	-0.57	-0.17	0.13	10.58	-104.45	-0.27
	124	-0.53	0.36	1.15e-002	7.60	-82.13	-44.54

644	113	-0.88	-6.20	1.73	-193.35	-448.88	32.11
	126	-0.47	0.11	3.01e-002	171.85	-458.78	23.29
	120	9.22e-003	0.14	0.78	181.65	-154.63	378.96
	48	-0.40	-6.17	2.47	-248.07	-1227.93	387.78
645	112	-0.67	-4.58	0.14	-32.49	-256.99	-70.98
	125	-0.44	-0.93	-8.18e-002	49.69	-290.29	-58.95
	126	-0.54	-0.94	0.50	111.53	-364.14	-10.10
	113	-0.78	-4.59	0.72	-99.34	-555.45	-22.13
646	111	-0.31	-4.45	0.11	12.02	-92.65	-85.25
	124	-0.10	-1.33	8.06e-002	16.82	-116.78	-67.47
	125	-0.46	-1.35	-0.43	41.45	-254.73	-67.12
	112	-0.67	-4.47	-0.40	-5.61	-283.23	-84.90
647	5	-0.88	-5.32	-2.75	137.09	143.50	-35.21
	123	-0.51	0.36	-2.71	-80.26	-6.80	-27.27
	124	8.59e-003	0.39	0.23	9.96	-79.12	-59.44
	111	-0.36	-5.29	0.19	37.58	-121.98	-67.38

SFORZI "Peso Proprio" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	-33.77	762.43	12.52	7385.71	-5493.51	44552.91
	509	633.77	827.61	-12.52	-7385.71	175.16	-58400.29
2	255	-919.47	675.70	-7.99	-6624.26	-2139.58	48186.60
	196	499.47	524.30	7.99	6624.26	4678.15	-24124.56
3	487	-151.02	1476.97	-5.43	-3339.02	1388.47	136018.55
	509	151.02	1397.40	5.43	3339.02	1585.74	-114235.79
4	509	2676.92	-1085.81	-649.19	1896.04	30620.87	-42625.16
	495	-2196.92	1085.81	649.19	-1896.04	47282.13	-87672.21
5	195	5672.39	-945.42	-353.78	1038.13	28583.43	-76806.63
	509	-5072.39	945.42	353.78	-1038.13	24483.08	-65006.11
6	403	587.00	-0.67	4.73	103.45	-160.73	-187.71
	413	-447.00	0.67	-4.73	-103.45	-4.85	164.42
7	393	1280.05	-19.39	6.52	141.01	-403.02	-387.15
	403	-1140.05	19.39	-6.52	-141.01	174.92	-291.38
8	190	2678.80	-72.89	9.52	152.06	-778.37	-4558.51
	393	-2538.80	72.89	-9.52	-152.06	445.05	2007.40
9	353	1681.24	-18.97	-537.10	-1175.07	-23792.07	813.46
	363	-1541.24	18.97	537.10	1175.07	42590.46	-1477.42
10	343	1930.31	-35.18	-418.25	-813.68	1081.09	-581.29
	353	-1790.31	35.18	418.25	813.68	13557.54	-650.10
11	187	3120.58	-44.03	-470.09	-817.63	27751.82	-80.47
	343	-2980.58	44.03	470.09	817.63	-11298.75	-1460.67
12	323	587.87	6.55	4.23	-87.17	-146.43	-189.81
	333	-447.87	-6.55	-4.23	87.17	-1.73	419.01
13	313	1294.92	2.83	5.98	-123.10	-373.49	90.71
	323	-1154.92	-2.83	-5.98	123.10	164.27	8.32
14	181	2741.61	-19.38	8.78	-136.66	-721.31	-2158.36
	313	-2601.61	19.38	-8.78	136.66	414.06	1479.92
15	277	1597.94	41.41	-444.29	1360.86	-19123.46	-1484.54
	283	-1457.94	-41.41	444.29	-1360.86	34673.51	2933.73
16	271	1718.59	40.01	-349.11	1095.39	819.34	-61.63
	277	-1578.59	-40.01	349.11	-1095.39	11399.67	1462.10
17	176	2606.35	10.22	-390.65	1049.97	22126.00	-1996.08

	271	-2466.35	-10.22	390.65	-1049.97	-8453.30	2353.66
18	272	3236.96	-550.99	-291.04	-943.12	-17396.67	17464.78
	278	-3096.96	550.99	291.04	943.12	27583.09	-36749.55
19	266	3062.67	-588.98	-234.08	203.03	-6489.44	-3382.17
	272	-2922.67	588.98	234.08	-203.03	14682.32	-17232.09
20	175	3398.03	-924.59	-221.29	725.75	3915.23	-45152.12
	266	-3258.03	924.59	221.29	-725.75	3829.95	12791.34
21	508	-149.23	519.45	9.29	-1085.80	-1251.18	25653.25
	278	149.23	605.55	-9.29	1085.80	-1534.47	-38568.09
22	506	750.24	966.77	-4.48	85.08	878.07	52812.59
	500	74.76	933.23	4.48	-85.08	978.90	-45866.78
23	167	539.90	584.44	1.49	586.63	-320.69	17767.39
	506	-14.90	765.56	-1.49	-586.63	-111.65	-44001.89
24	507	-166.58	638.75	-3.77	177.58	532.92	44309.48
	508	166.58	486.25	3.77	-177.58	597.83	-21434.41
25	506	285.42	731.12	5.33	1434.33	-1253.37	38394.93
	507	-285.42	881.38	-5.33	-1434.33	-1037.65	-70699.42
26	505	269.20	797.78	-5.22	-1054.84	1100.45	61519.48
	506	-269.20	664.72	5.22	1054.84	933.87	-35571.84
27	504	496.35	705.42	9.09	877.20	-2515.77	31080.65
	505	-496.35	907.08	-9.09	-877.20	-1393.09	-74435.71
28	504	624.87	769.99	-21.95	783.08	4001.00	46048.69
	498	35.13	750.01	21.95	-783.08	5092.99	-41911.69
29	161	385.97	464.52	-25.37	-684.89	5550.81	13563.10
	504	34.03	615.48	25.37	684.89	1799.29	-35428.21
30	499	247.30	877.82	12.81	-2476.04	-2298.68	65710.19
	498	-247.30	734.68	-12.81	2476.04	-3211.73	-34936.28
31	500	186.62	693.36	-11.52	2522.07	2210.42	42300.46
	499	-186.62	769.14	11.52	-2522.07	2281.52	-57076.87
32	501	210.03	843.76	10.44	-1673.56	-1478.45	61765.81
	500	-210.03	768.74	-10.44	1673.56	-3009.30	-45638.31
33	502	71.97	498.76	6.59	526.83	-1567.12	23261.83
	501	-71.97	626.24	-6.59	-526.83	-409.93	-42385.18
34	503	79.23	656.00	2.54	128.96	-1471.74	51855.80
	502	-79.23	469.00	-2.54	-128.96	708.99	-23805.28
35	496	310.31	849.76	-12.38	1110.47	3758.05	32486.56
	503	-310.31	1062.74	12.38	-1110.47	2555.11	-86794.49
36	160	2666.54	-84.23	-492.93	3391.27	21566.15	899.45
	504	-2246.54	84.23	492.93	-3391.27	30191.58	-9743.28
37	163	2124.86	14.31	227.15	-292.64	-10934.34	3434.23
	505	-1704.86	-14.31	-227.15	292.64	-12916.23	-1932.04
38	166	3709.53	-22.31	-22.19	203.13	285.00	3979.42
	506	-3289.53	22.31	22.19	-203.13	2045.13	-6321.54
39	169	1940.13	9.10	452.00	-504.73	-21070.11	2211.95
	507	-1520.13	-9.10	-452.00	504.73	-26389.94	-1256.75
40	172	1425.70	-13.05	-17.35	-653.34	-2397.31	-107.37
	508	-1005.70	13.05	17.35	653.34	4218.84	-1263.37
41	159	2516.63	253.68	-225.35	1147.98	28654.76	29058.76
	498	-1436.63	-253.68	225.35	-1147.98	32189.54	39435.66
42	162	2726.96	24.33	60.68	-17.16	-7751.37	1571.72
	499	-1646.96	-24.33	-60.68	17.16	-8633.32	4998.11

43	165	3427.90	281.17	-18.93	65.14	2241.92	34244.15
	500	-2347.90	-281.17	18.93	-65.14	2869.93	41671.14
44	168	2550.00	3.85	138.06	-1888.37	-17895.68	-1161.84
	501	-1470.00	-3.85	-138.06	1888.37	-19380.63	2200.39
45	171	2047.75	4.05	-7.26	-858.13	1416.85	1490.74
	502	-967.75	-4.05	7.26	858.13	543.45	-397.86
46	174	2798.74	14.92	-231.08	1083.37	27453.13	3047.22
	503	-1718.74	-14.92	231.08	-1083.37	34938.69	981.51
47	177	3882.41	202.90	541.87	-737.29	-58436.95	23000.63
	496	-2802.41	-202.90	-541.87	737.29	-87869.17	31781.30
48	178	3200.87	-66.10	77.82	931.87	-5145.39	-7936.05
	497	-2120.87	66.10	-77.82	-931.87	-15866.95	-9911.07
49	278	743.09	1571.61	2.10	-2018.60	-534.95	175666.09
	496	-0.59	1290.41	-2.10	2018.60	-841.99	-83283.44
50	497	19.64	1291.27	27.49	-10107.19	-6259.42	93025.87
	496	-19.64	703.73	-27.49	10107.19	-4187.23	18604.90
51	478	-46.46	587.90	-50.33	5759.76	6398.43	50484.63
	497	46.46	829.60	50.33	-5759.76	7191.29	-83114.80
52	173	263.40	788.13	-6.83	-3062.70	2013.36	46257.89
	278	209.10	1028.11	6.83	3062.70	836.68	-96299.00
53	283	823.78	1067.69	-2.58	2438.99	342.13	95075.30
	478	-163.78	972.31	2.58	-2438.99	1042.96	-69514.78
54	173	-96.13	492.71	-9.23	-1620.50	2622.47	15610.78
	283	516.13	707.29	9.23	1620.50	312.09	-49713.61
55	483	1001.27	2283.61	-8.71	1939.70	2410.75	304567.52
	484	-1001.27	1904.93	8.71	-1939.70	4537.80	-153511.00
56	482	274.85	1293.90	3.10	555.36	-214.88	115505.67
	483	-274.85	1595.06	-3.10	-555.36	-1492.81	-198367.59
57	481	380.74	1661.31	-1.26	704.55	766.78	167461.53
	482	-380.74	1541.19	1.26	-704.55	-0.47	-130827.81
58	480	210.94	1447.80	8.75	-3777.78	-2840.72	146249.89
	481	-210.94	1439.73	-8.75	3777.78	-1974.22	-144031.54
59	479	305.87	1712.91	-11.07	2969.98	3571.48	181195.35
	480	-305.87	1647.09	11.07	-2969.98	3510.57	-160135.63
60	478	213.42	1327.89	16.26	-3874.53	-5254.33	88837.87
	479	-213.42	1612.11	-16.26	3874.53	-3851.30	-168417.51
61	363	787.65	1081.18	2.86	-674.70	-404.24	99174.35
	480	-127.65	958.82	-2.86	674.70	-1129.57	-66380.98
62	186	-312.91	577.62	8.45	1592.71	-2390.57	35634.05
	363	732.91	622.38	-8.45	-1592.71	-296.43	-42746.68
63	473	783.39	928.03	28.00	-13212.45	-1943.67	63097.13
	484	-123.39	942.00	-28.00	13212.45	-11937.56	-66560.86
64	255	778.97	935.25	-13.58	4058.13	2318.44	67108.88
	483	-118.97	1024.85	13.58	-4058.13	4703.99	-90273.45
65	492	447.50	529.73	78.39	340.61	-11925.57	18662.55
	489	-447.50	670.27	-78.39	-340.61	-11591.63	-39742.16
66	494	506.67	1190.02	-23.86	-3634.95	6561.40	75628.00
	492	-506.67	1534.98	23.86	3634.95	6441.79	-169627.23
67	492	647.85	777.33	-12.38	16248.64	3578.61	42301.44
	495	-647.85	812.71	12.38	-16248.64	1342.64	-49334.16
68	491	1210.53	1903.21	-5.94	-3683.42	2829.80	189774.92

	492	-1210.53	2109.31	5.94	3683.42	1933.62	-272470.85
69	490	30.59	632.56	22.85	4696.58	-3097.19	25015.93
	491	-30.59	557.48	-22.85	-4696.58	-3701.76	-13847.54
70	489	1691.89	2087.69	-8.12	799.41	2738.16	268194.99
	490	-1691.89	1912.31	8.12	-799.41	3761.65	-198045.15
71	488	801.64	1221.62	-29.85	-2353.39	8648.10	87675.30
	489	-801.64	1503.38	29.85	2353.39	7621.12	-164453.90
72	494	56.51	679.60	69.74	-2361.01	-11287.48	42949.96
	488	-56.51	520.40	-69.74	2361.01	-9634.82	-19069.24
73	493	139.60	678.94	-16.43	1748.32	1858.76	21301.87
	494	-139.60	911.07	16.43	-1748.32	4672.92	-67438.52
74	493	1094.12	1353.29	-1.28	-2153.25	147.77	95146.76
	495	-1094.12	1384.21	1.28	2153.25	553.40	-103610.26
75	473	3204.87	-1668.78	22.27	664.46	20580.44	-72816.88
	490	-2544.87	1668.78	-22.27	-664.46	-24255.10	-202531.35
76	382	4664.69	439.28	-374.90	-3383.27	-24813.53	-41104.81
	473	-4524.69	-439.28	374.90	3383.27	37935.13	56479.65
77	293	4945.03	583.87	-297.59	-4019.46	-11688.14	-13270.79
	382	-4805.03	-583.87	297.59	4019.46	22103.94	33706.40
78	200	5635.02	543.29	-267.24	-4627.74	389.35	15643.17
	293	-5495.02	-543.29	267.24	4627.74	8964.22	3372.10
79	255	4921.33	968.63	425.77	-1232.35	-27356.95	56423.95
	489	-4261.33	-968.63	-425.77	1232.35	-42894.97	103400.49
80	245	4811.52	-323.44	-415.42	1791.46	-21204.48	17876.61
	255	-4671.52	323.44	415.42	-1791.46	35744.24	-29196.96
81	235	4630.44	-277.68	-303.37	1560.82	-3554.76	-580.41
	245	-4490.44	277.68	303.37	-1560.82	14172.65	-9138.49
82	197	6525.12	-294.97	-312.47	1467.33	14095.90	-11306.12
	235	-6385.12	294.97	312.47	-1467.33	-3159.41	982.19
83	443	2402.02	871.38	86.37	-986.71	2465.60	53742.20
	488	-1742.02	-871.38	-86.37	986.71	-16715.85	90036.31
84	433	1975.10	-388.04	32.07	-663.71	492.81	19852.85
	443	-1835.10	388.04	-32.07	663.71	-1615.39	-33434.16
85	423	2345.46	-311.43	28.70	-563.26	-1446.43	-905.52
	433	-2205.46	311.43	-28.70	563.26	442.00	-9994.58
86	193	3885.15	-281.70	41.02	-517.10	-3824.71	-8194.05
	423	-3745.15	281.70	-41.02	517.10	2389.00	-1665.51
87	201	3540.69	-1233.65	-32.56	-871.96	-820.72	-147903.55
	491	-2460.69	1233.65	32.56	871.96	9611.92	-185182.48
88	196	6031.35	617.17	178.72	28.45	-25411.51	79447.32
	492	-4951.35	-617.17	-178.72	-28.45	-22842.98	87189.15
89	192	3860.70	420.50	106.95	-53.16	-8022.88	42016.81
	494	-2780.70	-420.50	-106.95	53.16	-20853.61	71518.67
90	487	2512.23	1110.55	-138.32	2006.53	-6856.29	36370.77
	493	-2032.23	-1110.55	138.32	-2006.53	23455.12	96895.08
91	185	6090.04	-203.67	-128.14	1450.22	8354.82	-10934.30
	487	-5490.04	203.67	128.14	-1450.22	10865.73	-19616.38
92	486	1163.20	1701.66	4.75	670.42	-955.31	180513.66
	487	-1163.20	1500.84	-4.75	-670.42	-1944.78	-119264.17
93	485	899.90	1297.23	-5.22e-002	3621.01	-73.86	78586.59
	486	-899.90	1590.30	5.22e-002	-3621.01	102.54	-159182.98

94	186	809.03	812.73	0.57	-7697.18	3079.87	52114.48
	485	-209.03	787.28	-0.57	7697.18	-3322.94	-46678.04
95	183	2560.99	899.32	-476.19	-482.58	28013.65	64669.85
	485	-1960.99	-899.32	476.19	482.58	43414.28	70228.38
96	184	3891.96	263.31	-0.72	-852.77	-2119.60	18180.73
	486	-3291.96	-263.31	0.72	852.77	2227.00	21315.86
97	179	3870.48	257.30	388.53	1385.65	-45022.37	33758.86
	478	-2790.48	-257.30	-388.53	-1385.65	-59880.49	35711.63
98	182	4405.01	92.45	27.33	-279.83	-533.45	12183.37
	479	-3325.01	-92.45	-27.33	279.83	-6844.51	12777.84
99	188	5047.86	-92.04	397.74	-197.19	-47091.23	-11969.65
	480	-3967.86	92.04	-397.74	197.19	-60298.03	-12880.45
100	191	4181.04	169.76	9.05	-1207.43	1383.64	22421.76
	481	-3101.04	-169.76	-9.05	1207.43	-3827.60	23414.30
101	194	3915.09	-105.93	4.38	-215.34	2340.51	-13202.60
	482	-2835.09	105.93	-4.38	215.34	-3523.85	-15398.23
102	198	6971.97	707.75	470.94	4080.98	-33273.75	91217.55
	483	-4811.97	-707.75	-470.94	-4080.98	-93878.93	99874.19
103	199	3832.17	-974.92	393.06	-2321.91	-45747.82	-125909.97
	484	-2752.17	974.92	-393.06	2321.91	-60379.54	-137319.16
179	472	-917.83	-1.21	-13.45	-196.35	6.00	196.15
	473	917.83	27.88	13.45	196.35	711.25	-971.96
180	467	-262.29	14.52	-0.39	-65.41	-44.47	140.04
	472	262.29	12.14	0.39	65.41	65.31	-76.57
181	466	69.87	14.03	0.15	-36.19	-25.51	127.70
	467	-69.87	12.63	-0.15	36.19	17.56	-90.33
182	471	-1.14e-013	-13.71	0.00	39.61	-9.09e-013	-523.23
	200	1.14e-013	40.38	0.00	-39.61	-9.09e-013	-919.29
183	470	-5.68e-014	6.20	0.00	24.12	0.00	-85.55
	471	5.68e-014	20.47	0.00	-24.12	0.00	-294.89
184	229	2.84e-014	5.40	-2.84e-014	-7.86	0.00	-93.24
	470	-2.84e-014	21.27	2.84e-014	7.86	0.00	-330.08
185	469	2.84e-014	6.38	-5.68e-014	-20.62	0.00	-95.30
	229	-2.84e-014	20.29	5.68e-014	20.62	0.00	-275.71
186	468	8.53e-014	7.84	-2.84e-014	-24.90	0.00	-63.39
	469	-8.53e-014	18.83	2.84e-014	24.90	0.00	-229.69
187	228	2.84e-014	9.37	5.68e-014	-26.28	-1.82e-012	-34.04
	468	-2.84e-014	17.30	-5.68e-014	26.28	-1.82e-012	-177.34
188	465	270.25	13.86	5.32e-003	-28.55	-11.00	93.28
	466	-270.25	12.81	-5.32e-003	28.55	10.72	-65.42
189	464	424.38	13.62	-2.83e-002	-26.95	-4.37	83.75
	465	-424.38	13.04	2.83e-002	26.95	5.88	-68.32
190	459	541.28	13.57	-2.07e-002	-26.76	-1.67	70.47
	464	-541.28	13.09	2.07e-002	26.76	2.77	-57.74
191	458	620.64	13.47	-1.07e-002	-26.80	-0.63	62.48
	459	-620.64	13.20	1.07e-002	26.80	1.20	-55.18
192	457	662.38	13.39	-5.40e-003	-26.85	-0.22	56.54
	458	-662.38	13.28	5.40e-003	26.85	0.51	-53.63
193	456	666.54	13.30	-5.08e-003	-26.83	1.47e-002	54.19
	457	-666.54	13.37	5.08e-003	26.83	0.26	-55.97
194	463	-1.14e-013	10.88	-2.84e-014	-26.72	0.00	0.84

	228	1.14e-013	15.78	2.84e-014	26.72	0.00	-131.56
195	462	2.84e-014	12.41	-5.68e-014	-26.88	0.00	37.73
	463	-2.84e-014	14.26	5.68e-014	26.88	0.00	-87.24
196	227	-8.53e-014	13.93	-2.84e-014	-26.97	0.00	78.45
	462	8.53e-014	12.74	2.84e-014	26.97	0.00	-46.65
197	461	5.68e-014	15.44	0.00	-27.14	9.09e-013	120.46
	227	-5.68e-014	11.23	0.00	27.14	9.09e-013	-8.28
198	460	2.84e-014	16.99	0.00	-27.61	-9.09e-013	169.72
	461	-2.84e-014	9.68	0.00	27.61	-9.09e-013	25.17
199	226	-8.53e-014	18.35	2.84e-014	-28.96	0.00	208.50
	460	8.53e-014	8.32	-2.84e-014	28.96	0.00	58.94
200	453	633.10	13.21	-1.38e-002	-26.68	0.53	53.85
	456	-633.10	13.46	1.38e-002	26.68	0.20	-60.46
201	452	562.05	13.12	-5.07e-002	-26.09	2.50	58.42
	453	-562.05	13.54	5.07e-002	26.09	0.20	-69.69
202	451	453.06	13.02	-0.18	-24.01	9.97	60.19
	452	-453.06	13.65	0.18	24.01	-0.12	-76.88
203	450	297.53	12.79	-0.62	-16.73	35.16	71.81
	451	-297.53	13.88	0.62	16.73	-2.31	-101.00
204	449	46.28	12.53	-1.43	10.60	94.04	81.70
	450	-46.28	14.14	1.43	-10.60	-17.73	-124.46
205	255	-281.50	12.22	5.61	163.19	-190.82	301.63
	449	281.50	14.44	-5.61	-163.19	-108.37	-360.81
206	455	-8.53e-014	19.72	2.84e-014	-32.56	0.00	273.01
	226	8.53e-014	6.95	-2.84e-014	32.56	0.00	67.68
207	454	-8.53e-014	20.45	2.84e-014	-37.14	0.00	272.41
	455	8.53e-014	6.21	-2.84e-014	37.14	0.00	107.27
208	197	-5.68e-014	45.35	0.00	34.84	0.00	1049.88
	454	5.68e-014	-18.69	0.00	-34.84	0.00	657.83
209	254	310.29	38.52	-3.54	-191.36	153.23	659.46
	255	-310.29	-11.27	3.54	191.36	39.84	697.38
210	253	220.51	13.52	2.09	-27.41	34.50	116.00
	254	-220.51	13.73	-2.09	27.41	-148.56	-121.83
211	252	297.98	13.82	0.83	2.05	8.46	87.71
	253	-297.98	13.43	-0.83	-2.05	-53.73	-77.29
212	251	314.02	13.51	0.26	10.21	2.28	87.14
	252	-314.02	13.74	-0.26	-10.21	-16.51	-93.54
213	250	280.37	13.53	8.06e-002	12.64	0.35	86.64
	251	-280.37	13.72	-8.06e-002	-12.64	-4.75	-92.02
214	249	206.43	13.42	2.96e-002	13.35	-0.58	92.52
	250	-206.43	13.83	-2.96e-002	-13.35	-1.03	-103.95
215	248	93.77	13.26	2.19e-002	13.57	-1.82	91.32
	249	-93.77	13.99	-2.19e-002	-13.57	0.62	-110.94
216	247	-61.41	13.06	4.76e-002	13.79	-4.93	107.70
	248	61.41	14.19	-4.76e-002	-13.79	2.33	-138.54
217	246	-301.80	12.79	0.21	13.85	-16.31	103.07
	247	301.80	14.46	-0.21	-13.85	4.79	-148.31
218	443	-704.58	23.96	0.59	4.59	-36.34	674.89
	246	704.58	3.29	-0.59	-4.59	4.08	-111.39
219	448	-5.68e-014	-9.47	-2.84e-014	-63.78	0.00	-529.32
	197	5.68e-014	36.72	2.84e-014	63.78	0.00	-729.36

220	225	-5.68e-014	10.47	0.00	17.84	0.00	4.58
	448	5.68e-014	16.78	0.00	-17.84	0.00	-176.57
221	447	-5.68e-014	12.87	0.00	17.07	0.00	82.69
	225	5.68e-014	14.38	0.00	-17.07	0.00	-123.78
222	224	5.68e-014	14.39	2.84e-014	14.97	0.00	113.89
	447	-5.68e-014	12.86	-2.84e-014	-14.97	0.00	-72.03
223	446	2.84e-014	15.67	2.84e-014	14.12	0.00	154.06
	224	-2.84e-014	11.58	-2.84e-014	-14.12	0.00	-42.86
224	223	2.84e-014	17.21	-2.84e-014	13.74	1.36e-012	202.92
	446	-2.84e-014	10.04	2.84e-014	-13.74	1.36e-012	-7.46
225	445	2.84e-014	18.67	0.00	13.33	0.00	247.62
	223	-2.84e-014	8.58	0.00	-13.33	0.00	27.43
226	222	2.84e-014	20.02	0.00	12.28	0.00	307.36
	445	-2.84e-014	7.23	0.00	-12.28	0.00	41.08
227	444	2.84e-014	20.43	2.84e-014	8.85	0.00	309.70
	222	-2.84e-014	6.82	-2.84e-014	-8.85	0.00	61.31
228	193	2.84e-014	34.05	2.84e-014	-8.70	0.00	770.68
	444	-2.84e-014	-6.80	-2.84e-014	8.70	0.00	342.29
289	383	2.84e-014	1.31	0.00	17.30	-4.55e-013	-252.11
	193	-2.84e-014	29.19	0.00	-17.30	-4.55e-013	-598.00
290	221	2.84e-014	11.04	0.00	-5.28	0.00	21.88
	383	-2.84e-014	19.46	0.00	5.28	0.00	-278.90
291	442	-94.89	28.49	-1.36	4.46	-17.49	469.63
	443	94.89	2.01	1.36	-4.46	100.63	338.29
292	441	-54.97	15.48	-0.50	-9.50	-9.95	163.73
	442	54.97	15.02	0.50	9.50	40.21	-149.42
293	440	62.44	15.58	-0.14	-10.84	-4.00	145.48
	441	-62.44	14.92	0.14	10.84	12.33	-125.15
294	439	119.69	15.27	-4.47e-002	-11.29	-1.32	136.08
	440	-119.69	15.23	4.47e-002	11.29	4.05	-134.84
295	380	8.53e-014	12.95	0.00	-9.83	0.00	82.68
	221	-8.53e-014	17.55	0.00	9.83	0.00	-222.82
296	220	-8.53e-014	14.52	0.00	-11.16	0.00	118.66
	380	8.53e-014	15.98	0.00	11.16	0.00	-163.20
297	379	-8.53e-014	15.80	-1.42e-014	-11.52	0.00	158.99
	220	8.53e-014	14.70	1.42e-014	11.52	0.00	-125.32
298	219	-8.53e-014	17.23	0.00	-11.61	0.00	206.62
	379	8.53e-014	13.27	0.00	11.61	0.00	-86.09
299	438	124.10	15.21	-1.82e-002	-11.49	-0.24	132.60
	439	-124.10	15.29	1.82e-002	11.49	1.35	-134.97
300	437	79.20	15.09	-1.42e-002	-11.52	0.51	133.88
	438	-79.20	15.41	1.42e-002	11.52	0.36	-143.35
301	436	-14.25	14.97	-2.86e-002	-11.37	1.99	134.85
	437	14.25	15.53	2.86e-002	11.37	-0.24	-151.69
302	435	-158.03	14.68	-8.01e-002	-10.82	6.26	141.08
	436	158.03	15.82	8.01e-002	10.82	-1.37	-175.77
303	376	-8.53e-014	18.58	0.00	-11.58	4.55e-013	252.34
	219	8.53e-014	11.92	0.00	11.58	4.55e-013	-49.33
304	218	2.84e-014	20.02	0.00	-11.38	0.00	316.32
	376	-2.84e-014	10.48	0.00	11.38	0.00	-25.39
305	375	-8.53e-014	21.21	0.00	-10.60	2.27e-013	352.63

	218	8.53e-014	9.29	0.00	10.60	2.27e-013	10.93
306	190	-5.68e-014	29.32	0.00	-8.71	0.00	671.80
	375	5.68e-014	1.18	0.00	8.71	2.27e-013	186.47
307	434	-369.12	14.79	-0.22	-9.17	18.54	157.36
	435	369.12	15.71	0.22	9.17	-5.18	-185.18
308	413	-660.67	17.23	-0.50	-5.06	48.79	321.77
	434	660.67	13.27	0.50	5.06	-18.21	-201.15
309	412	-670.34	11.15	0.20	8.46e-002	15.29	169.48
	413	670.34	16.35	-0.20	-8.46e-002	-26.26	-312.75
310	411	-397.06	14.15	0.12	2.17	4.62	155.54
	412	397.06	13.35	-0.12	-2.17	-11.22	-133.35
311	372	-5.68e-014	-0.36	0.00	3.83	2.27e-013	-197.56
	190	5.68e-014	27.86	0.00	-3.83	0.00	-578.28
312	217	-5.68e-014	6.99	0.00	3.90	-2.27e-013	-44.64
	372	5.68e-014	20.51	0.00	-3.90	-2.27e-013	-327.19
313	371	-5.68e-014	7.97	0.00	4.12	-2.27e-013	-15.38
	217	5.68e-014	19.53	0.00	-4.12	-2.27e-013	-302.66
314	216	-5.68e-014	9.40	-7.11e-015	4.15	-2.27e-013	5.58
	371	5.68e-014	18.10	7.11e-015	-4.15	-2.27e-013	-244.90
315	410	-196.13	14.25	5.17e-002	3.44	1.45	146.71
	411	196.13	13.25	-5.17e-002	-3.44	-4.29	-119.33
316	409	-56.57	14.04	1.55e-002	3.97	0.67	125.61
	410	56.57	13.46	-1.55e-002	-3.97	-1.52	-109.87
317	408	40.53	13.93	-7.22e-003	4.27	9.98e-001	117.46
	409	-40.53	13.57	7.22e-003	-4.27	-0.60	-107.76
318	407	98.00	13.84	-4.67e-002	4.75	3.08	109.92
	408	-98.00	13.66	4.67e-002	-4.75	-0.51	-105.13
319	368	0.00	10.85	0.00	4.11	-1.14e-013	40.43
	216	0.00	16.65	0.00	-4.11	0.00	-199.90
320	215	-2.84e-014	12.37	-7.11e-015	3.96	-1.14e-013	77.43
	368	2.84e-014	15.13	7.11e-015	-3.96	-1.14e-013	-153.34
321	367	-2.84e-014	13.79	0.00	3.53	-1.14e-013	112.86
	215	2.84e-014	13.71	0.00	-3.53	-1.14e-013	-110.75
322	214	-2.84e-014	15.25	0.00	2.56	0.00	161.80
	367	2.84e-014	12.25	0.00	-2.56	0.00	-79.28
323	406	115.46	13.75	-0.17	6.20	10.75	105.22
	407	-115.46	13.75	0.17	-6.20	-1.14	-105.19
324	405	89.29	13.54	-0.62	11.38	37.28	102.26
	406	-89.29	13.96	0.62	-11.38	-3.03	-113.97
325	404	1.95	13.54	-1.81	34.68	111.81	111.87
	405	-1.95	13.96	1.81	-34.68	-12.27	-123.30
326	363	-114.59	11.10	4.35	217.72	-167.75	95.77
	404	114.59	16.40	-4.35	-217.72	-71.69	-241.46
327	364	0.00	16.58	-1.78e-015	5.76	0.00	189.59
	214	0.00	10.92	1.78e-015	-5.76	0.00	-34.12
328	187	-2.84e-014	26.90	0.00	125.53	-1.14e-013	510.67
	364	2.84e-014	0.60	0.00	-125.53	-5.68e-014	212.75
389	362	-74.28	18.25	-5.87	-187.20	64.04	278.73
	363	74.28	13.75	5.87	187.20	311.58	-135.02
390	361	112.46	16.45	1.14	-21.24	-3.91	163.46
	362	-112.46	15.55	-1.14	21.24	-69.13	-134.35

391	302	-2.84e-014	4.58	-8.88e-016	-99.07	-1.42e-014	-176.82
	187	2.84e-014	27.42	8.88e-016	99.07	-2.84e-014	-554.22
392	213	-5.68e-014	12.35	-8.88e-016	-1.08	-7.11e-015	37.05
	302	5.68e-014	19.65	8.88e-016	1.08	-4.26e-014	-270.34
393	301	-5.68e-014	13.81	-1.78e-015	-2.73	2.84e-014	82.92
	213	5.68e-014	18.19	1.78e-015	2.73	2.84e-014	-223.03
394	212	5.68e-014	15.23	-1.78e-015	-3.63	-5.68e-014	117.37
	301	-5.68e-014	16.77	1.78e-015	3.63	0.00	-166.80
395	360	245.71	16.37	0.45	-7.94	-3.06	152.04
	361	-245.71	15.63	-0.45	7.94	-25.65	-128.41
396	359	305.42	16.08	0.13	-4.81	-0.97	136.71
	360	-305.42	15.92	-0.13	4.81	-7.12	-131.69
397	358	309.94	15.94	3.10e-002	-4.10	-0.16	133.36
	359	-309.94	16.06	-3.10e-002	4.10	-1.83	-137.19
398	357	260.63	15.84	3.49e-003	-3.92	0.25	134.44
	358	-260.63	16.16	-3.49e-003	3.92	-0.47	-144.68
399	298	2.84e-014	16.54	1.78e-015	-3.86	-5.68e-014	160.53
	212	-2.84e-014	15.46	-1.78e-015	3.86	-5.68e-014	-125.95
400	211	2.84e-014	17.91	-3.55e-015	-3.90	2.27e-013	208.56
	298	-2.84e-014	14.09	3.55e-015	3.90	1.14e-013	-86.45
401	297	2.84e-014	19.23	3.55e-015	-3.90	1.14e-013	256.38
	211	-2.84e-014	12.77	-3.55e-015	3.90	2.27e-013	-49.90
402	210	5.68e-014	20.62	-3.55e-015	-3.87	-1.14e-013	321.47
	297	-5.68e-014	11.38	3.55e-015	3.87	0.00	-25.57
403	356	157.83	15.69	-1.24e-002	-3.79	1.00	135.32
	357	-157.83	16.31	1.24e-002	3.79	-0.21	-154.97
404	355	7.47e-002	15.40	-4.25e-002	-3.44	3.22	142.39
	356	-7.47e-002	16.60	4.25e-002	3.44	-0.50	-180.85
405	354	-229.34	15.53	-0.11	-2.40	9.37	160.12
	355	229.34	16.47	0.11	2.40	-2.42	-190.27
406	333	-550.00	17.84	-0.20	-0.20	23.91	327.19
	354	550.00	14.16	0.20	0.20	-11.08	-209.62
407	294	2.84e-014	21.87	-3.55e-015	-3.67	-1.14e-013	365.10
	210	-2.84e-014	10.13	3.55e-015	3.67	0.00	10.34
408	181	0.00	28.77	-7.11e-015	-3.57	-2.27e-013	648.83
	294	0.00	3.23	7.11e-015	3.57	-2.27e-013	168.71
409	332	-572.68	11.52	0.47	4.54	19.84	169.49
	333	572.68	16.48	-0.47	-4.54	-46.30	-308.48
410	331	-291.53	14.43	0.21	8.23	6.55	152.53
	332	291.53	13.57	-0.21	-8.23	-18.18	-128.56
411	292	-2.84e-014	-0.60	-7.11e-015	8.00	0.00	-213.75
	181	2.84e-014	28.60	7.11e-015	-8.00	-2.27e-013	-604.04
412	209	2.84e-014	7.28	2.13e-014	9.72	-2.27e-013	-51.11
	292	-2.84e-014	20.72	-2.13e-014	-9.72	-2.27e-013	-325.23
413	291	-2.84e-014	8.27	0.00	10.49	0.00	-20.36
	209	2.84e-014	19.73	0.00	-10.49	0.00	-300.46
414	208	0.00	9.72	-1.42e-014	10.70	2.27e-013	0.55
	291	0.00	18.28	1.42e-014	-10.70	-2.27e-013	-240.48
415	330	-84.65	14.53	7.92e-002	9.85	2.05	143.45
	331	84.65	13.47	-7.92e-002	-9.85	-6.49	-114.03
416	329	59.31	14.29	2.87e-002	10.47	0.57	121.31

	330	-59.31	13.71	-2.87e-002	-10.47	-2.17	-104.89
417	328	159.55	14.18	9.12e-003	10.70	3.23e-002	112.94
	329	-159.55	13.82	-9.12e-003	-10.70	-0.54	-102.73
418	327	218.76	14.09	-7.33e-003	10.89	2.73e-002	104.89
	328	-218.76	13.91	7.33e-003	-10.89	0.38	-99.95
419	288	0.00	11.15	0.00	10.69	0.00	35.57
	208	0.00	16.85	0.00	-10.69	0.00	-195.33
420	207	-2.84e-014	12.65	0.00	10.48	0.00	72.60
	288	2.84e-014	15.35	0.00	-10.48	0.00	-148.12
421	287	-2.84e-014	14.05	0.00	9.71	0.00	108.30
	207	2.84e-014	13.95	0.00	-9.71	0.00	-105.62
422	206	0.00	15.56	0.00	7.42	4.55e-013	159.36
	287	0.00	12.44	0.00	-7.42	4.55e-013	-71.97
423	326	236.45	14.01	-6.20e-002	11.50	1.69	100.85
	327	-236.45	13.99	6.20e-002	-11.50	1.79	-100.43
424	325	209.79	13.80	-0.28	14.29	10.13	96.97
	326	-209.79	14.20	0.28	-14.29	5.39	-108.37
425	324	126.08	13.76	-0.73	29.09	29.95	105.67
	325	-126.08	14.24	0.73	-29.09	11.12	-119.08
426	283	26.58	10.06	5.81	164.30	-314.74	30.03
	324	-26.58	17.94	-5.81	-164.30	-10.78	-250.58
427	284	0.00	17.00	-1.42e-014	4.83	0.00	191.69
	206	0.00	11.00	1.42e-014	-4.83	0.00	-23.78
428	176	-2.84e-014	26.83	1.42e-014	86.24	0.00	513.02
	284	2.84e-014	1.17	-1.42e-014	-86.24	0.00	205.74
444	282	-28.49	16.51	-3.99	-185.98	49.23	226.11
	283	28.49	10.49	3.99	185.98	166.26	-63.36
445	281	4.31	13.53	1.18	-36.01	17.35	111.64
	282	-4.31	13.47	-1.18	36.01	-80.81	-110.00
446	280	10.72	13.39	-0.16	-8.87	37.21	110.17
	281	-10.72	13.61	0.16	8.87	-28.43	-115.86
447	279	-77.06	12.69	-1.27	22.23	94.97	84.44
	280	77.06	14.31	1.27	-22.23	-26.49	-128.02
448	278	-269.24	17.50	4.36	147.65	-117.44	435.83
	279	269.24	9.50	-4.36	-147.65	-117.96	-219.89
449	205	-2.84e-014	4.92	-1.42e-014	-108.99	4.55e-013	-111.20
	176	2.84e-014	22.08	1.42e-014	108.99	0.00	-352.05
450	204	0.00	13.20	0.00	-16.09	0.00	99.19
	205	0.00	13.80	0.00	16.09	0.00	-115.61
451	203	5.68e-014	14.85	0.00	-18.79	0.00	169.48
	204	-5.68e-014	12.15	0.00	18.79	0.00	-96.54
452	202	-5.68e-014	15.50	5.68e-014	-29.25	0.00	148.97
	203	5.68e-014	11.50	-5.68e-014	29.25	0.00	-40.90
453	175	0.00	40.04	2.84e-014	1.68	9.09e-013	1011.91
	202	0.00	-13.04	-2.84e-014	-1.68	-4.55e-013	421.50
454	101	8217.94	-650.46	-82.27	-79.73	13077.05	-120624.65
	201	-6777.94	650.46	82.27	79.73	16540.28	-113540.05
455	100	10488.87	-404.39	-110.32	-79.73	18279.12	-88904.47
	200	-9048.87	404.39	110.32	79.73	21436.04	-56677.28
456	99	8807.60	-593.18	114.55	-79.73	-23317.21	-110374.43
	199	-7367.60	593.18	-114.55	79.73	-17919.89	-103170.56

457	98	15970.48	371.94	304.57	-255.14	-47513.31	70383.78
	198	-13090.48	-371.94	-304.57	255.14	-62132.48	63514.98
458	97	13800.32	183.66	-26.16	-79.73	4373.96	40911.74
	197	-12360.32	-183.66	26.16	79.73	5043.90	25204.72
459	96	14734.00	256.61	14.81	-79.73	-3401.15	47562.19
	196	-13294.00	-256.61	-14.81	79.73	-1931.30	44816.93
460	95	10032.24	-220.48	-184.63	-79.73	31892.97	-41401.12
	195	-8592.24	220.48	184.63	79.73	34575.35	-37972.91
461	85	11574.52	20.86	-13.11	-79.73	3078.59	3891.38
	185	-10134.52	-20.86	13.11	79.73	1641.64	3618.43
462	92	9241.26	-2.08	-13.96	-79.73	837.29	-450.10
	192	-7801.26	2.08	13.96	79.73	4186.94	-300.43
463	93	8164.95	36.20	-19.17	-79.73	1829.30	2703.04
	193	-6724.95	-36.20	19.17	79.73	5070.69	10328.84
464	94	9187.13	-67.33	30.90	-79.73	-4617.37	-12420.77
	194	-7747.13	67.33	-30.90	79.73	-6506.10	-11816.61
465	91	9730.94	86.88	33.15	-79.73	-6617.73	15763.67
	191	-8290.94	-86.88	-33.15	79.73	-5316.89	15512.39
466	90	6325.76	53.64	-7.24	-79.73	1649.66	10838.78
	190	-4885.76	-53.64	7.24	79.73	955.96	8470.84
467	89	5732.72	96.15	10.06	-79.73	-2187.87	15654.88
	189	-4292.72	-96.15	-10.06	79.73	-1435.22	18960.60
468	84	9617.05	89.76	-29.14	-79.73	5884.11	14601.75
	184	-8177.05	-89.76	29.14	79.73	4604.76	17712.39
469	83	6622.16	284.43	-138.91	-79.73	26790.98	52514.64
	183	-5182.16	-284.43	138.91	79.73	23218.15	49881.66
470	86	8286.79	-61.22	87.60	-79.73	-16466.01	-10294.74
	186	-6846.79	61.22	-87.60	79.73	-15071.11	-11744.31
471	87	8470.60	-38.42	-106.59	-79.73	21300.88	-8739.14
	187	-7030.60	38.42	106.59	79.73	17071.55	-5093.85
472	88	11625.05	-49.98	128.63	-79.73	-24515.52	-8992.15
	188	-10185.05	49.98	-128.63	79.73	-21790.45	-9001.03
473	80	5908.32	66.49	1.97	-79.73	-1206.45	11315.24
	180	-4468.32	-66.49	-1.97	79.73	496.22	12620.51
474	81	6473.22	34.99	-9.26	-79.73	2443.73	7454.27
	181	-5033.22	-34.99	9.26	79.73	888.44	5140.71
475	82	10242.47	53.09	34.01	-79.73	-6138.33	9520.26
	182	-8802.47	-53.09	-34.01	79.73	-6105.86	9593.07
476	73	6585.18	110.91	-54.41	-79.73	6968.44	20628.67
	173	-5145.18	-110.91	54.41	79.73	12620.24	19298.10
477	76	7525.99	72.40	-64.48	-79.73	11139.24	16341.78
	176	-6085.99	-72.40	64.48	79.73	12073.12	9722.59
478	72	5884.78	-35.24	21.28	-79.73	-4553.61	-6459.15
	172	-4444.78	35.24	-21.28	79.73	-3107.66	-6228.78
479	79	8967.21	141.34	131.76	-79.73	-24464.29	25250.86
	179	-7527.21	-141.34	-131.76	79.73	-22967.77	25632.10
480	75	7795.37	-57.41	-10.87	-79.73	3182.83	-9549.69
	175	-6355.37	57.41	10.87	79.73	731.36	-11118.70
481	78	7185.61	-30.22	55.26	-79.73	-10912.40	-6168.60
	178	-5745.61	30.22	-55.26	79.73	-8981.70	-4710.84
482	70	4389.41	9.25	36.73	-79.73	-7120.64	2635.87

	170	-2949.41	-9.25	-36.73	79.73	-6101.43	695.74
483	69	4914.13	-12.71	52.94	-79.73	-10291.62	-1388.70
	169	-3474.13	12.71	-52.94	79.73	-8766.23	-3187.26
484	66	8211.34	-57.05	-14.64	-79.73	2844.91	-9103.23
	166	-6771.34	57.05	14.64	79.73	2423.93	-11433.87
485	67	5440.72	-92.41	-14.21	-79.73	2819.78	-13246.35
	167	-4000.72	92.41	14.21	79.73	2297.14	-20020.86
486	64	4614.97	-31.76	42.88	-79.73	-7894.13	-2785.13
	164	-3174.97	31.76	-42.88	79.73	-7540.92	-8647.34
487	63	5245.12	-17.48	20.88	-79.73	-5335.99	-1785.57
	163	-3805.12	17.48	-20.88	79.73	-2179.17	-4508.71
488	61	3791.02	-99.90	-162.10	-79.73	28858.91	-14646.05
	161	-2351.02	99.90	162.10	79.73	29496.18	-21318.33
489	60	6162.13	-53.82	-114.04	-79.73	22201.85	-9142.26
	160	-4722.13	53.82	114.04	79.73	18853.43	-10233.57
490	59	5744.64	114.90	-139.30	-79.73	26190.31	23006.38
	159	-4304.64	-114.90	139.30	79.73	23959.20	18358.11
491	62	6331.01	24.62	36.00	-79.73	-7365.16	5206.80
	162	-4891.01	-24.62	-36.00	79.73	-5595.80	3657.81
492	65	7817.55	104.16	-14.64	-79.73	2826.01	19313.48
	165	-6377.55	-104.16	14.64	79.73	2443.84	18185.02
493	68	5924.03	36.25	72.99	-79.73	-13303.86	6163.21
	168	-4484.03	-36.25	-72.99	79.73	-12973.76	6887.05
494	71	6048.47	119.21	0.46	-79.73	-646.12	21109.24
	171	-4608.47	-119.21	-0.46	79.73	479.93	21805.45
495	74	7500.44	118.42	-100.84	-79.73	19084.04	20615.19
	174	-6060.44	-118.42	100.84	79.73	17217.62	22015.98
496	77	7745.48	89.39	198.85	-79.73	-39239.74	17194.32
	177	-6305.48	-89.39	-198.85	79.73	-32347.63	14986.14
497	166	0.00	748.46	0.00	187.63	9.09e-013	34548.85
	167	0.00	601.54	0.00	-187.63	0.00	-14715.29
498	165	-2.27e-013	986.15	0.00	133.49	0.00	57248.44
	166	2.27e-013	913.85	0.00	-133.49	0.00	-43510.43
499	163	2.27e-013	889.43	0.00	455.00	0.00	72538.90
	160	-2.27e-013	723.07	0.00	-455.00	0.00	-36771.64
500	166	-2.27e-013	671.67	-8.88e-016	-619.48	2.27e-013	36190.14
	163	2.27e-013	790.83	8.88e-016	619.48	4.55e-013	-59425.39
501	169	0.00	884.67	0.00	887.64	2.27e-013	72673.60
	166	0.00	727.83	0.00	-887.64	1.14e-013	-38953.20
502	172	2.27e-013	475.67	-4.44e-016	-87.67	-1.14e-013	16787.11
	169	-2.27e-013	649.33	4.44e-016	87.67	-1.71e-013	-42837.26
503	160	4.55e-013	601.17	0.00	-2718.69	0.00	28796.39
	161	-4.55e-013	478.83	0.00	2718.69	0.00	-12280.30
504	159	-4.55e-013	788.65	0.00	929.25	9.09e-013	49472.82
	160	4.55e-013	731.35	0.00	-929.25	9.09e-013	-38585.51
505	162	9.09e-013	1150.64	3.55e-015	-2055.96	4.55e-013	86068.70
	159	-9.09e-013	999.36	-3.55e-015	2055.96	4.55e-013	-53543.20
506	165	-9.09e-013	936.59	-3.55e-015	3173.58	-4.55e-013	57739.86
	162	9.09e-013	1013.41	3.55e-015	-3173.58	0.00	-72721.53
507	168	9.09e-013	1123.09	-8.88e-016	-1645.69	0.00	83237.65
	165	-9.09e-013	1026.91	8.88e-016	1645.69	0.00	-62559.12

508	171	4.55e-013	689.06	8.88e-016	4079.52	-2.27e-013	34086.16
	168	-4.55e-013	810.94	-8.88e-016	-4079.52	0.00	-52368.21
509	174	0.00	788.06	8.88e-016	356.17	2.56e-013	48802.59
	171	0.00	711.94	-8.88e-016	-356.17	1.14e-013	-37385.37
510	177	-4.55e-013	1270.03	4.44e-016	-1515.84	0.00	97340.88
	174	4.55e-013	1279.97	-4.44e-016	1515.84	0.00	-99873.77
511	164	0.00	1710.64	7.11e-015	4525.07	0.00	123291.37
	161	0.00	1299.36	-7.11e-015	-4525.07	0.00	-34865.06
512	167	0.00	1265.67	-3.55e-015	-4122.26	9.09e-013	77013.28
	164	0.00	1464.33	3.55e-015	4122.26	9.09e-013	-115750.46
513	170	0.00	1616.88	1.78e-015	8339.56	-4.55e-013	126568.89
	167	0.00	1393.12	-1.78e-015	-8339.56	0.00	-78459.82
514	173	4.55e-013	767.47	1.78e-015	9035.30	0.00	35708.02
	170	-4.55e-013	1332.53	-1.78e-015	-9035.30	-1.14e-013	-120467.45
515	176	0.00	695.31	-1.78e-015	-2469.53	-5.68e-014	43254.20
	173	0.00	504.69	1.78e-015	2469.53	-1.14e-013	-14662.66
516	179	0.00	1006.86	0.00	2396.41	0.00	79161.72
	176	0.00	1033.14	0.00	-2396.41	0.00	-85863.49
517	186	-1.42e-014	765.84	-4.44e-016	-7830.95	1.14e-013	41308.81
	183	1.42e-014	834.17	4.44e-016	7830.95	5.68e-014	-54976.77
518	187	0.00	596.63	0.00	2086.77	8.53e-014	35018.34
	186	0.00	603.37	0.00	-2086.77	1.14e-013	-36030.24
519	188	-7.11e-015	988.03	-8.88e-016	-678.56	-3.41e-013	74637.42
	187	7.11e-015	1051.97	8.88e-016	678.56	-2.27e-013	-90940.55
520	196	4.55e-013	903.69	8.88e-016	15498.40	-4.55e-013	36333.12
	195	-4.55e-013	1083.86	-8.88e-016	-15498.40	-1.14e-013	-72144.44
521	197	0.00	655.98	4.44e-016	-5495.85	-2.84e-014	39678.42
	196	0.00	544.02	-4.44e-016	5495.85	0.00	-22884.79
522	198	0.00	1032.60	-8.88e-016	2046.17	0.00	90941.78
	197	0.00	927.50	8.88e-016	-2046.17	0.00	-65191.97
523	200	0.00	665.53	8.88e-016	14300.50	-4.12e-013	40809.36
	201	0.00	524.51	-8.88e-016	-14300.50	-3.98e-013	-19831.62
524	199	-4.55e-013	950.83	-1.78e-015	-7770.77	2.27e-013	71573.26
	200	4.55e-013	919.20	1.78e-015	7770.77	0.00	-64180.90
525	185	0.00	1996.52	0.00	-9081.71	0.00	173773.50
	195	0.00	1835.98	0.00	9081.71	0.00	-129823.90
526	184	1.14e-013	2222.05	0.00	914.76	-4.55e-013	234188.06
	185	-1.14e-013	2047.95	0.00	-914.76	-4.55e-013	-181089.37
527	183	-1.14e-013	1787.00	-1.33e-015	4301.21	4.55e-013	122364.18
	184	1.14e-013	2063.04	1.33e-015	-4301.21	2.27e-013	-198277.44
528	196	-7.11e-015	2904.79	1.78e-015	-3373.01	-4.55e-013	352654.00
	201	7.11e-015	2712.73	-1.78e-015	3373.01	-2.27e-013	-275588.80
529	192	-2.84e-014	1936.12	1.78e-015	2213.79	0.00	206842.37
	196	2.84e-014	1878.88	-1.78e-015	-2213.79	0.00	-191245.09
530	189	-1.42e-014	2265.56	0.00	-1622.15	2.27e-013	244768.00
	192	1.42e-014	2004.44	0.00	1622.15	4.55e-013	-165125.99
531	186	-1.42e-014	1822.84	4.44e-016	-3057.37	-1.14e-013	169618.75
	189	1.42e-014	2027.16	-4.44e-016	3057.37	-1.14e-013	-225807.39
532	180	5.68e-014	2312.13	2.22e-016	3630.52	8.53e-014	248023.36
	186	-5.68e-014	2167.87	-2.22e-016	-3630.52	1.14e-013	-201862.32
533	173	8.53e-014	1763.80	0.00	4126.74	-2.27e-013	125532.37

	180	-8.53e-014	2156.20	0.00	-4126.74	0.00	-235402.85
534	172	-2.27e-013	1043.13	-1.42e-014	-9879.71	1.82e-012	85304.11
	173	2.27e-013	846.87	1.42e-014	9879.71	1.82e-012	-58808.75
535	171	4.26e-014	1159.71	0.00	1402.43	-9.09e-013	27019.54
	172	-4.26e-014	1500.29	0.00	-1402.43	-9.09e-013	-91727.92
536	174	0.00	1193.68	0.00	6400.42	-1.82e-012	26935.20
	175	0.00	1466.32	0.00	-6400.42	-1.82e-012	-78736.77
537	198	0.00	3000.11	1.78e-015	1274.04	-4.55e-013	402344.29
	199	0.00	2584.61	-1.78e-015	-1274.04	-4.55e-013	-236598.49
538	194	0.00	1766.15	0.00	352.49	-4.55e-013	156630.89
	198	0.00	2085.79	0.00	-352.49	-4.55e-013	-244576.73
539	191	-1.14e-013	2204.12	8.88e-016	1167.91	2.27e-013	223722.42
	194	1.14e-013	2065.88	-8.88e-016	-1167.91	2.27e-013	-181559.66
540	188	0.00	1944.26	-8.88e-016	-3609.79	1.14e-013	196356.21
	191	0.00	1905.78	8.88e-016	3609.79	1.71e-013	-185773.78
541	182	0.00	2275.11	-2.22e-016	3038.51	-1.14e-013	240491.56
	188	0.00	2204.89	2.22e-016	-3038.51	0.00	-218019.81
542	179	-1.14e-013	1797.65	-1.78e-015	-3600.79	0.00	127801.89
	182	1.14e-013	2122.35	1.78e-015	3600.79	2.27e-013	-218715.11
543	178	0.00	1037.79	0.00	7570.80	0.00	91067.55
	179	0.00	852.21	0.00	-7570.80	0.00	-66014.52
544	177	0.00	1153.04	0.00	-6556.29	0.00	36470.94
	178	0.00	1506.96	0.00	6556.29	-9.09e-013	-103714.44
545	66	5.68e-014	488.87	0.00	51.04	-2.27e-013	20467.38
	67	-5.68e-014	523.63	0.00	-51.04	0.00	-25160.16
546	65	5.68e-014	697.52	0.00	55.86	0.00	35773.35
	66	-5.68e-014	727.48	0.00	-55.86	-2.27e-013	-41464.12
547	63	2.27e-013	1461.11	8.88e-016	2417.51	9.09e-013	112845.69
	60	-2.27e-013	1118.89	-8.88e-016	-2417.51	9.09e-013	-39268.72
548	66	-2.27e-013	1064.97	8.88e-016	-1977.03	0.00	61778.70
	63	2.27e-013	1275.03	-8.88e-016	1977.03	0.00	-102741.71
549	69	0.00	1370.52	8.88e-016	1986.31	1.14e-013	102479.03
	66	0.00	1209.48	-8.88e-016	-1986.31	0.00	-67853.48
550	72	0.00	659.83	-2.66e-015	-2371.46	2.27e-013	13023.01
	69	0.00	1140.17	2.66e-015	2371.46	5.68e-014	-85073.32
551	60	0.00	709.07	-3.55e-015	-721.34	0.00	34894.62
	61	0.00	640.93	3.55e-015	721.34	4.55e-013	-25695.19
552	59	1.14e-013	916.62	0.00	734.74	0.00	42517.41
	60	-1.14e-013	983.38	0.00	-734.74	0.00	-55202.48
553	62	-2.27e-013	1163.75	-1.78e-015	-3727.29	4.55e-013	85616.96
	59	2.27e-013	986.25	1.78e-015	3727.29	6.82e-013	-47453.47
554	65	-1.14e-013	945.18	0.00	2923.55	0.00	61355.06
	62	1.14e-013	1004.82	0.00	-2923.55	0.00	-72985.28
555	68	1.14e-013	1097.77	4.44e-016	-2644.57	0.00	77210.72
	65	-1.14e-013	1052.23	-4.44e-016	2644.57	1.14e-013	-67421.37
556	71	0.00	662.04	-2.22e-015	4100.88	1.14e-013	29099.71
	68	0.00	837.96	2.22e-015	-4100.88	2.84e-013	-55489.18
557	74	0.00	860.75	1.11e-016	-188.44	1.78e-013	63212.97
	71	0.00	639.25	-1.11e-016	188.44	-2.27e-013	-29988.60
558	77	-3.41e-013	1232.28	4.44e-016	125.06	-5.68e-014	81676.54
	74	3.41e-013	1317.72	-4.44e-016	-125.06	-5.68e-014	-103462.92

559	64	0.00	1152.69	8.88e-016	2177.56	2.27e-013	83489.49
	61	0.00	997.31	-8.88e-016	-2177.56	0.00	-50081.55
560	67	0.00	954.69	0.00	-1839.24	-2.27e-013	62993.60
	64	0.00	995.31	0.00	1839.24	-5.68e-013	-70916.27
561	70	0.00	1097.23	0.00	2211.24	-2.27e-013	78612.20
	67	0.00	1052.77	0.00	-2211.24	-2.27e-013	-69054.93
562	73	0.00	579.92	-1.78e-015	4749.06	3.41e-013	15884.54
	70	0.00	920.08	1.78e-015	-4749.06	3.98e-013	-66907.77
563	76	0.00	824.18	2.33e-015	323.29	-5.12e-013	52121.90
	73	0.00	675.82	-2.33e-015	-323.29	-2.84e-013	-29867.09
564	79	5.68e-014	848.58	1.39e-016	124.75	7.11e-015	52908.73
	76	-5.68e-014	936.42	-1.39e-016	-124.75	1.42e-014	-75310.18
565	86	1.60e-014	989.94	-1.33e-015	-12623.46	3.98e-013	50148.67
	83	-1.60e-014	1010.07	1.33e-015	12623.46	1.42e-013	-54175.91
566	87	7.11e-015	304.25	4.44e-016	-99.32	-1.03e-013	16750.26
	86	-7.11e-015	295.75	-4.44e-016	99.32	2.84e-014	-15474.45
567	88	1.15e-014	860.48	0.00	166.39	2.13e-014	50638.75
	87	-1.15e-014	924.52	0.00	-166.39	0.00	-66971.11
568	96	0.00	931.41	-2.22e-016	19103.99	-5.68e-014	42880.48
	95	0.00	1056.15	2.22e-016	-19103.99	-2.27e-013	-67673.09
569	97	1.14e-013	580.18	2.22e-016	834.77	5.68e-014	33357.37
	96	-1.14e-013	544.82	-2.22e-016	-834.77	-8.53e-014	-28053.41
570	98	-1.14e-013	936.65	-8.33e-017	-716.44	-2.84e-014	86461.88
	97	1.14e-013	778.44	8.33e-017	716.44	-2.84e-014	-47697.00
571	100	0.00	828.84	-2.22e-016	2205.83	4.57e-013	51740.31
	101	0.00	658.71	2.22e-016	-2205.83	0.00	-26432.11
572	99	-2.27e-013	1099.16	-4.44e-016	571.63	2.84e-013	63491.99
	100	2.27e-013	1238.37	4.44e-016	-571.63	4.55e-013	-96033.43
573	85	-5.68e-014	2082.85	0.00	-6062.01	-2.27e-013	190884.77
	95	5.68e-014	1749.65	0.00	6062.01	-2.27e-013	-99669.85
574	84	-5.68e-014	2239.00	-2.22e-016	811.07	-1.14e-013	244708.32
	85	5.68e-014	2031.00	2.22e-016	-811.07	-1.71e-013	-181271.09
575	83	5.68e-014	1742.01	1.11e-016	5955.74	2.27e-013	99900.36
	84	-5.68e-014	2108.03	-1.11e-016	-5955.74	1.71e-013	-200556.77
576	96	-3.20e-014	2981.36	2.22e-016	-2391.40	-1.14e-013	371553.92
	101	3.20e-014	2636.16	-2.22e-016	2391.40	0.00	-233041.19
577	92	3.55e-014	1787.08	0.00	829.47	-2.27e-013	171352.82
	96	-3.55e-014	2027.92	0.00	-829.47	-2.27e-013	-236983.11
578	89	-7.11e-015	2271.40	-2.22e-016	86.54	0.00	251539.21
	92	7.11e-015	1998.60	2.22e-016	-86.54	-5.68e-014	-168337.06
579	86	-4.97e-014	1902.45	3.33e-016	-3526.03	1.14e-013	183170.72
	89	4.97e-014	1947.55	-3.33e-016	3526.03	2.84e-014	-195574.09
580	80	-2.13e-013	2282.97	0.00	3437.51	4.26e-014	242845.77
	86	2.13e-013	2197.03	0.00	-3437.51	2.84e-014	-215344.78
581	73	-9.24e-014	1774.79	0.00	1296.41	0.00	124069.52
	80	9.24e-014	2145.21	0.00	-1296.41	-1.14e-013	-227784.40
582	72	2.84e-014	874.84	-3.55e-015	-3627.79	1.36e-012	68162.18
	73	-2.84e-014	1015.16	3.55e-015	3627.79	0.00	-87104.88
583	71	4.97e-014	1202.37	0.00	1740.30	0.00	36305.74
	72	-4.97e-014	1457.63	0.00	-1740.30	0.00	-84806.91
584	97	-2.84e-014	2949.87	-4.44e-016	-1779.03	0.00	360492.20

	100	2.84e-014	2650.13	4.44e-016	1779.03	1.14e-013	-240594.69
585	93	1.42e-014	1772.75	0.00	-1055.25	0.00	173351.15
	97	-1.42e-014	2042.25	0.00	1055.25	0.00	-246788.17
586	90	-9.95e-014	2255.08	0.00	1019.14	-1.14e-013	244073.49
	93	9.95e-014	2014.92	0.00	-1019.14	-5.68e-014	-170824.77
587	87	2.84e-014	1920.88	6.66e-016	5987.66	1.14e-013	190594.01
	90	-2.84e-014	1929.12	-6.66e-016	-5987.66	2.84e-014	-192858.31
588	81	-8.53e-014	2291.09	-1.11e-016	-4406.00	-2.84e-014	243942.50
	87	8.53e-014	2188.91	1.11e-016	4406.00	-5.68e-014	-211244.73
589	76	-5.68e-014	1753.58	-4.44e-016	1767.99	0.00	117438.10
	81	5.68e-014	2166.42	4.44e-016	-1767.99	0.00	-233033.03
590	75	-1.99e-013	884.12	0.00	-2205.43	0.00	72034.68
	76	1.99e-013	1005.88	0.00	2205.43	-9.09e-013	-88472.87
591	74	1.14e-013	1172.21	0.00	5782.51	0.00	30394.67
	75	-1.14e-013	1487.79	0.00	-5782.51	-4.55e-013	-90355.86
592	98	-5.68e-014	3027.91	-4.44e-016	5057.99	0.00	400823.04
	99	5.68e-014	2556.81	4.44e-016	-5057.99	-1.14e-013	-212896.02
593	94	1.71e-013	1737.78	0.00	303.53	-2.27e-013	155904.07
	98	-1.71e-013	2114.17	0.00	-303.53	0.00	-259463.15
594	91	0.00	2216.58	-2.22e-016	-930.68	0.00	226171.56
	94	0.00	2053.42	2.22e-016	930.68	5.68e-014	-176404.84
595	88	0.00	1972.89	-2.22e-016	-4649.87	5.68e-014	204643.30
	91	0.00	1877.15	2.22e-016	4649.87	8.53e-014	-178314.30
596	82	0.00	2260.19	0.00	4727.06	-4.26e-014	235839.86
	88	0.00	2219.81	0.00	-4727.06	-5.68e-014	-222917.80
597	79	0.00	1784.16	-4.44e-016	-4650.07	-1.14e-013	124553.99
	82	0.00	2135.84	4.44e-016	4650.07	0.00	-223025.62
598	78	2.27e-013	923.94	0.00	6925.41	0.00	79544.70
	79	-2.27e-013	966.06	0.00	-6925.41	0.00	-85230.03
599	77	2.27e-013	1154.35	1.78e-015	-11796.46	4.55e-013	27412.25
	78	-2.27e-013	1505.65	-1.78e-015	11796.46	4.55e-013	-94160.03
648	122	-1.42e-014	106.51	1.81e-014	-662.06	2.04e-012	2814.40
	47	1.42e-014	83.80	-1.81e-014	662.06	2.05e-012	-1374.19
649	121	0.00	95.99	-1.95e-014	-106.57	4.83e-013	2114.19
	122	0.00	94.33	1.95e-014	106.57	5.12e-013	-2008.74
650	120	0.00	96.06	0.00	203.95	-9.81e-013	2060.11
	121	0.00	94.25	0.00	-203.95	-9.66e-013	-1944.96
651	48	1.42e-014	82.58	1.60e-014	1079.52	1.31e-012	1753.56
	120	-1.42e-014	107.73	-1.60e-014	-1079.52	1.34e-012	-3348.79
652	119	0.00	105.85	7.28e-014	-773.63	-2.76e-012	2384.95
	46	0.00	6.65	-7.28e-014	773.63	7.39e-013	1335.16
653	118	2.84e-014	56.37	6.35e-014	-126.31	-5.97e-013	871.57
	119	-2.84e-014	56.13	-6.35e-014	126.31	2.84e-012	-862.48
654	117	-1.42e-014	53.35	7.97e-014	106.41	8.81e-013	788.79
	118	1.42e-014	59.15	-7.97e-014	-106.41	4.33e-012	-1005.92
655	47	0.00	0.37	7.50e-014	714.61	3.17e-012	-1653.09
	117	0.00	112.13	-7.50e-014	-714.61	-6.18e-013	-2537.87
656	116	0.00	104.98	-3.11e-014	-1241.62	-1.08e-012	3287.69
	41	0.00	44.09	3.11e-014	1241.62	-8.53e-013	-262.06
657	115	0.00	73.39	8.88e-016	-265.63	5.68e-013	1245.77
	116	0.00	75.67	-8.88e-016	265.63	7.96e-013	-1359.25

658	114	0.00	72.68	-7.11e-015	95.42	-1.88e-012	1270.25
	115	0.00	76.38	7.11e-015	-95.42	-1.65e-012	-1453.99
659	46	0.00	50.69	-5.33e-015	724.64	-1.02e-012	62.14
	114	0.00	98.37	5.33e-015	-724.64	-7.67e-013	-2431.16
660	113	9828.95	254.23	-587.86	-6296.03	8994.57	-25399.41
	48	-9348.01	-254.23	587.86	6296.03	46851.97	49551.67
661	112	8372.17	93.00	-121.84	1773.16	1423.56	-10989.86
	113	-7891.23	-93.00	121.84	-1773.16	10151.21	19824.61
662	111	9307.88	67.22	172.01	3225.32	-24427.95	-1772.16
	112	-8826.94	-67.22	-172.01	-3225.32	8087.09	8157.59
663	5	11938.22	97.39	47.67	1250.41	12193.40	10341.42
	111	-11457.28	-97.39	-47.67	-1250.41	-16722.50	-1088.90
664	110	6046.73	339.16	90.14	861.05	-878.31	-22247.70
	47	-5452.98	-339.16	-90.14	-861.05	-7684.70	54467.83
665	109	5096.16	66.99	-24.00	356.71	1556.82	-12619.13
	110	-4502.41	-66.99	24.00	-356.71	723.03	18983.04
666	108	6717.56	43.88	-57.17	-664.65	5210.65	-4739.11
	109	-6123.81	-43.88	57.17	664.65	220.83	8908.04
667	4	12352.53	95.21	-339.28	-624.96	12415.88	7529.38
	108	-11758.78	-95.21	339.28	624.96	19815.84	1515.23
668	107	5912.35	381.73	-51.26	-444.31	1087.84	-21392.70
	46	-5318.60	-381.73	51.26	444.31	3781.41	57656.88
669	106	4861.67	72.74	21.47	54.20	-1089.78	-13317.04
	107	-4267.92	-72.74	-21.47	-54.20	-949.56	20227.01
670	105	6533.54	55.02	38.78	251.37	-2688.45	-4718.72
	106	-5939.79	-55.02	-38.78	-251.37	-995.18	9945.30
671	3	12294.39	119.33	268.91	66.89	-10849.17	9375.06
	105	-11700.64	-119.33	-268.91	-66.89	-14696.90	1961.24
672	104	9874.39	318.91	580.38	6543.02	-9617.15	-23592.86
	41	-9393.45	-318.91	-580.38	-6543.02	-45518.89	53889.73
673	103	7903.15	100.40	115.40	-2422.87	-1197.91	-11591.62
	104	-7422.21	-100.40	-115.40	2422.87	-9765.25	21129.59
674	102	8617.39	75.73	-156.80	-3279.02	20326.15	-1749.02
	103	-8136.46	-75.73	156.80	3279.02	-5430.61	8942.92
675	1	11389.85	123.93	30.79	-888.26	-13018.54	12284.40
	102	-10908.92	-123.93	-30.79	888.26	10093.64	-510.92
676	54	-1.08e-013	1510.97	1.39e-017	-96.57	7.11e-015	201990.91
	57	1.08e-013	1489.03	-1.39e-017	96.57	3.55e-015	-193217.42
677	50	-2.32e-013	1953.97	-2.60e-017	-2412.63	1.78e-015	192186.19
	54	2.32e-013	1861.03	2.60e-017	2412.63	-1.78e-015	-166861.02
678	47	4.35e-014	2105.24	2.78e-017	-415.85	0.00	186375.89
	50	-4.35e-014	2164.76	-2.78e-017	415.85	0.00	-204530.11
679	53	0.00	1881.17	-1.04e-017	-961.85	-5.33e-015	253688.60
	58	0.00	1730.10	1.04e-017	961.85	0.00	-193071.83
680	49	1.07e-013	1915.74	4.86e-017	1327.59	-7.99e-015	186667.64
	53	-1.07e-013	1899.26	-4.86e-017	-1327.59	-3.55e-015	-182176.89
681	46	-1.07e-014	2118.00	-5.55e-017	268.89	-7.11e-015	188918.07
	49	1.07e-014	2152.00	5.55e-017	-268.89	0.00	-199290.26
682	42	7.11e-014	2117.25	-6.94e-018	-6693.11	-8.88e-015	208971.49
	52	-7.11e-014	1715.25	6.94e-018	6693.11	5.33e-015	-98926.68
683	41	0.00	2030.44	0.00	-4944.51	7.11e-015	155050.91

	42	0.00	2239.56	0.00	4944.51	1.42e-014	-218833.26
684	53	0.00	1190.53	-4.16e-015	14126.39	1.42e-013	61594.06
	52	0.00	1194.53	4.16e-015	-14126.39	2.56e-013	-62389.98
685	54	-7.11e-015	990.60	7.08e-015	-2459.42	-2.84e-013	69688.67
	53	7.11e-015	809.40	-7.08e-015	2459.42	-6.64e-013	-42508.92
686	55	0.00	1503.78	-8.60e-016	1499.94	-8.17e-013	119051.61
	54	0.00	1436.37	8.60e-016	-1499.94	-3.84e-013	-102534.33
687	57	-5.68e-014	1065.54	-6.66e-016	10004.39	4.55e-013	72328.82
	58	5.68e-014	719.52	6.66e-016	-10004.39	3.73e-013	-20857.48
688	56	0.00	1297.59	1.86e-015	-6220.33	4.16e-013	65876.29
	57	0.00	1507.45	-1.86e-015	6220.33	4.90e-013	-114930.80
689	55	-7.46e-014	1882.92	-3.47e-018	1392.82	3.55e-015	255719.81
	56	7.46e-014	1707.26	3.47e-018	-1392.82	5.33e-015	-185647.77
690	51	7.82e-014	1910.29	6.94e-017	2397.64	-3.02e-014	186792.12
	55	-7.82e-014	1941.66	-6.94e-017	-2397.64	-3.20e-014	-195424.67
691	48	-4.97e-014	2037.23	0.00	5840.57	0.00	154555.38
	51	4.97e-014	2232.77	0.00	-5840.57	0.00	-214197.34
692	34	11532.11	38.14	132.39	-55.16	-15697.22	3256.50
	77	-10132.11	-38.14	-132.39	55.16	-30640.34	10092.87
693	31	12251.12	38.95	-63.22	-55.16	6743.25	3539.54
	74	-10851.12	-38.95	63.22	55.16	15383.40	10092.98
694	28	9952.12	42.89	3.04	-55.16	-857.56	4102.99
	71	-8552.12	-42.89	-3.04	55.16	-205.30	10907.19
695	25	9259.76	-0.52	37.94	-55.16	-4861.79	-764.84
	68	-7859.76	0.52	-37.94	55.16	-8417.68	582.24
696	22	11912.49	43.98	-11.37	-55.16	795.22	4500.50
	65	-10512.49	-43.98	11.37	55.16	3184.43	10891.75
697	19	9899.58	4.44	24.55	-55.16	-3325.34	110.33
	62	-8499.58	-4.44	-24.55	55.16	-5266.52	1444.03
698	16	9047.51	66.07	-85.09	-55.16	9251.87	7340.75
	59	-7647.51	-66.07	85.09	55.16	20528.41	15783.74
699	35	11015.21	-40.66	34.75	-55.16	-4354.39	-5783.11
	78	-9615.21	40.66	-34.75	55.16	-7809.46	-8446.72
700	32	11567.28	-41.23	-18.86	-55.16	1796.28	-5658.49
	75	-10167.28	41.23	18.86	55.16	4805.11	-8771.49
701	29	10277.09	-36.68	14.74	-55.16	-2058.77	-5025.23
	72	-8877.09	36.68	-14.74	55.16	-3101.31	-7814.12
702	26	8824.82	-15.62	31.80	-55.16	-4015.34	-2496.41
	69	-7424.82	15.62	-31.80	55.16	-7114.09	-2969.08
703	23	13102.13	-36.02	-12.19	-55.16	1030.57	-4676.77
	66	-11702.13	36.02	12.19	55.16	3234.70	-7930.16
704	20	9381.26	-12.79	21.83	-55.16	-2871.42	-1865.85
	63	-7981.26	12.79	-21.83	55.16	-4768.00	-2608.97
705	17	10373.47	-38.20	-77.17	-55.16	8484.90	-4620.60
	60	-8973.47	38.20	77.17	55.16	18522.96	-8748.10
706	36	13966.00	54.53	72.83	-55.16	-8621.85	5136.38
	79	-12566.00	-54.53	-72.83	55.16	-16868.96	13948.35
707	33	13446.06	48.86	-33.19	-55.16	3540.74	4676.55
	76	-12046.06	-48.86	33.19	55.16	8075.62	12424.92
708	30	12030.87	47.15	-7.75	-55.16	622.20	4592.04
	73	-10630.87	-47.15	7.75	55.16	2089.91	11910.20

709	27	7806.72	-3.41	20.62	-55.16	-2631.79	-1096.54
	70	-6406.72	3.41	-20.62	55.16	-4583.79	-98.05
710	24	9371.81	-35.74	-12.86	-55.16	1208.61	-4644.18
	67	-7971.81	35.74	12.86	55.16	3292.59	-7863.32
711	21	8162.98	-6.93	21.02	-55.16	-2678.26	-1194.29
	64	-6762.98	6.93	-21.02	55.16	-4679.09	-1231.67
712	18	6829.25	-38.72	-86.00	-55.16	9599.31	-4680.81
	61	-5429.25	38.72	86.00	55.16	20501.30	-8871.58
713	39	16038.50	9.24	14.01	-55.16	-1665.28	-58.53
	82	-14638.50	-9.24	-14.01	55.16	-3238.81	3293.99
714	38	12330.73	10.74	-15.61	-55.16	1732.73	303.06
	81	-10930.73	-10.74	15.61	55.16	3730.26	3455.20
715	37	11736.50	12.45	4.22	-55.16	-541.81	611.37
	80	-10336.50	-12.45	-4.22	55.16	-934.65	3746.13
716	45	18078.22	-44.83	74.36	-55.16	-8349.79	-6262.41
	88	-16678.22	44.83	-74.36	55.16	-17676.54	-9429.72
717	44	15209.17	-53.45	-79.51	-55.16	9302.17	-7060.00
	87	-13809.17	53.45	79.51	55.16	18526.32	-11645.88
718	43	15071.96	-43.23	47.02	-55.16	-5213.72	-5776.63
	86	-13671.96	43.23	-47.02	55.16	-11244.68	-9355.18
719	40	10774.24	145.02	-93.78	-55.16	10939.00	15969.00
	83	-9374.24	-145.02	93.78	55.16	21883.34	34788.30
720	48	15224.67	217.57	-53.53	-47.17	15025.54	44073.48
	91	-13824.67	-217.57	53.53	47.17	3709.10	32074.29
721	47	12281.83	269.73	-12.71	-75.56	1131.05	54029.48
	90	-10509.96	-269.73	12.71	75.56	3318.86	40376.40
722	46	11723.55	273.04	2.94	-75.56	395.69	55254.04
	89	-9951.67	-273.04	-2.94	75.56	-1424.70	40310.24
723	41	15364.08	211.13	39.33	-47.17	-12114.22	44368.98
	84	-13964.08	-211.13	-39.33	47.17	-1651.11	29524.80
724	51	14378.32	-43.82	6.91	-47.17	-843.77	-7168.72
	94	-12978.32	43.82	-6.91	47.17	-1574.76	-8168.51
725	50	13724.49	2.29	-5.42	-75.56	1650.65	978.77
	93	-11952.62	-2.29	5.42	75.56	245.09	-176.65
726	49	14798.81	15.37	5.13	-75.56	-216.45	1913.71
	92	-13026.94	-15.37	-5.13	75.56	-1580.22	3465.86
727	42	17088.38	26.71	-17.50	-47.17	2329.05	3625.21
	85	-15688.38	-26.71	17.50	47.17	3794.49	5722.30
728	55	24849.21	353.34	310.87	-150.95	-62048.07	53020.72
	98	-22049.21	-353.34	-310.87	150.95	-46756.50	70649.11
729	54	21922.93	331.94	-73.80	-75.56	15136.65	44451.09
	97	-20151.06	-331.94	73.80	75.56	10694.28	71727.81
730	53	22991.39	337.34	40.24	-75.56	-6917.54	49068.84
	96	-21219.51	-337.34	-40.24	75.56	-7166.89	69000.20
731	52	14238.03	-217.76	-168.84	-47.17	29257.00	-36625.60
	95	-12838.03	217.76	168.84	47.17	29836.92	-39590.72
732	56	13863.57	-550.77	165.27	-47.17	-28733.89	-89565.05
	99	-12463.57	550.77	-165.27	47.17	-29110.75	-103205.41
733	57	16978.09	-759.55	-137.45	-75.56	23892.81	-113467.37
	100	-15206.21	759.55	137.45	75.56	24213.82	-152376.03
734	58	12912.81	-580.98	-59.99	-47.17	10740.92	-92919.10

	101	-11512.81	580.98	59.99	47.17	10255.30	-110424.33
735	15	17286.18	-366.76	-34.38	-11.79	4426.68	-49050.34
	58	-15362.43	366.76	34.38	11.79	8636.58	-90320.03
736	14	23415.11	-390.45	-73.37	-17.96	9316.14	-53617.48
	57	-21040.11	390.45	73.37	17.96	18562.70	-94751.94
737	13	18792.18	-366.13	118.92	-11.79	-14643.02	-49027.53
	56	-16868.43	366.13	-118.92	11.79	-30546.83	-90101.63
738	9	19071.57	-203.30	-104.14	-11.79	13046.49	-28686.58
	52	-17147.82	203.30	104.14	11.79	26527.48	-48567.35
739	10	31146.74	3.98	35.28	-17.96	-4230.48	-4729.03
	53	-28771.74	-3.98	-35.28	17.96	-9175.50	6240.49
740	11	30096.90	-37.37	-60.56	-17.96	7640.53	-9883.66
	54	-27721.90	37.37	60.56	17.96	15372.31	-4315.71
741	12	33217.57	0.96	216.95	-23.54	-25465.14	-4230.63
	55	-30177.57	-0.96	-216.95	23.54	-56974.76	4593.92
742	2	23368.93	-66.05	2.07	-11.79	-206.08	-11613.74
	42	-21445.18	66.05	-2.07	11.79	-580.45	-13486.98
743	6	20790.31	-70.27	3.09	-11.79	-333.49	-12167.80
	49	-18866.56	70.27	-3.09	11.79	-842.24	-14536.32
744	7	19766.97	-65.61	-1.56	-11.79	244.86	-11609.89
	50	-17843.22	65.61	1.56	11.79	346.13	-13322.69
745	8	20445.13	-93.47	6.26	-11.79	-727.81	-15113.16
	51	-18521.38	93.47	-6.26	11.79	-1652.47	-20407.24

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-0.19	5.80e-002	1.46	36.18	-35.31	11.44
	472	0.11	4.60	2.10	23.09	-3.11	44.67
	473	-2.58	4.42	0.63	130.54	-52.06	21.84
	382	-2.88	-0.12	-5.20e-003	36.13	6.76	-11.39
105	378	0.15	0.31	1.01	9.78	-6.79	9.55
	467	0.22	1.33	7.90e-002	3.16	-5.95	14.87
	472	-0.10	1.30	0.95	9.84	-5.42	19.97
	381	-0.17	0.29	1.88	20.14	-10.61	14.65
106	377	4.77e-002	-0.19	0.88	2.64	-2.43	7.60
	466	3.77e-002	-0.35	0.25	0.70	-3.03	9.03
	467	0.11	-0.34	0.11	0.52	-1.80	11.56
	378	0.12	-0.19	0.75	7.35	-5.38	10.13
107	374	1.92e-002	-0.80	0.56	0.64	-0.92	7.30
	465	-1.69e-002	-1.35	0.13	0.17	-1.17	7.68
	466	-2.77e-002	-1.35	0.26	-0.14	-1.15	8.37
	377	8.50e-003	-0.80	0.69	2.12	-2.18	7.98
108	373	2.31e-002	-1.31	0.46	0.13	-0.35	7.35
	464	-2.95e-002	-2.12	0.13	4.24e-002	-0.42	7.44
	465	-6.72e-002	-2.13	0.15	-6.35e-002	-0.63	7.57
	374	-1.46e-002	-1.32	0.48	0.50	-0.83	7.47
109	370	2.35e-002	-1.70	0.32	1.55e-002	-0.13	7.41
	459	-4.17e-002	-2.71	7.90e-002	9.47e-003	-0.15	7.43
	464	-6.76e-002	-2.71	0.14	-1.70e-002	-0.29	7.43
	373	-2.35e-003	-1.71	0.37	8.97e-002	-0.30	7.41
110	369	2.30e-002	-1.97	0.19	-1.38e-003	-4.95e-002	7.45
	458	-5.09e-002	-3.11	4.35e-002	1.33e-003	-5.15e-002	7.45
	459	-6.76e-002	-3.11	8.64e-002	-3.12e-003	-0.13	7.44
	370	6.27e-003	-1.97	0.23	3.82e-003	-0.11	7.43
111	366	2.01e-002	-2.11	5.55e-002	7.40e-003	-2.38e-002	7.46
	457	-5.83e-002	-3.32	2.47e-004	-1.37e-003	-1.73e-002	7.46

	458	-6.45e-002	-3.32	4.95e-002	5.32e-004	-5.44e-002	7.45
	369	1.39e-002	-2.11	0.10	-4.30e-003	-4.15e-002	7.46
112	365	1.52e-002	-2.12	-7.30e-002	4.11e-002	-2.33e-002	7.45
	456	-6.37e-002	-3.34	-3.77e-002	-5.31e-003	3.21e-003	7.44
	457	-5.97e-002	-3.34	6.63e-003	2.92e-003	-3.06e-002	7.46
	366	1.92e-002	-2.12	-2.87e-002	8.12e-003	-2.00e-002	7.46
113	303	8.65e-003	-2.01	-0.21	0.15	-4.31e-002	7.39
	453	-6.66e-002	-3.17	-8.42e-002	-1.82e-002	5.35e-002	7.37
	456	-5.28e-002	-3.17	-3.11e-002	9.29e-003	-3.75e-002	7.43
	365	2.25e-002	-2.01	-0.16	4.62e-002	-1.83e-002	7.46
114	300	7.77e-004	-1.78	-0.33	0.52	-9.22e-002	7.17
	452	-6.67e-002	-2.81	-0.11	-6.09e-002	0.25	7.09
	453	-4.35e-002	-2.81	-7.79e-002	2.99e-002	-8.35e-002	7.33
	303	2.40e-002	-1.77	-0.30	0.17	-2.40e-002	7.40
115	299	9.79e-003	-1.41	-0.50	1.75	-0.20	6.38
	451	-4.61e-002	-2.27	-0.19	-0.17	1.01	6.12
	452	-3.12e-002	-2.27	-0.10	0.10	-0.22	6.94
	300	2.47e-002	-1.41	-0.41	0.58	-3.52e-003	7.20
116	296	8.72e-002	-0.96	-0.63	5.56	-0.40	3.80
	450	5.35e-002	-1.48	-0.15	-4.89e-002	3.64	2.90
	451	4.69e-003	-1.49	-0.17	0.32	-0.58	5.56
	299	3.84e-002	-0.97	-0.65	2.01	0.21	6.47
117	295	-0.14	-0.53	-1.28	16.66	0.80	-2.48
	449	-0.12	-0.24	-0.56	6.59	10.82	-6.63
	450	0.14	-0.22	-0.13	1.74	-0.98	9.08e-002
	296	0.12	-0.51	-0.85	7.28	0.67	4.24
118	245	-2.98	-0.23	0.10	8.19	30.68	11.34
	255	-2.88	1.22	0.40	147.61	3.86	-20.57
	449	-1.46e-002	1.41	-0.54	18.76	-1.09	-33.67
	295	-0.11	-3.88e-002	-0.84	29.99	-17.93	-1.76
119	290	0.26	-0.10	1.33	29.55	-14.53	-3.27
	381	0.27	8.75e-002	1.55	31.34	-35.33	7.32
	382	-3.06	-0.13	-0.15	106.68	17.16	-5.99
	293	-3.07	-0.32	-0.37	-6.61	7.49	-16.57
120	289	2.89e-002	-0.22	0.71	10.94	-7.36	0.89
	378	6.31e-002	0.31	1.18	11.49	-8.00	9.21
	381	0.28	0.32	1.97	29.70	-9.07	5.84
	290	0.25	-0.21	1.50	19.76	-5.69	-2.47
121	286	-1.62e-002	-0.12	1.03	3.10	-2.41	5.10
	377	-2.11e-002	-0.20	1.08	3.16	-2.62	7.61
	378	3.05e-002	-0.20	0.92	7.91	-5.43	6.61
	289	3.54e-002	-0.12	0.87	6.22	-4.35	4.09
122	285	-1.41e-002	-0.39	0.78	0.80	-0.81	6.63
	374	-4.08e-002	-0.80	0.71	0.77	-0.92	7.32
	377	-6.03e-002	-0.80	0.88	2.01	-2.19	6.91
	286	-3.36e-002	-0.39	0.95	1.65	-1.75	6.22
123	265	-6.88e-003	-0.63	0.63	0.18	-0.27	7.19
	373	-5.15e-002	-1.32	0.58	0.16	-0.33	7.36
	374	-7.47e-002	-1.32	0.63	0.50	-0.80	7.18
	285	-3.00e-002	-0.63	0.69	0.35	-0.62	7.01
124	264	-4.00e-003	-0.83	0.44	3.40e-002	-8.87e-002	7.38
	370	-6.13e-002	-1.71	0.39	1.93e-002	-0.12	7.42
	373	-7.69e-002	-1.71	0.49	0.11	-0.28	7.34
	265	-1.97e-002	-0.83	0.53	4.76e-002	-0.21	7.30
125	263	-2.66e-003	-0.96	0.26	4.37e-003	-3.06e-002	7.44
	369	-6.86e-002	-1.97	0.23	-2.48e-003	-4.56e-002	7.45
	370	-7.85e-002	-1.98	0.31	2.11e-002	-0.10	7.42

	264	-1.26e-002	-0.96	0.34	-7.06e-003	-7.38e-002	7.42
126	262	-3.52e-003	-1.03	6.94e-002	7.29e-003	-1.53e-002	7.47
	366	-7.40e-002	-2.11	5.96e-002	4.10e-003	-2.28e-002	7.47
	369	-7.76e-002	-2.11	0.15	5.22e-003	-3.63e-002	7.45
	263	-7.20e-003	-1.03	0.16	-6.44e-003	-2.77e-002	7.46
127	261	-6.26e-003	-1.04	-0.11	3.41e-002	-2.02e-002	7.48
	365	-7.71e-002	-2.13	-0.11	3.03e-002	-2.63e-002	7.47
	366	-7.49e-002	-2.13	-2.47e-002	1.49e-002	-1.86e-002	7.46
	262	-3.97e-003	-1.04	-3.11e-002	9.07e-003	-1.75e-002	7.48
128	260	-1.15e-002	-0.98	-0.30	0.13	-4.83e-002	7.50
	303	-7.87e-002	-2.02	-0.28	0.11	-5.82e-002	7.46
	365	-6.98e-002	-2.02	-0.19	5.80e-002	-2.09e-002	7.46
	261	-2.60e-003	-0.98	-0.21	5.00e-002	-3.02e-002	7.50
129	259	-1.65e-002	-0.86	-0.47	0.43	-0.13	7.52
	300	-7.60e-002	-1.78	-0.43	0.38	-0.15	7.39
	303	-6.33e-002	-1.78	-0.37	0.20	-3.76e-002	7.40
	260	-3.76e-003	-0.86	-0.41	0.18	-8.16e-002	7.54
130	258	-1.91e-002	-0.69	-0.70	1.39	-0.29	7.59
	299	-6.60e-002	-1.41	-0.66	1.33	-0.39	7.14
	300	-5.21e-002	-1.41	-0.52	0.70	-5.83e-002	7.20
	259	-5.27e-003	-0.69	-0.56	0.59	-0.24	7.65
131	257	2.20e-002	-0.50	-0.71	4.01	-0.30	7.91
	296	-8.46e-003	-0.97	-0.72	4.88	-0.96	6.46
	299	-3.73e-002	-0.97	-0.81	2.34	-7.44e-003	6.46
	258	-6.88e-003	-0.50	-0.80	1.89	-0.76	7.91
132	256	-0.27	-0.45	-1.15	10.93	3.01	9.95
	295	-0.28	-0.54	-1.52	17.54	-0.30	5.43
	296	2.09e-002	-0.52	-0.94	7.82	5.83e-002	4.37
	257	2.65e-002	-0.43	-0.57	5.66	-2.34	8.89
133	235	-2.85	-5.30e-002	-0.14	-42.02	3.44	10.15
	245	-2.86	-0.22	5.09e-002	96.50	33.20	4.90
	295	-0.24	-4.76e-002	-1.08	20.80	-19.23	2.05
	256	-0.23	0.12	-1.27	13.37	5.03	7.29
134	471	0.61	3.97e-002	2.75	3.12	1.70	-8.35
	290	0.60	-8.15e-002	0.99	19.80	-14.68	-7.51
	293	-3.50	-0.35	-0.33	68.69	11.01	-15.42
	200	-3.49	-0.23	1.44	-41.64	-2.57	-16.26
135	470	0.10	6.22e-003	1.01	2.76	-1.55	-2.81
	289	8.12e-002	-0.22	0.87	7.92	-5.10	0.25
	290	0.60	-0.18	1.16	16.48	-5.50	-7.03
	471	0.61	3.97e-002	1.30	4.21	-8.18e-003	-10.09
136	229	2.46e-002	1.60e-003	1.17	1.06	-0.54	3.85
	286	1.67e-002	-0.12	1.12	2.30	-1.82	5.13
	289	8.77e-002	-0.12	1.03	7.67	-3.61	1.49
	470	0.10	6.22e-003	1.07	-0.27	-0.40	0.21
137	469	2.04e-002	1.33e-003	0.93	0.33	-0.16	6.30
	285	-4.95e-003	-0.39	0.87	0.57	-0.62	6.67
	286	-7.24e-004	-0.39	1.04	2.46	-1.39	5.35
	229	2.46e-002	1.60e-003	1.10	-0.41	-0.21	4.98
138	468	2.36e-002	1.54e-003	0.74	9.43e-002	-4.96e-002	7.10
	265	-1.76e-002	-0.63	0.70	0.12	-0.21	7.20
	285	-2.09e-002	-0.63	0.79	0.70	-0.48	6.76
	469	2.04e-002	1.33e-003	0.82	-0.18	-8.19e-002	6.66
139	228	2.97e-002	1.93e-003	0.51	2.56e-002	-1.50e-002	7.36
	264	-2.44e-002	-0.83	0.48	1.70e-002	-6.86e-002	7.38
	265	-3.04e-002	-0.83	0.60	0.18	-0.16	7.24
	468	2.36e-002	1.54e-003	0.63	-6.97e-002	-3.03e-002	7.22

140	463	3.29e-002	2.14e-003	0.30	6.02e-003	-4.68e-003	7.44
	263	-2.98e-002	-0.96	0.28	8.77e-004	-2.37e-002	7.45
	264	-3.30e-002	-0.96	0.39	4.38e-002	-5.32e-002	7.40
	228	2.97e-002	1.93e-003	0.40	-2.49e-002	-1.11e-002	7.40
141	462	3.41e-002	2.22e-003	7.82e-002	1.81e-006	-1.94e-003	7.48
	262	-3.31e-002	-1.03	7.19e-002	8.58e-003	-1.21e-002	7.47
	263	-3.43e-002	-1.03	0.18	1.14e-002	-1.96e-002	7.45
	463	3.29e-002	2.14e-003	0.19	-7.54e-003	-4.57e-003	7.46
142	227	3.35e-002	2.18e-003	-0.14	-3.37e-003	-1.97e-003	7.50
	261	-3.42e-002	-1.04	-0.13	3.88e-002	-1.71e-002	7.50
	262	-3.35e-002	-1.04	-2.87e-002	1.26e-002	-1.29e-002	7.48
	462	3.41e-002	2.22e-003	-3.27e-002	1.85e-003	-3.50e-003	7.48
143	461	3.00e-002	1.95e-003	-0.36	-7.93e-003	-3.73e-003	7.57
	260	-3.41e-002	-0.98	-0.35	0.13	-4.33e-002	7.54
	261	-3.05e-002	-0.98	-0.23	4.19e-002	-2.36e-002	7.50
	227	3.35e-002	2.18e-003	-0.25	1.53e-002	-7.14e-003	7.52
144	460	2.92e-002	1.90e-003	-0.56	-1.15e-002	-6.59e-003	7.74
	259	-2.72e-002	-0.87	-0.53	0.43	-0.12	7.67
	260	-2.64e-002	-0.87	-0.45	0.14	-6.53e-002	7.53
	461	3.00e-002	1.95e-003	-0.47	5.25e-002	-2.10e-002	7.60
145	226	2.85e-002	1.85e-003	-0.83	3.91e-002	5.44e-004	8.24
	258	-1.66e-002	-0.69	-0.79	1.34	-0.29	8.01
	259	-1.59e-002	-0.69	-0.62	0.48	-0.20	7.64
	460	2.92e-002	1.90e-003	-0.66	0.17	-6.62e-002	7.86
146	455	9.11e-002	5.92e-003	-0.82	0.52	0.11	9.41
	257	5.82e-002	-0.50	-0.78	3.56	-0.39	8.78
	258	-4.37e-003	-0.50	-0.89	1.53	-0.61	7.94
	226	2.85e-002	1.85e-003	-0.93	0.48	-0.20	8.57
147	454	0.45	2.91e-002	-1.36	3.16	0.57	10.06
	256	0.42	-0.41	-1.14	3.06	1.37	9.67
	257	6.27e-002	-0.43	-0.64	3.99	-1.26	9.41
	455	9.11e-002	5.92e-003	-0.87	0.74	-0.30	9.80
148	197	-4.05	-0.26	-2.04	-89.25	-10.72	-1.95
	235	-4.04	-0.13	-0.13	44.40	1.85	10.67
	256	0.46	0.16	-1.26	2.96	3.07	8.87
	454	0.45	2.91e-002	-3.18	-5.49	8.93	-3.75
149	244	0.24	4.80e-002	0.17	29.98	-12.95	8.86
	254	0.13	-1.54	-1.95	18.17	1.55	40.33
	255	-3.08	-1.75	-1.57	152.12	19.54	31.03
	245	-2.97	-0.16	0.55	4.89	37.97	-0.45
150	243	5.29e-002	-0.91	0.48	7.38	2.52	0.50
	253	4.04e-002	-1.10	0.17	1.36	0.21	4.37
	254	0.16	-1.09	-5.65e-002	5.67	16.31	12.32
	244	0.17	-0.90	0.25	17.03	4.25	8.46
151	242	7.78e-003	-0.98	5.82e-002	2.10	0.85	-2.44
	252	-2.52e-002	-1.49	-2.97e-002	0.22	-0.14	-1.57
	253	1.51e-002	-1.49	0.15	-0.25	5.53	1.50
	243	4.81e-002	-0.98	0.24	5.82	0.87	0.63
152	241	9.88e-004	-0.95	-5.53e-002	0.63	0.22	-3.39
	251	-3.95e-002	-1.57	-2.37e-002	6.42e-002	-6.96e-002	-3.14
	252	-3.05e-002	-1.57	-6.34e-003	-0.22	1.68	-2.18
	242	9.97e-003	-0.95	-3.79e-002	1.86	0.25	-2.43
153	240	-9.74e-003	-0.84	-0.22	0.19	3.23e-002	-3.68
	250	-4.66e-002	-1.40	-9.10e-002	2.10e-002	-5.49e-002	-3.60
	251	-2.85e-002	-1.40	-2.51e-002	-7.58e-002	0.49	-3.31
	241	8.40e-003	-0.84	-0.15	0.58	5.60e-002	-3.39
154	239	-2.05e-002	-0.59	-0.33	6.71e-002	-5.65e-002	-3.75

	249	-4.93e-002	-1.04	-0.11	6.26e-003	-8.87e-002	-3.73
	250	-2.25e-002	-1.03	-8.27e-002	-2.11e-002	0.11	-3.65
	240	6.37e-003	-0.59	-0.31	0.18	-1.61e-002	-3.67
155	238	-1.22e-002	-0.21	-0.52	8.44e-002	-0.18	-3.76
	248	-2.91e-002	-0.47	-0.20	8.03e-003	-0.20	-3.77
	249	-1.26e-002	-0.47	-0.10	4.61e-003	-5.00e-002	-3.75
	239	4.42e-003	-0.21	-0.41	7.15e-002	-8.90e-002	-3.74
156	237	3.95e-002	0.28	-0.58	0.24	-0.43	-3.75
	247	4.16e-002	0.31	-0.10	7.62e-002	-0.50	-3.81
	248	2.15e-002	0.31	-0.18	5.06e-002	-0.21	-3.80
	238	1.94e-002	0.28	-0.66	0.11	-0.28	-3.74
157	236	-0.28	0.79	-1.27	0.11	-0.88	-3.59
	246	-0.23	1.49	-0.63	0.18	-1.69	-3.59
	247	0.12	1.52	-7.86e-002	0.16	-0.31	-3.83
	237	7.42e-002	0.81	-0.72	0.23	-0.80	-3.83
158	433	-1.13	0.98	0.13	4.44	-2.55	-3.24
	443	-0.97	3.46	-0.40	-10.48	-5.26	-1.73
	246	-0.10	3.52	-1.48	-0.34	1.11	-1.96
	236	-0.26	1.04	-0.94	-0.16	-0.32	-3.46
159	234	-0.70	3.15e-002	0.63	12.99	7.56	-0.23
	244	-0.70	-1.29e-002	0.42	20.93	-15.19	5.12
	245	-2.86	-0.15	0.51	99.36	39.31	5.06
	235	-2.86	-0.11	0.73	-44.18	6.79	-0.30
160	233	9.50e-003	-0.52	5.96e-002	5.50	-1.29	-4.02
	243	-1.58e-002	-0.91	0.43	7.97	1.77	0.30
	244	-0.76	-0.96	0.50	16.71	2.44	0.48
	234	-0.74	-0.57	0.13	11.51	4.75	-3.83
161	232	-1.58e-002	-0.52	6.19e-002	1.86	-0.40	-3.84
	242	-4.62e-002	-0.99	8.11e-002	2.44	0.62	-2.46
	243	-2.06e-002	-0.99	0.18	4.53	4.85e-002	-2.05
	233	9.81e-003	-0.52	0.16	4.35	0.45	-3.42
162	231	-2.24e-002	-0.46	-0.12	0.60	-0.13	-3.84
	241	-5.47e-002	-0.95	-0.10	0.75	0.15	-3.40
	242	-4.40e-002	-0.95	-1.50e-002	1.26	-3.65e-002	-3.21
	232	-1.17e-002	-0.46	-3.71e-002	1.52	-1.33e-002	-3.65
163	230	-3.13e-002	-0.40	-0.31	0.18	-5.67e-002	-3.81
	240	-6.01e-002	-0.84	-0.29	0.23	1.65e-002	-3.68
	241	-4.73e-002	-0.84	-0.19	0.37	-3.20e-002	-3.62
	231	-1.85e-002	-0.40	-0.21	0.49	-3.24e-002	-3.76
164	477	-3.81e-002	-0.27	-0.48	6.04e-002	-6.46e-002	-3.78
	239	-5.90e-002	-0.59	-0.44	8.92e-002	-5.53e-002	-3.74
	240	-4.40e-002	-0.59	-0.37	0.12	-4.04e-002	-3.74
	230	-2.30e-002	-0.27	-0.41	0.16	-3.17e-002	-3.78
165	476	-4.78e-002	-9.13e-002	-0.72	8.11e-002	-0.16	-3.71
	238	-5.56e-002	-0.21	-0.67	0.11	-0.17	-3.73
	239	-3.41e-002	-0.21	-0.52	5.71e-002	-9.26e-002	-3.76
	477	-2.63e-002	-8.99e-002	-0.57	8.13e-002	-5.96e-002	-3.74
166	475	-2.38e-002	0.15	-0.72	0.39	-0.46	-3.57
	237	-1.59e-002	0.27	-0.71	0.33	-0.39	-3.70
	238	-2.41e-002	0.27	-0.82	0.13	-0.28	-3.74
	476	-3.20e-002	0.15	-0.82	0.19	-0.15	-3.61
167	474	8.06e-002	0.27	-1.31	1.52	-1.02	-3.35
	236	0.12	0.81	-1.48	1.18	-0.57	-3.81
	237	1.88e-002	0.81	-0.85	0.44	-0.92	-3.78
	475	-1.68e-002	0.26	-0.68	0.75	-0.47	-3.32
168	423	-1.39	0.46	-8.52e-002	10.39	2.85	-2.32
	433	-1.36	0.97	5.47e-002	-4.82	-1.86	-2.91

	236	0.13	1.06	-1.15	1.10	-0.16	-3.49
	474	0.10	0.56	-1.29	2.27	-3.01	-2.90
169	448	0.17	1.09e-002	2.12	-5.89	9.04	10.66
	234	0.17	8.81e-002	0.82	3.47	4.69	-1.63
	235	-4.05	-0.19	0.74	46.54	4.57	-1.06
	197	-4.05	-0.26	2.04	-91.00	-10.11	11.23
170	225	0.11	7.08e-003	0.26	0.62	-0.18	-4.92
	233	7.49e-002	-0.52	-3.01e-002	4.08	-0.58	-4.47
	234	0.13	-0.51	0.32	2.73	2.64	-3.58
	448	0.17	1.09e-002	0.61	3.74	0.87	-4.03
171	447	1.83e-002	1.19e-003	8.66e-002	0.42	-0.15	-4.46
	232	-1.55e-002	-0.52	8.37e-002	1.57	-0.35	-3.86
	233	7.52e-002	-0.51	7.15e-002	3.28	0.14	-4.24
	225	0.11	7.08e-003	7.43e-002	0.74	0.21	-4.83
172	224	1.69e-002	1.10e-003	-0.16	0.14	-4.82e-002	-4.04
	231	-1.29e-002	-0.46	-0.15	0.51	-0.11	-3.83
	232	-1.14e-002	-0.46	-1.53e-002	1.25	-9.24e-002	-4.04
	447	1.83e-002	1.19e-003	-2.87e-002	0.12	4.07e-002	-4.25
173	446	1.09e-002	7.06e-004	-0.36	4.06e-002	-1.75e-002	-3.87
	230	-1.49e-002	-0.40	-0.35	0.17	-4.61e-002	-3.81
	231	-8.96e-003	-0.40	-0.24	0.41	-5.27e-002	-3.90
	224	1.69e-002	1.10e-003	-0.26	2.04e-002	7.38e-003	-3.96
174	223	9.13e-003	5.93e-004	-0.57	-4.07e-003	-1.25e-002	-3.78
	477	-8.43e-003	-0.27	-0.55	8.57e-002	-4.93e-002	-3.77
	230	-6.69e-003	-0.27	-0.45	0.13	-3.28e-002	-3.83
	446	1.09e-002	7.06e-004	-0.48	8.11e-003	-1.29e-003	-3.84
175	445	4.35e-003	2.83e-004	-0.84	-4.72e-002	-2.39e-002	-3.64
	476	-1.41e-003	-8.83e-002	-0.80	0.16	-0.13	-3.65
	477	3.37e-003	-8.80e-002	-0.64	6.16e-002	-4.63e-002	-3.76
	223	9.13e-003	5.93e-004	-0.68	1.89e-002	-9.63e-003	-3.75
176	222	2.72e-002	1.77e-003	-0.91	-9.28e-002	-5.71e-002	-3.22
	475	3.73e-002	0.16	-0.86	0.55	-0.39	-3.30
	476	1.44e-002	0.16	-0.90	0.14	-0.11	-3.63
	445	4.35e-003	2.83e-004	-0.94	6.82e-002	-3.59e-002	-3.55
177	444	0.38	2.46e-002	-1.30	0.24	-3.12e-002	-2.02
	474	0.40	0.29	-1.19	2.13	-0.84	-2.47
	475	4.43e-002	0.26	-0.82	0.63	-0.38	-3.32
	222	2.72e-002	1.77e-003	-0.94	0.28	-0.16	-2.88
178	193	-2.39	-0.16	-1.27	16.52	2.68	0.55
	423	-2.36	0.40	-0.11	0.66	3.21	-2.88
	474	0.41	0.58	-1.17	3.25	-2.81	-2.51
	444	0.38	2.46e-002	-2.33	1.87	-1.84	0.92
229	432	0.21	1.09	0.51	-0.32	-2.28	1.32
	442	0.17	0.49	-1.16	0.18	0.38	-0.24
	443	-1.16	0.40	-0.86	-13.16	-11.90	-2.04
	433	-1.13	1.00	0.81	6.21	-5.81	-0.48
230	431	4.27e-002	0.17	0.54	6.06e-002	-1.36	2.74
	441	4.94e-002	0.28	0.14	0.35	-0.59	2.74
	442	0.15	0.28	5.56e-002	0.29	-4.12	1.85
	432	0.15	0.18	0.46	-0.19	-2.31	1.86
231	430	7.69e-003	-0.14	0.22	-4.33e-003	-0.42	3.03
	440	-3.50e-003	-0.31	1.79e-002	9.15e-002	-0.29	3.04
	441	1.11e-002	-0.31	0.13	0.11	-1.26	2.81
	431	2.23e-002	-0.14	0.33	-6.26e-002	-0.86	2.79
232	429	9.40e-004	-0.30	6.96e-002	-1.67e-002	-0.12	3.16
	439	-1.86e-002	-0.60	6.78e-003	2.17e-002	-9.13e-002	3.15
	440	-2.22e-002	-0.60	4.71e-002	1.97e-002	-0.42	3.07

	430	-2.64e-003	-0.30	0.11	-5.87e-002	-0.30	3.07
233	428	-6.38e-003	-0.32	-9.40e-002	-1.08e-003	-2.95e-002	3.20
	438	-2.63e-002	-0.62	-4.92e-002	3.94e-003	-8.35e-003	3.19
	439	-2.00e-002	-0.62	1.23e-002	4.80e-003	-0.14	3.17
	429	-1.27e-004	-0.32	-3.25e-002	-3.33e-002	-9.21e-002	3.17
234	427	-1.67e-002	-0.17	-0.24	3.13e-002	1.69e-002	3.19
	437	-3.17e-002	-0.40	-8.06e-002	-4.68e-003	5.75e-002	3.19
	438	-1.17e-002	-0.40	-3.83e-002	-3.60e-004	-4.53e-002	3.20
	428	3.33e-003	-0.17	-0.19	-5.32e-003	-1.62e-002	3.20
235	426	-1.58e-002	0.15	-0.41	0.11	0.10	3.12
	436	-2.10e-002	6.99e-002	-0.15	-1.77e-002	0.21	3.11
	437	-1.18e-003	7.12e-002	-6.93e-002	-6.92e-003	-2.03e-003	3.17
	427	4.05e-003	0.15	-0.33	2.99e-002	3.40e-002	3.19
236	425	-3.13e-003	0.61	-0.53	0.33	0.35	2.89
	435	8.50e-003	0.79	-0.11	-4.08e-002	0.64	2.85
	436	2.59e-002	0.79	-0.12	-2.09e-002	5.81e-002	3.06
	426	1.43e-002	0.61	-0.54	0.10	0.13	3.10
237	424	-0.20	1.22	-0.92	0.77	1.21	2.25
	434	-0.16	1.84	-0.39	-2.54e-002	1.93	2.16
	435	7.74e-002	1.85	-0.12	-5.35e-002	0.29	2.71
	425	3.74e-002	1.24	-0.65	0.28	0.40	2.80
238	403	-0.20	1.83	-0.41	0.52	3.75	0.82
	413	-0.11	3.30	-0.18	0.78	5.14	0.69
	434	-6.66e-002	3.30	-0.62	-0.15	1.26	1.76
	424	-0.16	1.84	-0.85	0.59	1.38	1.88
239	422	-0.37	0.51	0.86	2.02	-4.27	0.75
	432	-0.33	1.06	0.76	0.75	-1.90	1.36
	433	-1.36	0.99	0.73	-6.48	-4.63	-0.51
	423	-1.39	0.44	0.83	11.67	1.28	-1.11
240	421	-4.46e-002	6.71e-002	0.33	0.61	-0.72	2.36
	431	-3.80e-002	0.17	0.58	0.19	-1.38	2.70
	432	-0.39	0.15	0.71	1.19	-1.74	2.13
	422	-0.40	4.40e-002	0.46	0.80	-1.69	1.79
241	420	-3.34e-002	-6.34e-002	0.28	0.10	-0.17	2.96
	430	-3.85e-002	-0.14	0.27	-6.69e-004	-0.40	3.02
	431	-5.84e-002	-0.14	0.36	0.33	-0.72	2.80
	421	-5.32e-002	-6.46e-002	0.37	-6.00e-002	-0.69	2.74
242	419	-3.14e-002	-0.13	7.38e-002	6.68e-003	-4.95e-002	3.15
	429	-4.28e-002	-0.30	7.01e-002	-2.37e-002	-0.11	3.16
	430	-4.89e-002	-0.30	0.17	6.37e-002	-0.25	3.07
	420	-3.75e-002	-0.13	0.17	-9.15e-002	-0.22	3.07
243	418	-3.68e-002	-0.14	-0.14	4.52e-003	-1.17e-002	3.21
	428	-4.86e-002	-0.32	-0.13	-1.19e-002	-2.92e-002	3.20
	429	-4.39e-002	-0.32	-3.20e-002	1.02e-002	-7.52e-002	3.18
	419	-3.20e-002	-0.14	-3.56e-002	-4.55e-002	-6.30e-002	3.18
244	417	-4.31e-002	-6.06e-002	-0.33	3.20e-002	8.50e-003	3.21
	427	-5.02e-002	-0.17	-0.31	4.27e-003	7.77e-003	3.21
	428	-3.89e-002	-0.17	-0.23	1.21e-002	-1.10e-002	3.21
	418	-3.18e-002	-5.99e-002	-0.25	-1.05e-002	-1.37e-002	3.22
245	416	-5.70e-002	9.23e-002	-0.58	0.11	4.45e-002	3.18
	426	-5.34e-002	0.15	-0.55	3.07e-002	6.39e-002	3.16
	427	-2.94e-002	0.15	-0.41	4.10e-002	3.25e-002	3.19
	417	-3.31e-002	9.38e-002	-0.44	2.24e-002	1.08e-002	3.21
246	415	-6.34e-002	0.34	-0.67	0.34	0.16	3.03
	425	-4.56e-002	0.61	-0.64	8.91e-002	0.25	2.97
	426	-2.34e-002	0.61	-0.67	0.12	0.12	3.11
	416	-4.11e-002	0.34	-0.70	8.77e-002	5.57e-002	3.16

247	414	-6.45e-002	0.58	-1.13	1.05	0.60	2.53
	424	-2.19e-002	1.23	-1.23	0.22	0.95	2.37
	425	-5.07e-003	1.23	-0.77	0.34	0.35	2.83
	415	-4.76e-002	0.58	-0.67	0.26	0.19	2.99
248	393	-0.70	0.86	-0.46	1.48	2.59	0.93
	403	-0.64	1.80	-0.39	0.78	3.33	0.75
	424	1.81e-002	1.85	-1.16	0.74	1.12	1.93
	414	-4.34e-002	0.90	-1.22	0.59	0.45	2.11
249	383	0.13	8.35e-003	1.79	2.06	-1.76	-2.68
	422	0.16	0.54	1.02	2.53	-3.59	0.44
	423	-2.36	0.38	0.80	-0.54	1.82	-0.47
	193	-2.39	-0.16	1.58	17.33	2.22	-3.59
250	221	7.94e-002	5.16e-003	0.59	0.27	-0.14	2.05
	421	8.40e-002	7.55e-002	0.32	0.40	-0.52	2.31
	422	0.13	7.86e-002	0.62	2.03	-1.27	1.01
	383	0.13	8.35e-003	0.89	-0.43	-0.23	0.74
251	380	5.64e-003	3.67e-004	0.36	6.13e-002	-3.10e-002	2.91
	420	1.65e-003	-6.11e-002	0.32	4.40e-002	-0.12	2.96
	421	7.54e-002	-5.63e-002	0.37	0.55	-0.52	2.51
	221	7.94e-002	5.16e-003	0.41	-0.30	-0.11	2.46
252	220	6.96e-003	4.52e-004	7.56e-002	1.38e-002	-7.01e-003	3.15
	419	-1.19e-003	-0.12	7.21e-002	-9.50e-003	-3.47e-002	3.15
	420	-2.51e-003	-0.13	0.21	0.12	-0.16	3.02
	380	5.64e-003	3.67e-004	0.22	-0.11	-3.77e-002	3.02
253	379	5.54e-003	3.60e-004	-0.17	4.95e-003	-9.73e-004	3.21
	418	-3.19e-003	-0.13	-0.16	-5.47e-003	-9.26e-003	3.21
	419	-1.76e-003	-0.13	-3.74e-002	2.57e-002	-4.34e-002	3.18
	220	6.96e-003	4.52e-004	-4.41e-002	-3.64e-002	-1.14e-002	3.18
254	219	4.21e-003	2.74e-004	-0.41	9.06e-003	2.29e-003	3.22
	417	4.41e-004	-5.78e-002	-0.38	8.01e-003	3.63e-003	3.22
	418	1.77e-003	-5.77e-002	-0.27	1.19e-002	-8.60e-003	3.22
	379	5.54e-003	3.60e-004	-0.30	-9.88e-003	-3.21e-003	3.22
255	376	-7.04e-003	-4.58e-004	-0.69	3.08e-002	9.18e-003	3.20
	416	-7.79e-004	0.10	-0.65	3.19e-002	2.39e-002	3.19
	417	1.05e-002	0.10	-0.49	2.89e-002	9.22e-003	3.21
	219	4.21e-003	2.74e-004	-0.53	-2.91e-004	-2.64e-004	3.22
256	218	1.47e-002	9.54e-004	-0.85	0.11	3.22e-002	3.11
	415	3.68e-002	0.34	-0.79	7.74e-002	8.78e-002	3.09
	416	1.51e-002	0.34	-0.77	8.93e-002	4.52e-002	3.16
	376	-7.04e-003	-4.58e-004	-0.83	5.39e-003	2.71e-003	3.19
257	375	0.26	1.70e-002	-1.32	0.43	0.12	2.74
	414	0.30	0.60	-1.15	0.10	0.34	2.68
	415	5.26e-002	0.58	-0.79	0.27	0.16	2.99
	218	1.47e-002	9.54e-004	-0.96	7.20e-003	1.13e-002	3.05
258	190	-1.64	-0.11	-1.24	2.32	0.68	1.40
	393	-1.58	0.80	-0.41	1.18	2.14	0.79
	414	0.32	0.92	-1.25	0.89	8.88e-002	2.15
	375	0.26	1.70e-002	-2.08	0.17	-8.28e-002	2.75
259	402	-0.14	1.81	0.86	0.54	0.93	-0.26
	412	-4.47e-002	3.35	0.64	6.78e-002	1.30	-0.23
	413	-0.11	3.34	0.20	-0.22	2.73	0.26
	403	-0.21	1.81	0.42	1.11	2.54	0.24
260	401	2.54e-002	1.29	0.66	0.28	0.26	-0.81
	411	7.07e-002	1.99	0.14	3.80e-002	0.31	-0.74
	412	-0.13	1.98	0.41	5.98e-002	1.18	-0.39
	402	-0.18	1.28	0.93	0.57	0.81	-0.46
261	400	2.76e-003	0.73	0.56	0.12	8.92e-002	-1.05

	410	1.92e-002	0.98	0.15	1.14e-002	8.19e-002	-1.01
	411	5.11e-003	0.98	0.14	-4.51e-003	0.45	-0.85
	401	-1.13e-002	0.73	0.55	0.29	0.24	-0.88
262	399	-4.98e-003	0.29	0.37	7.00e-002	3.28e-002	-1.14
	409	-5.53e-003	0.28	8.93e-002	-7.42e-004	4.48e-002	-1.13
	410	-2.64e-002	0.28	0.16	-7.73e-003	0.15	-1.06
	400	-2.58e-002	0.29	0.44	0.12	7.36e-002	-1.07
263	398	-4.22e-003	-3.75e-002	0.24	0.11	2.01e-002	-1.22
	408	-1.50e-002	-0.20	5.75e-002	-1.46e-002	9.32e-002	-1.23
	409	-3.72e-002	-0.21	0.10	-1.43e-003	4.64e-002	-1.16
	399	-2.64e-002	-3.90e-002	0.28	7.19e-002	3.25e-002	-1.15
264	397	-6.63e-003	-0.23	0.10	0.34	3.67e-002	-1.41
	407	-2.37e-002	-0.49	1.69e-002	-5.70e-002	0.31	-1.45
	408	-3.38e-002	-0.49	6.44e-002	4.93e-003	-9.03e-004	-1.26
	398	-1.67e-002	-0.23	0.15	0.12	5.16e-002	-1.22
265	396	-2.49e-003	-0.28	-4.29e-002	1.13	7.24e-002	-2.03
	406	-2.16e-002	-0.58	-3.61e-002	-0.20	1.08	-2.17
	407	-2.94e-002	-0.58	2.36e-002	1.05e-002	-6.95e-002	-1.54
	397	-1.03e-002	-0.28	1.69e-002	0.38	0.19	-1.40
266	395	2.49e-002	-0.23	-0.19	3.94	-3.83e-002	-4.17
	405	1.09e-002	-0.45	-5.38e-002	-0.38	3.77	-4.75
	406	-1.31e-002	-0.45	-1.97e-002	2.40e-002	-0.37	-2.52
	396	9.69e-004	-0.23	-0.15	1.37	0.79	-1.94
267	394	-6.36e-002	-7.50e-002	-0.49	14.37	0.44	-10.11
	404	-5.96e-002	-1.36e-002	-0.21	5.39	12.38	-13.80
	405	3.94e-002	-7.19e-003	-5.42e-002	0.86	-1.48	-7.09
	395	3.54e-002	-6.86e-002	-0.33	5.76	2.27	-3.40
268	353	-0.99	0.19	-0.15	-6.48	29.07	4.17
	363	-0.97	0.51	0.22	186.34	11.07	-33.27
	404	-2.15e-002	0.57	-1.80e-002	20.50	-8.76	-46.46
	394	-4.26e-002	0.25	-0.39	29.53	-20.82	-9.02
269	392	-2.85e-002	0.83	1.26	0.72	0.15	-0.46
	402	3.62e-002	1.83	1.14	0.73	0.80	-0.34
	403	-0.64	1.78	0.44	0.15	2.32	0.37
	393	-0.71	0.79	0.56	1.93	2.11	0.25
270	391	-3.24e-002	0.57	0.72	0.31	9.42e-002	-1.01
	401	1.47e-002	1.29	0.78	0.35	0.19	-0.84
	402	1.52e-003	1.29	1.21	0.44	0.69	-0.53
	392	-4.56e-002	0.57	1.14	0.87	0.38	-0.70
271	390	-3.99e-002	0.39	0.73	0.12	2.62e-002	-1.12
	400	-1.78e-002	0.73	0.70	0.14	6.91e-002	-1.06
	401	-2.20e-002	0.73	0.67	0.17	0.18	-0.96
	391	-4.42e-002	0.39	0.71	0.31	9.40e-002	-1.02
272	389	-3.51e-002	0.16	0.50	6.31e-002	4.21e-003	-1.15
	399	-2.69e-002	0.29	0.46	6.65e-002	2.24e-002	-1.13
	400	-4.64e-002	0.29	0.58	7.39e-002	4.97e-002	-1.10
	390	-5.46e-002	0.16	0.62	0.12	2.57e-002	-1.12
273	388	-3.30e-002	4.33e-003	0.33	0.10	-3.23e-003	-1.17
	398	-3.59e-002	-3.96e-002	0.30	7.82e-002	2.35e-003	-1.18
	399	-4.83e-002	-4.04e-002	0.37	6.11e-002	2.17e-002	-1.16
	389	-4.55e-002	3.52e-003	0.40	6.78e-002	1.66e-003	-1.15
274	387	-3.24e-002	-9.19e-002	0.14	0.27	-5.09e-003	-1.19
	397	-4.14e-002	-0.23	0.12	0.21	-1.78e-002	-1.26
	398	-4.84e-002	-0.23	0.21	0.14	3.89e-002	-1.22
	388	-3.93e-002	-9.24e-002	0.22	0.11	-1.94e-002	-1.15
275	386	-3.35e-002	-0.12	-6.89e-002	0.80	4.16e-002	-1.22
	396	-4.41e-002	-0.29	-7.37e-002	0.76	-0.10	-1.46

	397	-4.50e-002	-0.29	3.59e-002	0.44	0.16	-1.40
	387	-3.45e-002	-0.12	4.06e-002	0.32	-8.24e-002	-1.16
276	385	-1.98e-002	-0.11	-0.19	1.96	0.57	-1.02
	395	-2.81e-002	-0.23	-0.20	3.17	-0.57	-1.81
	396	-4.07e-002	-0.23	-0.18	1.52	0.67	-1.97
	386	-3.23e-002	-0.11	-0.17	0.96	-0.37	-1.17
277	384	-0.17	-0.10	-0.48	3.80	4.29	1.29
	394	-0.17	-8.18e-002	-0.64	13.55	-1.11	-1.42
	395	-1.77e-002	-7.20e-002	-0.35	5.53	2.14	-3.46
	385	-1.91e-002	-9.46e-002	-0.18	2.60	-1.32	-0.75
278	343	-1.16	6.17e-002	-0.23	-77.51	-11.59	2.63
	353	-1.15	0.18	-0.14	114.92	30.50	-1.54
	394	-0.15	0.24	-0.55	16.12	-22.21	-5.48
	384	-0.15	0.13	-0.65	5.43	12.02	-1.30
279	372	0.19	1.22e-002	1.80	0.25	-0.20	-1.19
	392	0.24	0.85	1.25	0.95	-7.93e-002	-0.55
	393	-1.58	0.73	0.61	0.70	1.79	0.41
	190	-1.64	-0.11	1.16	2.81	0.69	-0.22
280	217	7.66e-003	4.98e-004	0.94	4.05e-002	-9.59e-003	-1.12
	391	4.48e-002	0.57	0.84	0.29	7.56e-002	-1.02
	392	0.23	0.58	1.13	0.37	0.21	-0.88
	372	0.19	1.22e-002	1.23	0.31	9.13e-002	-0.98
281	371	-8.41e-003	-5.46e-004	0.85	1.54e-002	-1.90e-003	-1.15
	390	1.70e-002	0.39	0.81	0.11	2.13e-002	-1.12
	391	3.31e-002	0.39	0.82	0.16	4.26e-002	-1.09
	217	7.66e-003	4.98e-004	0.86	6.60e-002	2.18e-002	-1.12
282	216	2.36e-006	1.54e-007	0.60	6.34e-003	-5.62e-004	-1.15
	389	1.08e-002	0.17	0.56	5.60e-002	1.89e-003	-1.14
	390	2.37e-003	0.17	0.70	6.90e-002	1.05e-002	-1.14
	371	-8.41e-003	-5.46e-004	0.74	1.98e-002	5.80e-003	-1.15
283	368	1.59e-003	1.03e-004	0.38	4.52e-003	9.26e-004	-1.13
	388	2.01e-003	6.61e-003	0.36	8.35e-002	-6.94e-003	-1.14
	389	4.25e-004	6.51e-003	0.46	4.93e-002	-2.34e-003	-1.16
	216	2.36e-006	1.54e-007	0.48	1.33e-002	-4.10e-004	-1.15
284	215	5.93e-003	3.85e-004	0.16	1.44e-002	6.16e-003	-1.08
	387	6.93e-005	-8.98e-002	0.15	0.23	-1.58e-002	-1.12
	388	-4.27e-003	-9.01e-002	0.25	0.10	-1.96e-002	-1.16
	368	1.59e-003	1.03e-004	0.27	2.79e-002	-7.53e-003	-1.12
285	367	5.74e-003	3.73e-004	-8.38e-002	9.04e-002	3.32e-002	-0.95
	386	-2.22e-003	-0.12	-8.29e-002	0.68	1.24e-002	-1.07
	387	-2.03e-003	-0.12	5.23e-002	0.28	-8.24e-002	-1.16
	215	5.93e-003	3.85e-004	5.14e-002	8.56e-002	-2.82e-002	-1.04
286	214	3.96e-002	2.57e-003	-0.22	0.53	0.17	-0.79
	385	3.28e-002	-0.10	-0.21	1.55	0.48	-1.07
	386	-1.04e-003	-0.10	-0.19	0.81	-0.36	-1.12
	367	5.74e-003	3.73e-004	-0.20	0.24	-8.78e-002	-0.84
287	364	0.19	1.25e-002	-0.60	1.61	0.40	-2.66
	384	0.19	-8.12e-002	-0.48	-3.00	2.94	-1.76
	385	3.35e-002	-9.11e-002	-0.21	1.41	-0.61	-0.28
	214	3.96e-002	2.57e-003	-0.32	-5.99e-002	0.12	-1.17
288	187	-1.91	-0.12	-0.97	-147.12	-20.43	-18.88
	343	-1.91	1.31e-002	-0.23	42.11	-13.08	5.36
	384	0.20	0.15	-0.65	-8.38	10.72	-1.09
	364	0.19	1.25e-002	-1.40	-11.67	14.32	-25.34
329	352	-4.38e-003	0.13	0.58	23.43	-22.08	6.52
	362	1.12e-002	0.37	6.78e-002	22.23	-3.50	38.20
	363	-0.99	0.31	-0.21	175.09	-8.41	23.49

	353	-1.00	6.80e-002	0.30	-3.93	15.74	-8.18
330	351	6.45e-002	-0.39	0.45	3.77	1.67	3.12
	361	5.38e-002	-0.56	4.55e-002	-0.22	-1.60	4.57
	362	-4.98e-002	-0.57	0.25	2.22	7.05	9.08
	352	-3.90e-002	-0.40	0.66	7.38	-0.88	7.63
331	350	3.01e-002	-0.73	0.27	0.87	0.57	1.54
	360	-2.38e-003	-1.23	3.57e-002	-0.23	-0.68	1.88
	361	1.03e-002	-1.23	5.42e-002	-0.21	2.52	3.41
	351	4.28e-002	-0.73	0.28	2.31	-0.28	3.07
332	349	1.41e-002	-0.92	6.24e-002	0.19	0.17	1.19
	359	-2.57e-002	-1.53	-6.51e-003	-8.20e-002	-0.19	1.26
	360	-2.19e-002	-1.53	6.54e-002	-0.13	0.69	1.67
	350	1.80e-002	-0.92	0.13	0.54	-8.95e-002	1.60
333	348	7.56e-003	-0.93	-0.10	4.65e-002	4.74e-002	1.11
	358	-3.26e-002	-1.55	-4.66e-002	-2.42e-002	-3.97e-002	1.12
	359	-2.72e-002	-1.55	7.61e-003	-3.81e-002	0.18	1.22
	349	1.29e-002	-0.93	-4.11e-002	0.12	-1.82e-002	1.21
334	347	-3.81e-003	-0.77	-0.25	2.79e-002	2.16e-002	1.07
	357	-3.85e-002	-1.31	-8.45e-002	-9.88e-003	1.96e-002	1.07
	358	-1.65e-002	-1.30	-3.63e-002	-1.17e-002	4.21e-002	1.11
	348	1.83e-002	-0.77	-0.20	3.13e-002	2.88e-003	1.11
335	346	-2.13e-003	-0.42	-0.44	6.90e-002	4.20e-002	1.03
	356	-2.61e-002	-0.79	-0.15	-1.28e-002	0.10	1.02
	357	-4.99e-003	-0.79	-6.95e-002	-8.35e-003	7.35e-003	1.07
	347	1.90e-002	-0.42	-0.35	2.63e-002	1.76e-002	1.07
336	345	3.15e-003	8.89e-002	-0.55	0.22	0.16	0.89
	355	-2.66e-003	-5.46e-004	-0.11	-2.21e-002	0.33	0.86
	356	2.54e-002	1.28e-003	-0.12	-1.43e-002	7.86e-003	0.99
	346	3.12e-002	9.08e-002	-0.57	7.01e-002	5.08e-002	1.02
337	344	-0.20	0.76	-0.96	0.55	0.65	0.54
	354	-0.17	1.14	-0.41	5.03e-003	0.98	0.46
	355	7.22e-002	1.15	-0.12	-1.91e-002	0.12	0.77
	345	4.79e-002	0.78	-0.68	0.20	0.14	0.84
338	323	-0.23	1.45	-0.45	0.97	2.34	-0.15
	333	-0.15	2.74	-0.19	-5.34e-002	2.51	-0.23
	354	-6.93e-002	2.75	-0.64	-2.05e-002	0.87	0.25
	344	-0.15	1.46	-0.90	0.41	0.56	0.33
339	342	-6.82e-002	6.96e-002	0.86	4.92	6.24	-0.40
	352	-6.43e-002	0.13	0.77	12.49	-23.14	3.94
	353	-1.16	5.79e-002	0.32	111.31	20.71	-3.06
	343	-1.16	-1.48e-003	0.41	-75.41	-13.14	-7.40
340	341	-4.26e-002	-0.24	0.32	1.72	-1.13	1.16
	351	-5.32e-002	-0.40	0.52	4.00	1.12	2.96
	352	-0.10	-0.40	0.85	13.95	-1.02	1.27
	342	-8.83e-002	-0.24	0.65	-1.12	2.08	-0.54
341	340	-2.79e-002	-0.34	0.31	0.50	-0.13	1.07
	350	-5.34e-002	-0.73	0.32	0.92	0.56	1.48
	351	-7.50e-002	-0.74	0.35	1.68	-0.70	1.41
	341	-4.95e-002	-0.34	0.34	1.25	1.61e-002	1.00e+000
342	339	-2.30e-002	-0.44	7.05e-002	0.12	-1.13e-002	1.09
	349	-5.43e-002	-0.92	6.53e-002	0.20	0.17	1.18
	350	-6.55e-002	-0.92	0.19	0.24	-0.22	1.19
	340	-3.42e-002	-0.44	0.19	0.41	-5.30e-002	1.10
343	338	-2.67e-002	-0.44	-0.14	2.97e-002	1.62e-003	1.09
	348	-5.88e-002	-0.94	-0.14	4.49e-002	4.79e-002	1.11
	349	-5.55e-002	-0.94	-3.82e-002	3.08e-002	-5.36e-002	1.12
	339	-2.34e-002	-0.44	-4.21e-002	0.10	-1.48e-002	1.10

344	337	-3.44e-002	-0.36	-0.35	2.28e-002	3.47e-003	1.08
	347	-6.12e-002	-0.78	-0.33	1.43e-002	1.67e-002	1.08
	348	-4.81e-002	-0.77	-0.24	8.74e-003	-6.01e-003	1.09
	338	-2.13e-002	-0.36	-0.26	2.92e-002	-2.06e-004	1.09
345	336	-5.05e-002	-0.19	-0.60	6.49e-002	1.04e-002	1.06
	346	-6.56e-002	-0.43	-0.57	2.33e-002	2.42e-002	1.05
	347	-3.85e-002	-0.42	-0.43	2.30e-002	1.47e-002	1.07
	337	-2.34e-002	-0.19	-0.46	2.36e-002	7.67e-003	1.08
346	335	-6.33e-002	7.67e-002	-0.70	0.22	4.96e-002	0.99
	345	-6.28e-002	8.47e-002	-0.68	7.95e-002	0.11	0.95
	346	-3.23e-002	8.66e-002	-0.71	7.81e-002	4.52e-002	1.02
	336	-3.28e-002	7.86e-002	-0.73	6.64e-002	2.56e-002	1.06
347	334	-2.82e-002	0.35	-1.18	0.78	0.30	0.73
	344	-6.48e-004	0.77	-1.28	0.26	0.52	0.60
	345	-1.80e-002	0.77	-0.81	0.24	0.11	0.86
	335	-4.55e-002	0.35	-0.70	0.22	6.36e-002	0.99
348	313	-0.72	0.64	-0.53	1.69	1.91	-0.15
	323	-0.67	1.42	-0.45	0.31	2.16	-0.33
	344	4.44e-002	1.47	-1.22	0.55	0.42	0.35
	334	-6.20e-003	0.69	-1.30	0.52	-3.99e-002	0.53
349	302	0.25	1.62e-002	1.65	-11.36	9.95	20.00
	342	0.25	9.06e-002	0.86	-6.29	6.70	-0.79
	343	-1.91	-5.00e-002	0.42	41.04	-11.95	-9.20
	187	-1.91	-0.12	1.21	-142.66	-17.67	11.58
350	213	6.20e-002	4.03e-003	0.59	0.38	-0.18	0.42
	341	4.66e-002	-0.23	0.39	1.24	-1.26	0.85
	342	0.23	-0.22	0.66	2.10	2.27	1.36
	302	0.25	1.62e-002	0.86	1.45	0.51	0.93
351	301	1.74e-002	1.13e-003	0.38	0.15	-4.69e-002	0.88
	340	-4.81e-003	-0.34	0.34	0.44	-0.15	1.06
	341	3.98e-002	-0.34	0.40	1.07	4.37e-002	0.90
	213	6.20e-002	4.03e-003	0.44	0.23	5.01e-002	0.72
352	212	1.95e-002	1.26e-003	8.52e-002	3.83e-002	-8.10e-003	1.04
	339	-8.98e-003	-0.44	7.24e-002	0.11	-2.07e-002	1.09
	340	-1.11e-002	-0.44	0.22	0.35	-3.98e-002	1.02
	301	1.74e-002	1.13e-003	0.24	-1.87e-002	-1.01e-003	0.98
353	298	1.67e-002	1.09e-003	-0.17	9.35e-003	-1.06e-003	1.08
	338	-1.22e-002	-0.44	-0.16	2.77e-002	-2.17e-003	1.09
	339	-9.43e-003	-0.44	-4.03e-002	9.10e-002	-1.15e-002	1.07
	212	1.95e-002	1.26e-003	-4.89e-002	-1.26e-002	-1.25e-003	1.06
354	211	1.51e-002	9.78e-004	-0.43	4.54e-003	5.36e-004	1.09
	337	-8.46e-003	-0.36	-0.40	1.35e-002	3.75e-004	1.09
	338	-6.80e-003	-0.36	-0.28	2.44e-002	-1.07e-004	1.08
	298	1.67e-002	1.09e-003	-0.31	-2.56e-003	-1.37e-004	1.08
355	297	3.00e-003	1.95e-004	-0.73	1.24e-002	2.66e-003	1.08
	336	-9.44e-003	-0.19	-0.68	2.80e-002	1.74e-003	1.08
	337	2.61e-003	-0.19	-0.51	2.09e-002	6.58e-003	1.08
	211	1.51e-002	9.78e-004	-0.57	1.94e-003	1.07e-004	1.08
356	210	2.69e-002	1.75e-003	-0.90	5.96e-002	1.25e-002	1.06
	335	3.22e-002	8.29e-002	-0.84	8.13e-002	1.54e-002	1.04
	336	8.27e-003	8.13e-002	-0.80	6.15e-002	2.28e-002	1.06
	297	3.00e-003	1.95e-004	-0.87	8.12e-003	-3.02e-004	1.08
357	294	0.27	1.77e-002	-1.38	0.28	6.28e-002	0.93
	334	0.30	0.37	-1.19	0.17	0.15	0.87
	335	4.99e-002	0.36	-0.84	0.20	6.23e-002	9.98e-001
	210	2.69e-002	1.75e-003	-1.03	2.03e-002	-1.85e-003	1.05
358	181	-1.68	-0.11	-1.29	2.39	0.56	0.22

	313	-1.63	0.58	-0.51	0.82	1.60	-0.32
	334	0.32	0.71	-1.31	0.73	-0.21	0.57
	294	0.27	1.77e-002	-2.09	0.22	-0.13	1.11
359	322	-0.14	1.48	0.87	0.62	1.55	-1.66
	332	-5.46e-002	2.86	0.65	-5.52e-002	1.44	-1.61
	333	-0.14	2.85	0.19	0.62	4.89	-0.63
	323	-0.23	1.48	0.42	0.50	3.51	-0.69
360	321	3.49e-002	0.94	0.67	0.30	0.47	-2.53
	331	6.86e-002	1.46	0.14	1.77e-004	0.42	-2.46
	332	-0.15	1.45	0.42	-1.09e-002	1.90	-1.93
	322	-0.18	0.93	0.94	0.71	1.22	-2.01
361	320	1.08e-002	0.36	0.57	0.13	0.15	-2.84
	330	1.50e-002	0.42	0.15	1.73e-003	0.12	-2.80
	331	1.05e-003	0.42	0.14	-2.83e-002	0.67	-2.59
	321	-3.14e-003	0.36	0.56	0.34	0.38	-2.63
362	319	2.86e-003	-9.44e-002	0.37	5.22e-002	3.87e-002	-2.95
	329	-1.03e-002	-0.30	8.93e-002	-1.01e-003	2.50e-002	-2.93
	330	-3.20e-002	-0.30	0.17	-1.40e-002	0.23	-2.85
	320	-1.88e-002	-0.10	0.45	0.13	0.12	-2.87
363	318	3.59e-003	-0.43	0.25	4.79e-002	-2.59e-002	-2.99
	328	-2.01e-002	-0.80	5.80e-002	-8.13e-003	-1.01e-002	-2.99
	329	-4.30e-002	-0.80	0.10	-4.80e-003	5.64e-002	-2.95
	319	-1.93e-002	-0.44	0.29	5.61e-002	2.57e-002	-2.95
364	317	1.24e-003	-0.63	0.10	0.15	-0.13	-3.06
	327	-2.89e-002	-1.10	1.53e-002	-3.55e-002	-9.24e-003	-3.08
	328	-3.95e-002	-1.10	6.55e-002	1.03e-004	-4.74e-002	-3.00
	318	-9.27e-003	-0.63	0.15	5.94e-002	-1.66e-002	-2.98
365	316	2.32e-003	-0.69	-4.11e-002	0.63	-0.41	-3.34
	326	-2.99e-002	-1.18	-3.41e-002	-0.13	0.14	-3.42
	327	-3.47e-002	-1.18	2.17e-002	3.75e-003	-0.24	-3.11
	317	-2.47e-003	-0.69	1.47e-002	0.20	-4.25e-002	-3.02
366	315	2.55e-002	-0.63	-0.19	2.52	-1.36	-4.47
	325	-1.99e-003	-1.05	-6.24e-002	-0.16	0.97	-4.89
	326	-2.12e-002	-1.05	-1.73e-002	2.92e-002	-0.84	-3.61
	316	6.30e-003	-0.63	-0.15	0.88	2.10e-002	-3.19
367	314	-2.73e-002	-0.45	-0.44	9.72	-3.29	-7.58
	324	-3.93e-002	-0.63	-0.17	4.60	3.68	-10.29
	325	2.53e-002	-0.63	-5.95e-002	0.78	-2.51	-6.48
	315	3.73e-002	-0.44	-0.34	4.13	-5.19e-002	-3.77
368	277	-0.96	-0.12	-0.24	-3.17	13.47	8.97
	283	-0.97	-0.20	0.27	146.13	-10.43	-20.60
	324	-6.80e-003	-0.13	0.13	17.52	-8.89	-35.37
	314	-1.68e-003	-5.46e-002	-0.39	22.42	-22.51	-5.80
369	312	-2.90e-002	0.68	1.28	0.63	0.57	-1.87
	322	2.42e-002	1.50	1.17	0.77	1.30	-1.75
	323	-0.67	1.45	0.42	0.61	3.10	-0.67
	313	-0.72	0.63	0.53	1.44	2.43	-0.79
370	311	-2.87e-002	0.40	0.72	0.29	0.21	-2.72
	321	6.57e-003	0.94	0.79	0.38	0.40	-2.56
	322	-1.18e-002	0.94	1.24	0.30	0.98	-2.12
	312	-4.71e-002	0.40	1.16	0.97	0.62	-2.28
371	310	-3.44e-002	0.20	0.75	0.11	5.85e-002	-2.91
	320	-2.44e-002	0.36	0.71	0.15	0.13	-2.85
	321	-3.15e-002	0.36	0.68	0.14	0.29	-2.71
	311	-4.15e-002	0.20	0.71	0.36	0.19	-2.77
372	309	-2.85e-002	-2.95e-002	0.51	4.31e-002	7.24e-003	-2.97
	319	-3.29e-002	-0.10	0.46	6.13e-002	3.20e-002	-2.95

	320	-5.40e-002	-0.10	0.59	6.05e-002	8.39e-002	-2.90
	310	-4.96e-002	-3.09e-002	0.63	0.13	5.62e-002	-2.93
373	308	-2.64e-002	-0.19	0.33	3.40e-002	-2.62e-002	-2.97
	318	-4.22e-002	-0.44	0.30	4.55e-002	-2.90e-002	-2.97
	319	-5.50e-002	-0.44	0.38	3.24e-002	1.53e-002	-2.97
	309	-3.92e-002	-0.19	0.41	5.50e-002	6.22e-003	-2.97
374	307	-2.56e-002	-0.29	0.14	0.10	-9.26e-002	-2.93
	317	-4.78e-002	-0.63	0.12	0.12	-0.14	-2.97
	318	-5.51e-002	-0.63	0.21	5.78e-002	-1.90e-002	-2.99
	308	-3.29e-002	-0.29	0.22	5.91e-002	-3.60e-002	-2.96
375	306	-2.78e-002	-0.32	-6.87e-002	0.37	-0.26	-2.78
	316	-5.16e-002	-0.69	-7.23e-002	0.51	-0.47	-2.93
	317	-5.15e-002	-0.69	3.37e-002	0.23	-4.61e-002	-3.03
	307	-2.77e-002	-0.32	3.73e-002	0.18	-0.15	-2.88
376	305	-2.15e-002	-0.30	-0.21	1.06	-0.43	-2.13
	315	-4.29e-002	-0.63	-0.21	2.47	-1.53	-2.72
	316	-4.77e-002	-0.63	-0.18	0.97	-1.72e-002	-3.22
	306	-2.64e-002	-0.30	-0.18	0.65	-0.56	-2.63
377	304	-0.20	-0.26	-0.46	1.74	1.09	1.11
	314	-0.21	-0.46	-0.61	11.85	-3.58	-1.10
	315	-3.11e-002	-0.45	-0.36	3.99	-0.14	-3.80
	305	-1.82e-002	-0.25	-0.21	2.10	-1.99	-1.59
378	271	-1.03	-3.67e-002	-0.33	-61.59	-13.10	7.16
	277	-1.04	-0.12	-0.24	92.37	17.02	3.57
	314	-0.18	-6.63e-002	-0.55	12.11	-22.98	-3.20
	304	-0.18	1.89e-002	-0.63	5.04	5.68	0.39
379	292	0.21	1.38e-002	1.91	0.17	-0.10	-2.53
	312	0.26	0.70	1.28	0.91	0.19	-1.93
	313	-1.63	0.57	0.55	0.99	2.02	-0.68
	181	-1.68	-0.11	1.18	2.29	0.68	-1.28
380	209	1.50e-002	9.75e-004	0.96	1.47e-002	9.71e-003	-2.80
	311	4.12e-002	0.40	0.84	0.29	0.17	-2.72
	312	0.24	0.42	1.16	0.22	0.37	-2.43
	292	0.21	1.38e-002	1.28	0.38	0.12	-2.51
381	291	-2.54e-003	-1.65e-004	0.87	7.27e-003	2.98e-003	-2.94
	310	1.09e-002	0.21	0.82	0.11	4.57e-002	-2.91
	311	2.84e-002	0.21	0.83	0.12	0.11	-2.83
	209	1.50e-002	9.75e-004	0.88	0.10	3.63e-002	-2.86
382	208	6.73e-003	4.37e-004	0.60	1.13e-004	-8.55e-004	-2.98
	309	4.92e-003	-2.74e-002	0.56	4.87e-002	5.78e-003	-2.97
	310	-4.35e-003	-2.80e-002	0.71	5.29e-002	3.17e-002	-2.95
	291	-2.54e-003	-1.65e-004	0.75	3.22e-002	1.12e-002	-2.96
383	288	8.45e-003	5.49e-004	0.39	-1.08e-002	-4.32e-003	-2.96
	308	-4.07e-003	-0.19	0.36	5.48e-002	-1.94e-002	-2.96
	309	-5.79e-003	-0.19	0.47	2.77e-002	5.01e-004	-2.98
	208	6.73e-003	4.37e-004	0.49	1.49e-002	1.56e-003	-2.98
384	207	1.24e-002	8.04e-004	0.16	-3.39e-002	-1.19e-002	-2.87
	307	-6.64e-003	-0.29	0.15	0.16	-6.91e-002	-2.89
	308	-1.06e-002	-0.29	0.26	4.10e-002	-3.15e-002	-2.96
	288	8.45e-003	5.49e-004	0.27	2.24e-002	-7.02e-003	-2.94
385	287	1.18e-002	7.64e-004	-8.58e-002	-6.20e-002	-2.52e-002	-2.58
	306	-9.27e-003	-0.32	-8.60e-002	0.54	-0.18	-2.66
	307	-8.67e-003	-0.32	4.95e-002	0.14	-0.13	-2.88
	207	1.24e-002	8.04e-004	4.96e-002	7.24e-002	-3.06e-002	-2.80
386	206	4.37e-002	2.84e-003	-0.24	0.11	-3.75e-003	-1.82
	305	2.41e-002	-0.30	-0.22	1.45	-0.24	-2.06
	306	-7.84e-003	-0.30	-0.19	0.50	-0.49	-2.59

	287	1.18e-002	7.64e-004	-0.21	0.23	-0.11	-2.36
387	284	0.17	1.07e-002	-0.64	0.73	3.83e-002	-1.36
	304	0.15	-0.24	-0.52	-0.85	0.83	-0.93
	305	2.74e-002	-0.25	-0.23	1.03	-1.30	-1.20
	206	4.37e-002	2.84e-003	-0.35	0.19	-0.10	-1.64
388	176	-1.59	-0.10	-1.03	-117.27	-16.51	-9.72
	271	-1.59	-7.29e-002	-0.30	35.20	-12.68	9.11
	304	0.17	4.13e-002	-0.69	-6.25	5.73	0.83
	284	0.17	1.07e-002	-1.43	-8.72	10.51	-17.99
429	276	-2.16e-002	5.34e-002	0.14	25.19	-17.87	9.68
	282	-1.59e-002	0.14	-0.12	16.58	-8.09	40.32
	283	-0.95	8.07e-002	-0.26	152.57	6.24	28.96
	277	-0.96	-7.33e-003	-7.66e-003	-6.56	21.92	-1.69
430	275	2.41e-002	-5.64e-002	4.86e-002	6.72	1.15	4.29
	281	2.65e-002	-1.98e-002	-4.35e-002	0.72	-0.48	7.29
	282	-2.66e-002	-2.33e-002	0.10	4.88	8.90	13.55
	276	-2.90e-002	-5.99e-002	0.20	12.90	-0.46	10.55
431	274	7.59e-002	6.52e-004	-7.84e-002	7.04	0.15	0.56
	280	7.27e-002	-4.89e-002	1.84e-002	2.89e-002	3.32	0.13
	281	2.44e-002	-5.20e-002	-3.34e-002	8.31e-002	2.05	4.69
	275	2.76e-002	-2.49e-003	-0.13	5.46	-0.28	5.12
432	273	-0.15	5.49e-002	-0.72	16.47	1.57	-6.58
	279	-0.13	0.38	-0.37	5.44	10.54	-10.04
	280	0.10	0.39	7.07e-002	1.52	7.86e-002	-2.80
	274	8.04e-002	7.00e-002	-0.28	8.25	0.21	0.66
433	272	-1.99	-0.13	0.58	13.14	25.43	0.79
	278	-1.90	1.22	0.24	110.54	5.13	-23.29
	279	-6.82e-002	1.34	-0.73	14.95	2.90	-31.05
	273	-0.16	-1.11e-002	-0.39	27.01	-12.22	-6.97
434	270	-0.15	3.22e-002	0.26	5.25	9.19	3.54
	276	-0.15	4.50e-002	0.20	13.94	-19.23	6.88
	277	-1.03	-1.22e-002	-6.30e-003	95.32	23.60	3.05
	271	-1.03	-2.51e-002	5.53e-002	-63.65	-10.43	-0.29
435	269	-2.44e-002	-8.40e-002	-0.15	3.83	-1.75	3.30
	275	-2.28e-002	-5.95e-002	-1.15e-002	6.02	0.91	5.18
	276	-0.16	-6.82e-002	0.25	11.99	-1.75	3.30
	270	-0.16	-9.27e-002	0.11	4.17	2.84	1.42
436	268	-1.41e-002	-1.51e-002	-4.83e-002	5.74	-1.14	4.07
	274	-1.35e-002	-5.16e-003	-5.26e-002	6.25	-0.58	3.17
	275	-1.93e-002	-5.54e-003	-0.19	5.33	-0.89	3.18
	269	-2.00e-002	-1.55e-002	-0.19	3.72	-0.48	4.08
437	267	-0.22	-1.63e-002	-0.53	14.58	1.45	5.11
	273	-0.22	5.07e-002	-0.83	18.26	0.55	0.25
	274	-8.97e-003	6.42e-002	-0.25	9.02	-0.85	0.48
	268	-1.33e-002	-2.81e-003	4.50e-002	7.48	-2.41	5.34
438	266	-1.85	0.27	0.73	-19.81	10.64	4.74
	272	-1.88	-0.12	0.62	84.38	28.93	-1.73
	273	-0.22	-1.53e-002	-0.50	22.05	-14.57	-3.93
	267	-0.20	0.37	-0.39	17.72	-0.29	2.54
439	205	0.14	9.03e-003	0.77	-9.14	11.81	22.98
	270	0.14	5.11e-002	0.23	-6.27	7.85	3.52
	271	-1.59	-6.13e-002	8.44e-002	36.99	-11.06	-2.64
	176	-1.59	-0.10	0.63	-119.44	-16.85	16.81
440	204	3.59e-002	2.33e-003	-0.10	-5.04e-002	7.89e-002	4.48
	269	3.06e-002	-8.04e-002	-0.18	2.71	-0.98	3.40
	270	0.13	-7.38e-002	7.82e-002	-2.04	1.78	3.85
	205	0.14	9.03e-003	0.15	1.34	0.14	4.93

441	203	4.19e-002	2.73e-003	-6.34e-002	0.64	-3.12e-002	5.93
	268	4.10e-002	-1.15e-002	-4.75e-002	5.06	-1.20	5.42
	269	3.50e-002	-1.19e-002	-0.21	3.14	-0.34	4.10
	204	3.59e-002	2.33e-003	-0.23	0.92	-0.11	4.61
442	202	0.43	2.78e-002	-0.75	3.94	0.64	8.52
	267	0.43	2.59e-002	-0.59	7.95	5.93e-003	7.13
	268	4.18e-002	7.68e-004	4.58e-002	5.84	-1.50	5.59
	203	4.19e-002	2.73e-003	-0.11	1.32	-0.56	6.97
443	175	-2.09	-0.14	-1.08	-48.59	-3.43	2.13
	266	-2.06	0.25	1.06	51.09	10.92	4.76
	267	0.45	0.42	-0.44	11.28	-3.18	4.65
	202	0.43	2.78e-002	-2.58	-0.58	4.06	2.03
600	158	-0.29	-0.21	-0.24	57.75	-366.68	-21.94
	104	-0.59	-4.80	-1.25	-88.45	-215.47	-16.23
	41	-0.31	-4.78	-2.05	-215.73	-875.38	-269.49
	116	-1.27e-002	-0.20	-1.04	169.48	-125.34	-275.21
601	157	-0.40	-1.36	7.42e-002	12.37	-166.09	46.68
	103	-0.56	-3.82	2.68e-002	-15.73	-143.96	56.46
	104	-0.52	-3.82	-0.49	-16.60	-351.60	24.03
	158	-0.36	-1.36	-0.44	14.00	-253.40	14.25
602	156	-3.50e-002	-1.66	0.18	3.94	-43.38	43.62
	102	-0.20	-4.15	0.10	4.82	-5.35	55.12
	103	-0.59	-4.17	0.47	1.20	-162.77	60.25
	157	-0.43	-1.69	0.56	14.77	-135.35	48.74
603	155	-0.68	-3.73e-002	3.10	-47.02	17.70	-25.51
	1	-1.04	-5.57	2.65	79.17	218.50	-18.69
	102	-0.29	-5.52	-0.21	27.89	-46.46	42.44
	156	7.39e-002	1.17e-002	0.24	0.31	8.15	35.62
604	154	-0.87	-0.26	-0.18	72.73	-159.95	9.68
	158	-0.87	-0.25	-6.44e-002	54.86	-276.97	-60.13
	116	-1.27e-002	-0.20	0.10	-15.06	-63.67	-111.47
	115	-1.35e-002	-0.21	-1.40e-002	20.69	-62.82	-41.66
605	153	-0.96	-0.31	-0.11	49.83	-153.30	15.04
	157	-1.03	-1.40	-0.17	22.75	-175.38	46.96
	158	-0.94	-1.39	-0.27	77.19	-209.76	19.87
	154	-0.87	-0.30	-0.21	57.00	-171.03	-12.06
606	152	-0.57	4.09e-002	-0.13	2.50	-64.59	12.07
	156	-0.68	-1.71	0.38	-7.13	-61.90	46.75
	157	-1.05	-1.73	0.31	27.39	-119.07	49.82
	153	-0.94	1.69e-002	-0.20	31.11	-122.38	15.15
607	151	1.99	-0.10	-0.41	-20.37	-0.16	8.16
	155	2.00	0.14	0.15	-3.52	-6.97	16.27
	156	-0.58	-3.04e-002	0.44	-1.98	-5.02	27.08
	152	-0.59	-0.27	-0.12	-7.70	-37.38	18.97
608	150	-0.56	-0.19	0.11	35.09	-216.31	27.96
	154	-0.57	-0.24	-7.03e-002	64.78	-156.61	-27.88
	115	-1.35e-002	-0.21	1.17e-002	11.54	-55.60	-2.46
	114	-9.94e-003	-0.15	0.20	-8.37	-55.77	53.38
609	149	-0.83	-0.99	-0.31	12.29	-155.60	-29.66
	153	-0.79	-0.30	-0.28	43.01	-148.22	-4.70
	154	-0.57	-0.28	-0.10	53.13	-168.23	5.28e-002
	150	-0.61	-0.97	-0.12	50.52	-173.59	-24.91
610	148	-0.79	-1.33	-1.30	-5.91	-63.78	-19.46
	152	-0.70	3.22e-002	-0.74	-0.19	-62.53	8.72
	153	-0.77	2.82e-002	-0.37	29.93	-122.58	4.23e-002
	149	-0.85	-1.33	-0.92	14.88	-103.33	-28.14
611	147	1.22	0.17	-0.23	-7.92	-8.74	-1.29

	151	1.20	-0.16	0.17	-21.06	-2.04	9.18
	152	-0.72	-0.28	-0.73	-6.08	-37.97	3.21
	148	-0.70	4.52e-002	-1.13	-4.47	-17.01	-7.26
612	107	-0.24	-2.26	2.84e-002	-145.73	-116.32	-33.86
	150	-0.11	-0.16	0.10	32.89	-284.73	7.71
	114	-9.94e-003	-0.15	0.99	109.19	-83.41	161.30
	46	-0.15	-2.26	0.93	-157.24	-622.96	119.74
613	106	-0.28	-1.84	-0.24	-41.86	-101.86	-8.55
	149	-0.22	-0.95	-0.32	-13.53	-138.11	-24.19
	150	-0.16	-0.94	-0.14	3.25	-205.28	-26.41
	107	-0.21	-1.84	-5.58e-002	-104.16	-245.41	-10.77
614	105	-0.13	-2.50	-0.47	12.36	-23.08	-7.95
	148	-4.78e-002	-1.28	-1.15	-6.67	-43.73	-17.41
	149	-0.24	-1.29	-0.94	-5.70e-002	-119.73	-22.34
	106	-0.32	-2.52	-0.26	-25.39	-129.80	-12.88
615	3	-2.85	-4.98	-2.44	62.35	122.90	14.50
	147	-2.53	-7.38e-002	-2.69	-34.05	6.49	20.02
	148	4.15e-002	9.36e-002	-0.99	-1.02	-12.08	-7.35
	105	-0.28	-4.82	-0.74	27.50	-59.40	-12.87
616	146	-3.11e-002	-0.44	-0.38	-20.71	-346.83	-8.54
	107	-0.15	-2.26	2.69e-002	-125.66	-110.29	30.25
	46	-0.15	-2.26	-1.01	-210.31	-641.00	-119.97
	119	-2.88e-002	-0.44	-1.42	148.73	-121.70	-158.76
617	145	-0.16	-1.36	-4.49e-002	-28.55	-136.37	22.90
	106	-0.19	-1.84	4.68e-003	-39.79	-106.66	1.36
	107	-0.12	-1.83	-5.73e-002	-92.28	-244.54	5.40
	146	-9.02e-002	-1.35	-0.11	-48.45	-218.06	26.94
618	144	-0.14	-1.64	0.79	-5.39	-42.75	11.94
	105	-0.20	-2.51	0.23	12.54	-24.19	-0.69
	106	-0.23	-2.51	-1.54e-002	-30.39	-128.46	3.19
	145	-0.18	-1.65	0.54	-8.08	-116.14	15.82
619	143	-1.54	-0.47	2.76	-22.70	13.88	-21.89
	3	-1.83	-4.92	1.71	61.20	125.27	-21.95
	105	-0.35	-4.82	-3.32e-002	21.22	-59.22	5.19
	144	-6.12e-002	-0.38	1.02	4.21	-2.96e-002	5.25
620	142	-0.22	-0.39	-5.80e-002	64.91	-217.46	17.27
	146	-0.23	-0.46	-0.41	1.27	-299.32	-16.57
	119	-2.88e-002	-0.44	-0.35	-15.81	-80.99	-50.46
	118	-2.43e-002	-0.37	1.07e-003	12.52	-99.89	-16.62
621	141	-0.35	-0.86	1.15e-002	12.62	-152.01	3.52
	145	-0.39	-1.37	-6.86e-002	-5.24	-156.67	29.16
	146	-0.29	-1.36	-0.14	37.89	-189.50	30.06
	142	-0.25	-0.85	-5.60e-002	33.75	-194.78	4.42
622	140	-0.61	-0.52	0.40	-16.34	-49.26	3.18
	144	-0.69	-1.68	0.90	-16.12	-54.60	17.10
	145	-0.41	-1.66	0.51	-6.10	-107.22	20.74
	141	-0.33	-0.50	1.54e-002	3.31	-118.09	6.82
623	139	1.49	-0.14	-0.32	-20.65	6.32	0.81
	143	1.48	-0.28	0.40	-13.31	-2.17	2.48
	144	-0.60	-0.41	1.13	-8.45	-2.69	8.34
	140	-0.60	-0.28	0.40	-22.92	-22.46	6.67
624	138	-0.19	-0.48	0.55	1.48	-291.95	13.10
	142	-0.18	-0.38	0.10	64.05	-216.55	-20.28
	118	-2.43e-002	-0.37	6.61e-002	11.63	-99.73	10.91
	117	-3.03e-002	-0.47	0.51	-14.97	-82.56	44.29
625	137	-0.35	-1.43	0.12	-6.67	-152.40	-27.95
	141	-0.32	-0.86	8.54e-003	11.97	-151.55	-1.90

	142	-0.21	-0.85	0.10	33.87	-194.25	-5.67
	138	-0.25	-1.42	0.21	36.62	-188.10	-31.72
626	136	-0.68	-1.71	-0.93	-16.67	-52.45	-12.43
	140	-0.60	-0.52	-0.39	-17.40	-48.99	1.26
	141	-0.29	-0.50	1.24e-002	3.46	-117.77	-4.23
	137	-0.37	-1.69	-0.53	-8.52	-105.79	-17.93
627	135	1.48	-0.29	-0.44	-14.20	-1.45	0.91
	139	1.49	-0.14	0.36	-21.46	6.06	2.65
	140	-0.59	-0.28	-0.39	-21.97	-22.74	-2.24
	136	-0.60	-0.42	-1.19	-11.16	-5.84	-3.97
628	110	-0.10	-2.31	-4.07e-002	-130.19	-131.74	-35.19
	138	1.82e-002	-0.46	0.52	-14.16	-338.78	2.19
	117	-3.03e-002	-0.47	1.66	138.89	-120.02	145.91
	47	-0.15	-2.31	1.10	-198.50	-598.21	108.54
629	109	-0.13	-1.93	1.82e-002	-45.33	-103.55	-3.26
	137	-0.10	-1.41	0.10	-30.05	-131.93	-21.98
	138	-4.32e-002	-1.41	0.18	-48.67	-213.72	-31.37
	110	-7.68e-002	-1.92	9.15e-002	-90.73	-230.04	-12.65
630	108	-0.23	-2.58	-0.28	8.46	-27.57	5.48
	136	-0.18	-1.68	-0.87	-8.57	-40.86	-7.99
	137	-0.12	-1.68	-0.54	-11.15	-113.16	-14.41
	109	-0.17	-2.58	5.66e-002	-35.74	-116.14	-0.95
631	4	-1.81	-4.94	-1.60	56.48	101.79	23.54
	135	-1.52	-0.48	-2.78	-20.22	12.59	21.16
	136	-9.19e-002	-0.39	-1.13	0.66	-3.60	-1.53
	108	-0.38	-4.85	4.96e-002	18.36	-48.51	0.85
632	134	-2.42e-002	-2.21e-002	0.17	77.60	-206.24	-9.74
	110	-0.17	-2.31	-2.90e-002	-166.08	-146.99	29.20
	47	-0.15	-2.31	-0.76	-120.82	-563.62	-115.38
	122	-1.34e-003	-2.06e-002	-0.57	76.57	-64.46	-154.31
633	133	-6.50e-002	-0.72	0.48	-0.30	-125.53	23.78
	109	-0.14	-1.93	0.31	-53.60	-89.71	12.98
	110	-0.15	-1.93	0.10	-134.21	-236.54	4.21
	134	-6.93e-002	-0.72	0.27	51.29	-160.26	15.01
634	132	-0.13	-0.97	1.02	-13.37	-38.82	26.76
	108	-0.24	-2.58	0.38	8.47	-21.66	16.64
	109	-0.19	-2.58	0.35	-33.30	-120.56	18.50
	133	-8.12e-002	-0.97	0.99	1.35	-107.84	28.62
635	131	-2.25	0.29	2.48	-41.79	2.85	-3.19
	4	-2.59	-4.99	2.55	61.42	102.89	-0.75
	108	-0.38	-4.85	0.71	25.07	-51.30	21.27
	132	-4.05e-002	0.43	0.64	-13.25	-23.09	18.83
636	130	-0.50	-7.69e-002	0.15	39.26	-101.17	14.07
	134	-0.49	-5.27e-002	0.18	34.84	-136.01	-35.01
	122	-1.34e-003	-2.06e-002	4.44e-002	-3.19	-37.48	-53.98
	121	-2.91e-003	-4.48e-002	1.04e-002	10.88	-17.14	-4.90
637	129	-0.75	0.12	0.32	43.83	-106.88	9.13
	133	-0.81	-0.76	0.45	13.18	-129.02	23.78
	134	-0.54	-0.75	0.29	38.51	-137.37	8.25
	130	-0.48	0.14	0.15	40.92	-113.19	-6.40
638	128	-0.55	0.30	0.46	11.69	-55.77	-1.60
	132	-0.63	-1.00	1.03	-3.03	-60.33	25.73
	133	-0.82	-1.01	0.95	16.20	-87.31	29.63
	129	-0.74	0.29	0.39	31.37	-101.00	2.29
639	127	0.96	-5.68e-002	-7.16e-002	-18.10	-7.08	-3.13
	131	9.98e-001	0.50	0.14	-1.06	-9.72	11.46
	132	-0.54	0.40	0.65	-3.06	-25.61	15.84

	128	-0.58	-0.16	0.44	3.91	-41.37	1.26
640	126	-0.81	-5.18e-002	-0.40	57.09	-179.53	61.02
	130	-0.81	-0.10	3.62e-002	40.38	-100.98	-2.13
	121	-2.91e-003	-4.48e-002	6.00e-003	13.64	-24.03	29.19
	120	4.35e-005	6.69e-004	-0.43	-2.44	-34.52	92.33
641	125	-1.06	-0.89	-0.14	23.73	-143.89	-35.01
	129	-9.97e-001	0.10	-2.74e-002	49.85	-111.61	-13.89
	130	-0.80	0.12	4.09e-002	42.13	-116.15	16.29
	126	-0.86	-0.88	-7.19e-002	63.12	-170.07	-4.82
642	124	-0.52	-1.30	-0.24	-2.41	-55.60	-43.56
	128	-0.42	0.31	0.28	15.49	-58.30	-9.91
	129	-0.99	0.27	4.33e-002	35.14	-100.07	-10.18
	125	-1.09	-1.34	-0.48	25.75	-103.81	-43.82
643	123	1.71	0.63	-8.57e-002	5.34	-7.66	-22.01
	127	1.67	-1.06e-002	0.20	-19.28	-6.89	-8.71
	128	-0.45	-0.15	0.26	6.30	-40.64	-14.33
	124	-0.40	0.49	-2.87e-002	-2.20	-22.83	-27.63
644	113	-0.68	-4.78	1.20	-124.60	-267.32	16.54
	126	-0.37	-2.34e-002	-0.13	102.99	-269.05	17.03
	120	4.35e-005	6.69e-004	0.35	115.10	-96.51	244.28
	48	-0.31	-4.76	1.68	-157.85	-777.21	243.79
645	112	-0.59	-4.05	-0.17	-23.19	-129.77	-51.71
	125	-0.38	-0.85	-0.41	22.72	-149.45	-41.33
	126	-0.42	-0.85	0.20	64.61	-205.77	-7.33
	113	-0.63	-4.06	0.45	-65.42	-333.58	-17.72
646	111	-0.23	-4.49	4.81e-002	11.13	-7.06	-58.23
	124	-1.69e-002	-1.27	-5.85e-002	-3.12	-38.36	-46.56
	125	-0.41	-1.29	-0.75	16.62	-121.20	-48.18
	112	-0.62	-4.52	-0.64	-4.55	-148.32	-59.86
647	5	-0.75	-5.83	-3.04	71.67	181.62	1.95
	123	-0.34	0.49	-3.13	-47.87	10.61	9.17
	124	0.10	0.52	0.15	-11.85	-9.27	-40.36
	111	-0.31	-5.80	0.25	32.20	-28.77	-47.58

INFORMAZIONI - ANALISI "_93" (Fase 1)

Equazioni.....	2286
Semibanda.....	1545
Numero blocchi.....	1
Zero algoritmico.....	3.6109e-005
Tempo totale analisi (sec).....	0.28
Metodo di combinazione modale....	CQC
Smorzamento predefinito.....	5.00e-002
Fattore Rayleight masse.....	0.00
Fattore Rayleight rigidezza.....	1.00

ACCELERAZIONI SISMICHE

Vect.	X	Y	Z	Spettro
1	142.30	0.00	0.00	SLDh
2	0.00	142.30	0.00	SLDh
3	327.67	0.00	0.00	SLVh
4	0.00	327.67	0.00	SLVh
5	112.85	0.00	0.00	SLOh
6	0.00	112.85	0.00	SLOh

Masse abilitate secondo: " X Y "

PERIODI PROPRI - ANALISI "_93" (Fase 1)

modo	periodo(sec)
1	0.81
2	0.59

3	0.55
4	0.30
5	0.26
6	0.24
7	0.22
8	0.20

COEFFICIENTI DI PARTECIPAZIONE MODALE - ANALISI "_93" (Fase 1)

Modo	x	y	z
1	3.26	28.86	0.00
2	40.29	-7.78	0.00
3	8.80	26.06	0.00
4	-0.46	-8.23	0.00
5	-2.46	-8.61	0.00
6	1.58	-1.11	0.00
7	14.86	-3.61	0.00
8	2.13e-002	1.31	0.00

MASSA MODALE RELATIVA - ANALISI "_93" (Fase 1)

Modo	x	y	z	s
1	5.27e-003	0.41	0.00	0.21
2	0.80	3.00e-002	0.00	0.42
3	3.83e-002	0.34	0.00	0.19
4	1.05e-004	3.35e-002	0.00	1.68e-002
5	3.00e-003	3.67e-002	0.00	1.98e-002
6	1.24e-003	6.06e-004	0.00	9.22e-004
7	0.11	6.45e-003	0.00	5.79e-002
8	2.25e-007	8.47e-004	0.00	4.24e-004
	0.96	0.86	0.00	0.91

SMORZAMENTO MODALE - ANALISI "_93" (Fase 1)

Modo	Smorzamento
1	5.00e-002
2	5.00e-002
3	5.00e-002
4	5.00e-002
5	5.00e-002
6	5.00e-002
7	5.00e-002
8	5.00e-002

SPOSTAMENTI NODALI "Dinamica SLDh X" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00

18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	0.51	1.62e-003	1.53e-003	-4.57e-005	1.15e-003	6.26e-005
42	0.51	3.91e-002	3.76e-003	-1.99e-004	2.66e-004	6.26e-005
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	0.51	1.62e-003	1.02e-003	-3.55e-005	1.38e-003	6.26e-005
47	0.51	1.62e-003	1.11e-003	-3.37e-005	1.40e-003	6.26e-005
48	0.52	1.62e-003	1.18e-003	-3.87e-005	1.19e-003	6.26e-005
49	0.51	3.91e-002	1.72e-003	-2.23e-004	3.55e-004	6.26e-005
50	0.51	3.91e-002	1.41e-003	-2.25e-004	3.35e-004	6.26e-005
51	0.52	3.91e-002	3.70e-003	-2.22e-004	2.76e-004	6.26e-005
52	0.51	7.33e-002	-1.11e-002	-1.32e-004	8.27e-004	6.26e-005
53	0.51	7.32e-002	-4.43e-003	-9.89e-005	8.53e-004	6.26e-005
54	0.51	7.32e-002	-5.79e-003	-9.27e-005	1.02e-003	6.26e-005
55	0.52	7.35e-002	-5.84e-003	-2.59e-004	9.00e-004	6.26e-005
56	0.52	0.12	-1.10e-002	-1.94e-004	1.41e-003	6.26e-005
57	0.51	0.12	-7.00e-003	-1.38e-004	1.86e-003	6.26e-005
58	0.51	0.12	-7.39e-003	-1.60e-004	1.38e-003	6.26e-005
59	1.08	-0.40	1.73e-002	7.21e-004	1.95e-003	1.22e-004
60	1.08	-0.35	1.37e-002	5.39e-004	8.74e-004	1.22e-004
61	1.08	-0.33	-2.34e-002	-6.16e-004	1.71e-003	1.22e-004
62	1.10	-0.40	1.19e-003	3.82e-004	3.42e-003	1.22e-004
63	1.10	-0.35	8.95e-004	2.09e-004	2.97e-003	1.22e-004
64	1.10	-0.33	-2.67e-003	3.40e-004	3.37e-003	1.22e-004
65	1.12	-0.40	1.48e-002	4.25e-004	2.32e-003	1.22e-004
66	1.12	-0.35	9.68e-003	2.73e-004	1.24e-003	1.22e-004
67	1.12	-0.33	-2.52e-002	3.72e-004	2.07e-003	1.22e-004
68	1.14	-0.40	4.48e-003	3.81e-004	3.28e-003	1.22e-004
69	1.14	-0.35	3.75e-003	2.09e-004	2.86e-003	1.22e-004
70	1.14	-0.33	-2.59e-003	3.34e-004	3.24e-003	1.22e-004
71	1.16	-0.40	2.08e-002	-3.25e-004	1.21e-003	1.22e-004
72	1.16	-0.35	5.08e-003	4.08e-004	4.52e-004	1.22e-004
73	1.16	-0.33	-1.34e-002	3.33e-004	6.04e-004	1.22e-004
74	1.17	-0.40	1.94e-002	4.24e-004	1.14e-003	1.22e-004
75	1.17	-0.35	2.16e-003	9.61e-004	3.83e-004	1.22e-004
76	1.17	-0.33	-1.25e-002	3.67e-004	5.32e-004	1.22e-004
77	1.20	-0.40	2.10e-002	8.11e-004	1.15e-003	1.22e-004
78	1.20	-0.35	1.46e-003	1.06e-003	3.98e-004	1.22e-004
79	1.20	-0.33	-1.55e-002	6.53e-004	5.58e-004	1.22e-004
80	1.16	-0.27	-1.57e-003	8.55e-004	7.23e-004	1.22e-004
81	1.17	-0.27	-2.20e-003	8.00e-004	7.42e-004	1.22e-004
82	1.20	-0.27	-1.85e-003	8.68e-004	7.50e-004	1.22e-004

83	1.13	0.22	1.54e-002	-4.19e-004	1.40e-003	1.22e-004
84	1.13	0.19	-4.72e-003	-6.46e-004	3.06e-004	1.22e-004
85	1.13	0.18	8.63e-003	-5.72e-004	4.85e-004	1.22e-004
86	1.16	0.22	1.28e-003	-4.45e-004	7.85e-004	1.22e-004
87	1.17	0.22	1.26e-003	-4.14e-004	7.58e-004	1.22e-004
88	1.20	0.22	2.66e-003	-4.21e-004	7.94e-004	1.22e-004
89	1.16	0.19	-4.18e-004	-6.78e-004	4.94e-004	1.22e-004
90	1.17	0.19	3.31e-004	-6.48e-004	4.96e-004	1.22e-004
91	1.20	0.19	-2.43e-003	-6.32e-004	4.26e-004	1.22e-004
92	1.16	0.18	3.92e-003	-5.53e-004	6.37e-004	1.22e-004
93	1.17	0.18	2.86e-003	-5.38e-004	6.48e-004	1.22e-004
94	1.20	0.18	8.26e-003	-5.88e-004	4.73e-004	1.22e-004
95	1.13	0.19	-1.93e-002	-3.24e-004	9.03e-004	1.22e-004
96	1.16	0.19	-6.82e-003	-2.27e-004	5.95e-004	1.22e-004
97	1.17	0.19	-7.86e-003	-1.83e-004	5.63e-004	1.22e-004
98	1.20	0.19	-9.60e-003	-5.23e-004	9.87e-004	1.22e-004
99	1.20	0.25	-2.13e-002	3.66e-004	9.95e-004	1.22e-004
100	1.17	0.25	-1.45e-002	-1.93e-004	1.13e-003	1.22e-004
101	1.16	0.25	-1.25e-002	-2.89e-004	1.06e-003	1.22e-004
102	6.91e-002	3.69e-004	5.02e-004	-1.11e-006	1.20e-003	1.51e-004
103	0.21	6.56e-004	8.07e-004	-4.79e-006	1.65e-003	5.97e-005
104	0.37	8.40e-004	1.08e-003	1.26e-006	1.67e-003	-7.82e-005
105	6.90e-002	4.72e-004	3.35e-004	-2.75e-006	1.15e-003	-2.84e-005
106	0.20	8.16e-004	5.37e-004	-3.98e-006	1.58e-003	-3.91e-005
107	0.36	1.06e-003	7.23e-004	-8.50e-007	1.69e-003	4.62e-005
108	6.85e-002	5.00e-004	3.05e-004	-2.80e-006	1.16e-003	2.53e-005
109	0.20	8.42e-004	5.05e-004	-4.14e-006	1.59e-003	4.83e-005
110	0.36	1.06e-003	7.17e-004	7.71e-007	1.69e-003	5.18e-005
111	6.87e-002	-4.72e-004	3.47e-004	3.43e-006	1.22e-003	-1.55e-004
112	0.21	-8.24e-004	5.77e-004	-4.88e-006	1.67e-003	-8.00e-005
113	0.37	-9.32e-004	8.03e-004	-2.24e-006	1.69e-003	5.87e-005
114	0.51	1.62e-003	7.40e-004	-3.17e-006	1.59e-003	6.26e-005
115	0.51	1.62e-003	6.62e-004	-8.27e-006	1.59e-003	6.26e-005
116	0.51	1.62e-003	7.24e-004	1.38e-006	1.52e-003	6.26e-005
117	0.51	1.62e-003	7.88e-004	-4.05e-006	1.59e-003	6.26e-005
118	0.51	1.62e-003	6.42e-004	-8.26e-006	1.62e-003	6.26e-005
119	0.51	1.62e-003	6.46e-004	2.23e-006	1.59e-003	6.26e-005
120	0.52	1.62e-003	5.49e-004	-5.75e-007	1.55e-003	6.26e-005
121	0.51	1.62e-003	4.93e-004	-5.83e-006	1.60e-003	6.26e-005
122	0.51	1.62e-003	5.34e-004	4.30e-007	1.61e-003	6.26e-005
123	-1.54e-002	4.19e-004	4.56e-004	1.58e-006	1.01e-003	1.11e-004
124	8.69e-002	-5.13e-004	4.33e-004	1.84e-006	1.22e-003	-9.16e-005
125	0.22	-8.28e-004	5.10e-004	-2.82e-006	1.51e-003	-4.79e-005
126	0.37	1.07e-003	5.37e-004	-2.57e-006	1.59e-003	6.43e-005
127	-2.24e-002	4.97e-004	5.04e-004	-6.17e-007	1.16e-003	1.45e-005
128	8.97e-002	5.96e-004	5.11e-004	-1.07e-006	1.26e-003	2.52e-005
129	0.22	8.42e-004	4.98e-004	-1.96e-006	1.45e-003	3.91e-005
130	0.36	1.21e-003	4.91e-004	-4.42e-006	1.57e-003	5.08e-005
131	-1.79e-002	-4.43e-004	4.27e-004	-1.56e-006	9.83e-004	-1.03e-004
132	8.23e-002	5.28e-004	4.10e-004	-2.13e-006	1.19e-003	1.05e-004
133	0.21	8.48e-004	4.82e-004	-2.58e-006	1.50e-003	8.72e-005
134	0.36	1.10e-003	5.43e-004	2.13e-006	1.62e-003	4.86e-005
135	-1.07e-002	2.35e-004	3.62e-004	3.99e-006	6.63e-004	1.17e-004
136	7.04e-002	4.72e-004	3.99e-004	3.06e-006	1.16e-003	-7.58e-005
137	0.20	8.26e-004	5.23e-004	-2.30e-006	1.57e-003	2.61e-005
138	0.36	1.05e-003	7.18e-004	-4.09e-006	1.69e-003	6.70e-005
139	-1.60e-002	3.55e-004	4.39e-004	-1.63e-006	7.88e-004	-2.37e-006
140	7.29e-002	4.80e-004	4.66e-004	-1.47e-006	1.14e-003	8.00e-006
141	0.20	8.16e-004	5.28e-004	-1.96e-006	1.54e-003	2.56e-005
142	0.36	1.16e-003	6.07e-004	-4.36e-006	1.67e-003	4.55e-005
143	-1.06e-002	-3.32e-004	3.30e-004	-2.95e-006	6.69e-004	-1.18e-004
144	7.06e-002	4.40e-004	3.69e-004	-1.97e-006	1.16e-003	7.21e-005
145	0.20	8.07e-004	5.29e-004	-2.29e-006	1.57e-003	2.64e-005
146	0.36	1.02e-003	6.28e-004	2.83e-006	1.69e-003	-6.69e-005
147	-1.32e-002	2.12e-004	5.09e-004	3.58e-006	8.39e-004	1.09e-004

148	7.79e-002	4.71e-004	5.08e-004	3.34e-006	1.17e-003	-1.19e-004
149	0.21	8.07e-004	5.86e-004	-2.80e-006	1.53e-003	-6.93e-005
150	0.36	1.06e-003	7.61e-004	-3.69e-006	1.64e-003	4.50e-005
151	-1.81e-002	-3.64e-004	6.11e-004	-1.13e-006	1.01e-003	-1.12e-005
152	8.42e-002	4.65e-004	6.29e-004	-1.32e-006	1.20e-003	-2.40e-005
153	0.21	7.45e-004	6.31e-004	-2.10e-006	1.48e-003	-3.88e-005
154	0.36	1.14e-003	6.48e-004	-5.07e-006	1.60e-003	5.07e-005
155	-1.19e-002	-3.90e-004	5.32e-004	-1.99e-006	8.64e-004	-1.09e-004
156	8.13e-002	3.71e-004	5.26e-004	-6.18e-007	1.19e-003	1.03e-004
157	0.21	6.75e-004	6.89e-004	-2.91e-006	1.54e-003	3.66e-005
158	0.36	9.18e-004	6.86e-004	2.28e-006	1.61e-003	-8.51e-005
159	1.95	-0.73	2.31e-002	-3.71e-004	8.93e-004	1.99e-004
160	1.95	-0.67	1.97e-002	-3.11e-004	6.17e-004	1.99e-004
161	1.95	-0.62	-3.25e-002	-1.57e-004	9.41e-004	1.99e-004
162	1.96	-0.73	2.15e-003	-2.24e-004	1.45e-003	1.99e-004
163	1.96	-0.67	1.53e-003	-2.42e-004	1.75e-003	1.99e-004
164	1.96	-0.62	-4.62e-003	8.07e-005	1.41e-003	1.99e-004
165	1.97	-0.73	2.10e-002	-2.33e-004	7.02e-004	1.99e-004
166	1.97	-0.67	1.40e-002	-2.20e-004	4.42e-004	1.99e-004
167	1.97	-0.62	-3.55e-002	-8.34e-005	6.69e-004	1.99e-004
168	1.99	-0.73	7.01e-003	-2.09e-004	1.79e-003	1.99e-004
169	1.99	-0.67	4.52e-003	-2.25e-004	1.64e-003	1.99e-004
170	1.99	-0.62	-4.13e-003	-4.30e-005	1.18e-003	1.99e-004
171	2.00	-0.73	2.77e-002	-1.89e-004	8.23e-004	1.99e-004
172	2.00	-0.67	7.09e-003	-2.60e-004	2.19e-004	1.99e-004
173	2.00	-0.62	-1.69e-002	1.54e-004	2.69e-004	1.99e-004
174	2.02	-0.73	2.64e-002	-2.26e-004	6.93e-004	1.99e-004
175	2.02	-0.67	5.34e-003	-3.20e-004	2.70e-004	1.99e-004
176	2.02	-0.62	-1.58e-002	-1.89e-004	4.96e-004	1.99e-004
177	2.05	-0.73	3.00e-002	-3.96e-004	5.61e-004	1.99e-004
178	2.05	-0.67	2.14e-003	-5.01e-004	2.69e-004	1.99e-004
179	2.05	-0.62	-2.08e-002	-3.78e-004	3.06e-004	1.99e-004
180	2.00	0.54	-2.24e-003	-4.86e-004	2.92e-004	1.99e-004
181	2.02	0.54	-3.78e-003	-8.10e-004	4.48e-004	1.99e-004
182	2.05	0.54	-2.99e-003	-6.82e-004	3.69e-004	1.99e-004
183	1.98	0.46	2.13e-002	2.61e-004	5.66e-004	1.99e-004
184	1.98	0.41	-5.60e-003	5.73e-004	3.49e-004	1.99e-004
185	1.98	0.38	1.06e-002	5.16e-004	3.33e-004	1.99e-004
186	2.00	0.46	2.84e-003	1.89e-004	3.01e-004	1.99e-004
187	2.02	0.46	1.09e-003	-1.35e-004	4.67e-004	1.99e-004
188	2.05	0.46	3.40e-003	3.42e-004	3.73e-004	1.99e-004
189	2.00	0.41	-5.85e-004	5.12e-004	2.96e-004	1.99e-004
190	2.02	0.41	8.25e-004	7.29e-004	4.81e-004	1.99e-004
191	2.05	0.41	-3.00e-003	7.07e-004	3.85e-004	1.99e-004
192	2.00	0.38	5.50e-003	5.09e-004	3.56e-004	1.99e-004
193	2.02	0.38	3.57e-003	5.74e-004	5.01e-004	1.99e-004
194	2.05	0.38	1.00e-002	7.18e-004	3.40e-004	1.99e-004
195	1.98	0.39	-2.26e-002	1.60e-004	6.17e-004	1.99e-004
196	2.00	0.39	-7.61e-003	1.26e-004	3.60e-004	1.99e-004
197	2.02	0.39	-9.23e-003	1.61e-004	5.21e-004	1.99e-004
198	2.05	0.39	-1.15e-002	3.63e-004	7.12e-004	1.99e-004
199	2.05	0.45	-2.65e-002	3.53e-004	7.49e-004	1.99e-004
200	2.02	0.45	-1.99e-002	2.94e-004	6.55e-004	1.99e-004
201	2.00	0.45	-1.44e-002	3.49e-004	7.58e-004	1.99e-004
202	2.02	-0.66	-8.98e-003	-1.93e-004	5.91e-005	1.99e-004
203	2.02	-0.65	-1.11e-002	-1.48e-004	5.67e-005	1.99e-004
204	2.02	-0.64	-1.29e-002	-1.27e-004	6.43e-005	1.99e-004
205	2.02	-0.63	-1.38e-002	-1.27e-004	1.54e-005	1.99e-004
206	2.02	-0.61	-1.78e-002	-2.80e-004	2.53e-005	1.99e-004
207	2.02	-0.59	-1.50e-002	-5.31e-004	-2.26e-005	1.99e-004
208	2.02	-0.57	-1.02e-002	-7.15e-004	-3.05e-005	1.99e-004
209	2.02	0.56	-5.69e-003	-8.08e-004	6.91e-006	1.99e-004
210	2.02	0.52	-3.56e-003	-8.38e-004	1.11e-005	1.99e-004
211	2.02	0.50	-9.43e-004	-7.63e-004	-1.54e-005	1.99e-004
212	2.02	0.49	2.35e-003	-5.78e-004	-9.25e-006	1.99e-004

213	2.02	0.47	3.51e-003	-3.06e-004	2.88e-005	1.99e-004
214	2.02	0.44	-2.36e-003	-2.02e-004	3.45e-005	1.99e-004
215	2.02	0.43	-1.78e-003	-4.18e-004	-2.07e-006	1.99e-004
216	2.02	0.42	7.44e-004	5.91e-004	-5.12e-006	1.99e-004
217	2.02	0.41	1.69e-003	6.98e-004	2.56e-005	1.99e-004
218	2.02	0.40	6.66e-004	8.15e-004	1.46e-005	1.99e-004
219	2.02	0.39	3.67e-003	8.42e-004	-1.65e-005	1.99e-004
220	2.02	0.38	7.07e-003	7.86e-004	-8.57e-006	1.99e-004
221	2.02	0.38	8.13e-003	6.57e-004	3.71e-005	1.99e-004
222	2.02	0.38	-1.69e-003	5.01e-004	5.22e-005	1.99e-004
223	2.02	0.38	-2.64e-003	4.27e-004	1.65e-005	1.99e-004
224	2.02	0.38	-2.91e-003	3.24e-004	1.81e-005	1.99e-004
225	2.02	0.38	-4.18e-003	1.99e-004	5.74e-005	1.99e-004
226	2.02	0.39	-1.39e-002	2.18e-004	-4.91e-006	1.99e-004
227	2.02	0.40	-9.53e-003	3.56e-004	-2.52e-005	1.99e-004
228	2.02	0.42	-4.71e-003	4.23e-004	-9.06e-006	1.99e-004
229	2.02	0.43	-5.31e-003	4.10e-004	4.33e-005	1.99e-004
230	2.02	0.39	-2.76e-003	3.79e-004	9.82e-006	2.11e-004
231	2.02	0.39	-2.91e-003	3.24e-004	1.67e-005	2.13e-004
232	2.02	0.39	-3.23e-003	2.61e-004	1.59e-005	2.13e-004
233	2.02	0.39	-4.20e-003	1.97e-004	5.28e-005	2.13e-004
234	2.02	0.39	-5.04e-003	1.38e-004	-2.29e-005	2.10e-004
235	2.02	0.39	-9.30e-003	1.06e-004	8.14e-005	2.06e-004
236	2.02	0.41	1.12e-003	5.02e-004	3.02e-005	2.15e-004
237	2.02	0.41	-1.63e-003	4.91e-004	3.72e-005	2.17e-004
238	2.02	0.40	-2.39e-003	4.64e-004	1.39e-005	2.20e-004
239	2.02	0.40	-2.64e-003	4.26e-004	1.26e-005	2.24e-004
240	2.02	0.40	-2.76e-003	3.79e-004	8.88e-006	2.28e-004
241	2.02	0.40	-2.91e-003	3.23e-004	1.41e-005	2.32e-004
242	2.02	0.39	-3.26e-003	2.61e-004	1.67e-005	2.35e-004
243	2.02	0.39	-4.25e-003	1.92e-004	4.27e-005	2.34e-004
244	2.02	0.39	-5.51e-003	1.21e-004	3.47e-005	2.27e-004
245	2.02	0.39	-9.37e-003	7.13e-005	7.83e-005	2.14e-004
246	2.02	0.42	1.21e-003	4.91e-004	2.89e-005	2.16e-004
247	2.02	0.42	-1.66e-003	4.87e-004	2.00e-005	2.24e-004
248	2.02	0.42	-2.35e-003	4.63e-004	8.26e-006	2.32e-004
249	2.02	0.41	-2.63e-003	4.25e-004	4.28e-006	2.40e-004
250	2.02	0.41	-2.76e-003	3.79e-004	3.62e-006	2.48e-004
251	2.02	0.41	-2.93e-003	3.23e-004	5.30e-006	2.55e-004
252	2.02	0.40	-3.30e-003	2.60e-004	1.08e-005	2.61e-004
253	2.02	0.40	-4.21e-003	1.90e-004	2.46e-005	2.62e-004
254	2.03	0.40	-5.90e-003	1.15e-004	3.38e-005	2.51e-004
255	2.03	0.39	-9.46e-003	-5.28e-005	2.06e-004	2.21e-004
256	2.02	0.39	-1.35e-002	1.19e-004	-2.83e-005	2.09e-004
257	2.02	0.40	-1.37e-002	1.64e-004	3.93e-005	2.11e-004
258	2.02	0.40	-1.39e-002	2.18e-004	-4.93e-006	2.11e-004
259	2.02	0.40	-1.29e-002	2.70e-004	-1.05e-005	2.10e-004
260	2.02	0.41	-1.14e-002	3.17e-004	-2.29e-005	2.08e-004
261	2.02	0.41	-9.53e-003	3.56e-004	-2.63e-005	2.06e-004
262	2.02	0.42	-7.61e-003	3.88e-004	-2.61e-005	2.05e-004
263	2.02	0.42	-5.92e-003	4.10e-004	-2.07e-005	2.03e-004
264	2.02	0.43	-4.71e-003	4.23e-004	-1.01e-005	2.01e-004
265	2.02	0.43	-4.15e-003	4.28e-004	4.85e-006	1.99e-004
266	2.02	-0.68	5.32e-003	-1.86e-004	1.07e-004	2.14e-004
267	2.02	-0.66	-9.20e-003	-1.63e-004	4.16e-005	2.28e-004
268	2.02	-0.65	-1.11e-002	-1.38e-004	5.51e-005	2.15e-004
269	2.02	-0.65	-1.29e-002	-1.20e-004	5.82e-005	2.07e-004
270	2.02	-0.64	-1.33e-002	-1.08e-004	-3.58e-005	1.97e-004
271	2.02	-0.63	-1.59e-002	-1.01e-004	5.95e-005	1.96e-004
272	2.03	-0.68	5.33e-003	-9.89e-005	9.97e-005	2.20e-004
273	2.03	-0.67	-9.03e-003	-1.13e-004	6.15e-005	2.28e-004
274	2.02	-0.66	-1.11e-002	-1.20e-004	5.16e-005	2.22e-004
275	2.02	-0.65	-1.29e-002	-1.07e-004	4.50e-005	2.19e-004
276	2.02	-0.64	-1.40e-002	-7.84e-005	3.50e-005	2.10e-004
277	2.02	-0.63	-1.60e-002	-4.76e-005	3.44e-005	1.97e-004

278	2.03	-0.68	5.34e-003	-4.31e-005	1.32e-004	2.23e-004
279	2.03	-0.67	-8.85e-003	-9.24e-005	5.16e-005	2.14e-004
280	2.03	-0.66	-1.11e-002	-1.11e-004	3.70e-005	2.23e-004
281	2.02	-0.65	-1.28e-002	-1.00e-004	2.61e-005	2.31e-004
282	2.02	-0.64	-1.42e-002	-6.66e-005	2.55e-005	2.31e-004
283	2.02	-0.63	-1.61e-002	-2.52e-005	5.08e-005	2.09e-004
284	2.02	-0.62	-1.80e-002	-1.73e-004	4.35e-006	1.99e-004
285	2.02	0.44	-4.30e-003	4.23e-004	2.80e-005	1.97e-004
286	2.02	0.44	-5.33e-003	4.10e-004	4.40e-005	1.96e-004
287	2.02	-0.60	-1.69e-002	-4.10e-004	-2.09e-005	1.99e-004
288	2.02	-0.58	-1.27e-002	-6.34e-004	-3.32e-005	1.99e-004
289	2.02	0.45	-8.00e-003	3.88e-004	1.01e-004	1.96e-004
290	2.02	0.45	-1.14e-002	3.60e-004	3.70e-005	1.99e-004
291	2.02	-0.56	-7.69e-003	-7.73e-004	-3.64e-005	1.99e-004
292	2.02	0.55	-3.95e-003	-8.20e-004	-3.01e-005	1.99e-004
293	2.03	0.46	-1.94e-002	3.29e-004	1.79e-004	2.09e-004
294	2.02	0.53	-4.37e-003	-8.36e-004	-9.04e-006	1.99e-004
295	2.02	0.40	-1.30e-002	1.02e-004	2.55e-005	2.22e-004
296	2.02	0.40	-1.37e-002	1.59e-004	2.85e-005	2.28e-004
297	2.02	0.51	-2.46e-003	-8.14e-004	-2.12e-005	1.99e-004
298	2.02	0.50	1.03e-003	-6.83e-004	-1.76e-005	1.99e-004
299	2.02	0.41	-1.38e-002	2.17e-004	-4.40e-006	2.28e-004
300	2.02	0.41	-1.29e-002	2.70e-004	-1.32e-005	2.25e-004
301	2.02	0.48	3.37e-003	-4.50e-004	-8.71e-006	1.99e-004
302	2.02	0.46	2.95e-003	-1.71e-004	1.71e-005	1.99e-004
303	2.02	0.42	-1.14e-002	3.17e-004	-2.43e-005	2.21e-004
304	2.02	-0.62	-1.86e-002	-1.55e-004	-5.00e-005	1.62e-004
305	2.02	-0.62	-1.78e-002	-2.76e-004	1.98e-005	1.48e-004
306	2.02	-0.61	-1.69e-002	-4.09e-004	-2.01e-005	1.49e-004
307	2.02	-0.61	-1.50e-002	-5.32e-004	-2.41e-005	1.55e-004
308	2.02	0.60	-1.27e-002	-6.35e-004	-3.41e-005	1.63e-004
309	2.02	0.60	-1.02e-002	-7.16e-004	-3.20e-005	1.72e-004
310	2.02	0.59	-7.70e-003	-7.74e-004	-3.56e-005	1.82e-004
311	2.02	0.58	-5.71e-003	-8.09e-004	-8.08e-006	1.92e-004
312	2.02	0.58	-3.35e-003	-8.24e-004	-8.22e-005	2.00e-004
313	2.02	0.57	-3.93e-003	-8.28e-004	1.94e-005	1.98e-004
314	2.02	-0.63	-1.79e-002	-1.30e-004	1.78e-005	1.29e-004
315	2.02	-0.63	-1.77e-002	-2.71e-004	7.64e-006	1.31e-004
316	2.02	0.63	-1.69e-002	-4.09e-004	-1.91e-005	1.33e-004
317	2.02	0.63	-1.50e-002	-5.32e-004	-2.68e-005	1.35e-004
318	2.02	0.62	-1.27e-002	-6.35e-004	-3.49e-005	1.41e-004
319	2.02	0.62	-1.02e-002	-7.16e-004	-3.47e-005	1.53e-004
320	2.02	0.62	-7.72e-003	-7.74e-004	-3.46e-005	1.68e-004
321	2.02	0.61	-5.76e-003	-8.11e-004	-1.84e-005	1.84e-004
322	2.02	0.60	-4.12e-003	-8.30e-004	-1.24e-005	1.98e-004
323	2.02	0.60	-4.01e-003	-8.37e-004	-5.71e-006	1.97e-004
324	2.02	-0.63	-1.75e-002	-1.20e-004	1.36e-005	1.35e-004
325	2.02	0.63	-1.77e-002	-2.69e-004	-1.08e-005	1.66e-004
326	2.02	0.64	-1.68e-002	-4.09e-004	-2.49e-005	1.64e-004
327	2.02	0.64	-1.50e-002	-5.32e-004	-3.68e-005	1.51e-004
328	2.02	0.65	-1.27e-002	-6.35e-004	-4.41e-005	1.42e-004
329	2.02	0.65	-1.02e-002	-7.16e-004	-4.47e-005	1.45e-004
330	2.02	0.64	-7.76e-003	-7.75e-004	-4.04e-005	1.58e-004
331	2.02	0.64	-5.73e-003	-8.12e-004	-3.42e-005	1.77e-004
332	2.02	0.63	-4.40e-003	-8.33e-004	-1.83e-005	1.95e-004
333	2.02	0.62	-4.03e-003	-8.39e-004	-6.81e-006	1.96e-004
334	2.02	0.56	-5.24e-003	-8.38e-004	-7.65e-005	1.95e-004
335	2.02	0.55	-3.59e-003	-8.39e-004	5.39e-006	2.04e-004
336	2.02	0.54	-2.44e-003	-8.15e-004	-2.00e-005	2.16e-004
337	2.02	0.53	-9.43e-004	-7.63e-004	-1.65e-005	2.27e-004
338	2.02	0.52	1.03e-003	-6.84e-004	-1.83e-005	2.39e-004
339	2.02	0.51	2.34e-003	-5.78e-004	-1.03e-005	2.51e-004
340	2.02	0.49	3.35e-003	-4.50e-004	-7.74e-006	2.60e-004
341	2.02	0.48	3.54e-003	-3.04e-004	2.33e-005	2.63e-004
342	2.02	0.47	3.79e-003	-1.62e-004	-5.01e-005	2.50e-004

343	2.02	0.46	1.15e-003	7.59e-005	5.00e-005	2.11e-004
344	2.02	0.59	-4.50e-003	-8.44e-004	3.45e-006	1.94e-004
345	2.02	0.58	-3.51e-003	-8.40e-004	-3.32e-006	2.10e-004
346	2.02	0.57	-2.43e-003	-8.15e-004	-1.90e-005	2.33e-004
347	2.02	0.56	-9.46e-004	-7.63e-004	-1.83e-005	2.58e-004
348	2.02	0.54	1.02e-003	-6.83e-004	-1.86e-005	2.83e-004
349	2.02	0.53	2.34e-003	-5.78e-004	-1.21e-005	-3.07e-004
350	2.02	0.51	3.33e-003	-4.50e-004	-6.83e-006	-3.27e-004
351	2.02	0.49	3.45e-003	-3.03e-004	1.72e-005	-3.37e-004
352	2.02	0.48	3.12e-003	-1.48e-004	2.36e-005	3.15e-004
353	2.02	0.46	1.19e-003	3.23e-005	3.36e-005	2.24e-004
354	2.02	0.62	-4.20e-003	-8.46e-004	-5.98e-006	1.95e-004
355	2.02	0.61	-3.58e-003	-8.41e-004	-1.93e-005	2.18e-004
356	2.02	0.60	-2.41e-003	-8.15e-004	-2.21e-005	2.52e-004
357	2.02	0.58	-9.41e-004	-7.63e-004	-2.42e-005	2.90e-004
358	2.02	0.56	1.01e-003	-6.84e-004	-2.43e-005	-3.29e-004
359	2.02	0.55	2.31e-003	-5.79e-004	-1.80e-005	-3.66e-004
360	2.02	0.52	3.30e-003	-4.50e-004	-1.01e-005	-3.97e-004
361	2.02	0.50	3.50e-003	-3.02e-004	-1.69e-006	-4.14e-004
362	2.02	0.48	2.80e-003	-1.42e-004	1.92e-005	-3.84e-004
363	2.02	0.46	1.23e-003	3.28e-006	5.30e-005	2.40e-004
364	2.02	0.45	-2.04e-003	-1.16e-004	4.26e-006	1.99e-004
365	2.02	0.42	-9.52e-003	3.56e-004	-2.81e-005	2.16e-004
366	2.02	0.43	-7.62e-003	3.87e-004	-2.79e-005	2.11e-004
367	2.02	0.44	-2.38e-003	-3.12e-004	-3.93e-006	1.99e-004
368	2.02	0.43	1.05e-003	-5.13e-004	-9.30e-006	1.99e-004
369	2.02	0.44	-5.93e-003	4.09e-004	-2.25e-005	2.07e-004
370	2.02	0.44	-4.74e-003	4.23e-004	-1.20e-005	2.03e-004
371	2.02	0.42	1.33e-003	6.54e-004	-1.16e-005	1.99e-004
372	2.02	0.41	2.02e-003	7.25e-004	-1.26e-005	1.99e-004
373	2.02	0.45	-4.17e-003	4.27e-004	3.68e-006	1.99e-004
374	2.02	0.45	-4.33e-003	4.23e-004	2.50e-005	1.96e-004
375	2.02	0.40	2.26e-004	7.75e-004	-8.85e-006	1.99e-004
376	2.02	0.39	1.86e-003	8.38e-004	-2.22e-005	1.99e-004
377	2.02	0.45	-5.40e-003	4.10e-004	4.50e-005	1.94e-004
378	2.03	0.46	-8.11e-003	3.88e-004	8.60e-005	1.95e-004
379	2.02	0.39	5.50e-003	8.24e-004	-1.91e-005	1.99e-004
380	2.02	0.38	8.16e-003	7.28e-004	-5.87e-006	1.99e-004
381	2.03	0.46	-1.22e-002	3.60e-004	9.38e-005	2.01e-004
382	2.03	0.47	-1.91e-002	3.26e-004	1.31e-004	2.23e-004
383	2.02	0.38	7.09e-003	5.91e-004	2.45e-005	1.99e-004
384	2.02	0.45	-2.56e-003	-1.03e-004	-4.33e-005	1.84e-004
385	2.02	0.45	-2.34e-003	-2.00e-004	2.94e-005	1.76e-004
386	2.02	0.45	-2.36e-003	-3.12e-004	-2.98e-006	1.76e-004
387	2.02	0.45	-1.78e-003	-4.19e-004	-2.96e-006	1.78e-004
388	2.02	0.44	1.05e-003	-5.13e-004	-9.76e-006	1.81e-004
389	2.02	0.44	7.44e-004	5.92e-004	-6.26e-006	1.85e-004
390	2.02	0.44	1.31e-003	6.54e-004	-1.02e-005	1.89e-004
391	2.02	0.44	1.68e-003	7.00e-004	1.98e-005	1.93e-004
392	2.02	0.43	2.62e-003	7.29e-004	-6.28e-005	1.97e-004
393	2.02	0.43	8.00e-004	7.47e-004	3.35e-005	1.98e-004
394	2.02	0.46	-1.93e-003	-8.55e-005	2.18e-005	1.73e-004
395	2.02	0.46	-2.29e-003	-1.97e-004	1.74e-005	1.78e-004
396	2.02	0.46	-2.34e-003	-3.12e-004	-1.98e-006	1.80e-004
397	2.02	0.46	-1.77e-003	-4.19e-004	-5.17e-006	1.80e-004
398	2.02	0.46	1.05e-003	-5.13e-004	-1.03e-005	1.80e-004
399	2.02	0.46	7.44e-004	5.92e-004	-8.72e-006	1.81e-004
400	2.02	0.46	1.29e-003	6.55e-004	-8.68e-006	1.85e-004
401	2.02	0.46	1.62e-003	7.02e-004	6.32e-006	1.90e-004
402	2.02	0.46	1.79e-003	7.35e-004	1.03e-005	1.95e-004
403	2.02	0.45	7.77e-004	7.56e-004	8.51e-006	1.97e-004
404	2.02	0.46	-1.69e-003	-7.83e-005	1.91e-005	1.80e-004
405	2.02	0.46	-2.31e-003	-1.96e-004	4.27e-006	2.06e-004
406	2.02	0.47	-2.29e-003	-3.12e-004	-5.07e-006	2.10e-004
407	2.02	0.47	-1.75e-003	-4.19e-004	-1.25e-005	2.03e-004

408	2.02	0.48	1.04e-003	-5.13e-004	-1.69e-005	1.95e-004
409	2.02	0.48	7.41e-004	5.92e-004	-1.62e-005	1.89e-004
410	2.02	0.48	1.26e-003	6.55e-004	-1.17e-005	1.87e-004
411	2.02	0.48	1.66e-003	7.03e-004	-7.38e-006	1.90e-004
412	2.02	0.48	1.52e-003	7.37e-004	6.87e-006	1.95e-004
413	2.02	0.48	7.82e-004	7.58e-004	7.13e-006	1.97e-004
414	2.02	0.43	-9.87e-004	7.78e-004	-7.36e-005	1.98e-004
415	2.02	0.42	6.50e-004	8.16e-004	8.53e-006	2.01e-004
416	2.02	0.42	1.87e-003	8.39e-004	-2.13e-005	2.05e-004
417	2.02	0.42	3.67e-003	8.42e-004	-1.81e-005	2.09e-004
418	2.02	0.41	5.49e-003	8.24e-004	-2.01e-005	2.14e-004
419	2.02	0.41	7.06e-003	7.86e-004	-1.00e-005	2.19e-004
420	2.02	0.40	8.14e-003	7.28e-004	-5.81e-006	2.23e-004
421	2.02	0.40	8.12e-003	6.56e-004	3.36e-005	2.24e-004
422	2.02	0.40	7.96e-003	5.82e-004	-3.64e-005	2.19e-004
423	2.02	0.39	3.66e-003	5.42e-004	7.26e-005	2.05e-004
424	2.02	0.45	2.36e-004	7.84e-004	5.11e-006	2.01e-004
425	2.02	0.45	7.27e-004	8.18e-004	-1.57e-006	2.06e-004
426	2.02	0.45	1.89e-003	8.39e-004	-2.03e-005	2.12e-004
427	2.02	0.44	3.67e-003	8.42e-004	-2.04e-005	2.20e-004
428	2.02	0.44	5.48e-003	8.24e-004	-2.07e-005	2.29e-004
429	2.02	0.43	7.05e-003	7.86e-004	-1.21e-005	2.40e-004
430	2.02	0.43	8.10e-003	7.28e-004	-5.26e-006	2.51e-004
431	2.02	0.42	8.03e-003	6.52e-004	2.65e-005	2.57e-004
432	2.02	0.41	7.42e-003	5.65e-004	2.33e-005	2.48e-004
433	2.02	0.41	3.71e-003	5.02e-004	6.76e-005	2.11e-004
434	2.02	0.48	2.29e-004	7.87e-004	-2.14e-006	2.07e-004
435	2.02	0.47	6.67e-004	8.19e-004	-1.99e-005	2.13e-004
436	2.02	0.47	1.92e-003	8.40e-004	-2.54e-005	2.20e-004
437	2.02	0.47	3.68e-003	8.42e-004	-2.91e-005	2.30e-004
438	2.02	0.46	5.47e-003	8.25e-004	-2.90e-005	2.45e-004
439	2.02	0.46	7.01e-003	7.86e-004	-2.07e-005	2.63e-004
440	2.02	0.45	8.05e-003	7.28e-004	-1.09e-005	2.82e-004
441	2.02	0.44	8.07e-003	6.51e-004	6.86e-006	2.94e-004
442	2.02	0.43	6.92e-003	5.57e-004	2.55e-005	2.83e-004
443	2.03	0.43	3.73e-003	4.47e-004	1.71e-004	-2.15e-004
444	2.02	0.38	1.12e-003	5.34e-004	2.05e-005	1.99e-004
445	2.02	0.38	-2.43e-003	4.67e-004	1.31e-005	1.99e-004
446	2.02	0.38	-2.76e-003	3.79e-004	1.06e-005	1.99e-004
447	2.02	0.38	-3.22e-003	2.62e-004	1.59e-005	1.99e-004
448	2.02	0.38	-5.66e-003	1.50e-004	2.45e-005	1.99e-004
449	2.02	0.40	-1.25e-002	9.51e-005	2.47e-005	2.38e-004
450	2.02	0.41	-1.37e-002	1.57e-004	1.07e-005	-2.50e-004
451	2.02	0.41	-1.37e-002	2.17e-004	-1.07e-005	-2.49e-004
452	2.02	0.42	-1.28e-002	2.70e-004	-2.34e-005	-2.44e-004
453	2.02	0.43	-1.14e-002	3.17e-004	-3.39e-005	2.36e-004
454	2.02	0.39	-1.28e-002	1.31e-004	1.56e-005	1.99e-004
455	2.02	0.39	-1.38e-002	1.66e-004	4.41e-005	1.99e-004
456	2.02	0.43	-9.51e-003	3.56e-004	-3.79e-005	2.28e-004
457	2.02	0.44	-7.63e-003	3.87e-004	-3.76e-005	2.20e-004
458	2.02	0.45	-5.96e-003	4.09e-004	-3.22e-005	2.12e-004
459	2.02	0.45	-4.77e-003	4.23e-004	-2.17e-005	2.05e-004
460	2.02	0.40	-1.29e-002	2.70e-004	-9.19e-006	1.99e-004
461	2.02	0.40	-1.14e-002	3.17e-004	-2.19e-005	1.99e-004
462	2.02	0.41	-7.61e-003	3.88e-004	-2.51e-005	1.99e-004
463	2.02	0.41	-5.91e-003	4.10e-004	-1.97e-005	1.99e-004
464	2.02	0.46	-4.22e-003	4.27e-004	-7.07e-006	2.00e-004
465	2.02	0.46	-4.40e-003	4.23e-004	1.48e-005	1.96e-004
466	2.03	0.47	-5.51e-003	4.10e-004	3.92e-005	1.94e-004
467	2.03	0.47	-8.17e-003	3.88e-004	7.08e-005	1.96e-004
468	2.02	0.42	-4.14e-003	4.28e-004	5.65e-006	1.99e-004
469	2.02	0.43	-4.29e-003	4.23e-004	2.94e-005	1.99e-004
470	2.02	0.44	-7.95e-003	3.88e-004	1.07e-004	1.99e-004
471	2.02	0.44	-1.19e-002	3.57e-004	8.03e-005	1.99e-004
472	2.03	0.47	-1.26e-002	3.56e-004	9.71e-005	2.07e-004

473	2.04	0.48	-1.93e-002	2.85e-004	2.29e-004	2.42e-004
474	2.02	0.39	1.21e-003	5.24e-004	-2.72e-005	2.08e-004
475	2.02	0.39	-1.67e-003	4.97e-004	4.76e-005	2.08e-004
476	2.02	0.39	-2.41e-003	4.66e-004	1.33e-005	2.09e-004
477	2.02	0.39	-2.64e-003	4.27e-004	1.52e-005	2.10e-004
478	2.22	-0.64	-2.16e-002	4.29e-005	1.34e-004	3.50e-004
479	2.23	-0.74	-3.27e-003	8.50e-004	1.02e-004	-1.61e-004
480	2.23	0.47	3.91e-003	8.72e-005	1.49e-004	3.20e-004
481	2.24	0.63	-3.03e-003	9.62e-004	1.18e-004	-3.01e-004
482	2.24	0.59	1.01e-002	9.14e-004	1.39e-004	4.19e-004
483	2.24	0.40	-1.23e-002	-4.08e-005	2.51e-004	3.23e-004
484	2.24	0.48	-2.74e-002	-1.76e-005	2.61e-004	3.13e-004
485	2.05	0.47	2.20e-002	3.26e-005	2.08e-004	-1.88e-004
486	2.05	0.49	-5.53e-003	5.34e-004	1.04e-004	1.91e-004
487	2.05	0.44	1.10e-002	-3.61e-004	1.65e-004	2.55e-004
488	2.09	0.46	3.95e-003	-1.15e-004	2.87e-004	-2.22e-004
489	2.09	0.40	-9.68e-003	-7.52e-005	1.76e-004	-2.18e-004
490	2.09	0.51	-1.97e-002	1.46e-004	2.66e-004	-2.37e-004
491	2.16	0.51	-1.45e-002	1.25e-004	2.67e-004	-2.67e-004
492	2.16	0.40	-8.05e-003	-1.98e-005	1.82e-004	-2.10e-004
493	2.08	0.46	1.12e-002	-1.51e-004	2.04e-004	2.91e-004
494	2.16	0.46	6.21e-003	-8.39e-005	3.08e-004	-2.03e-004
495	2.09	0.40	-2.27e-002	1.29e-004	1.62e-004	2.71e-004
496	2.22	-0.82	3.24e-002	1.82e-004	2.71e-004	2.23e-004
497	2.22	-0.75	2.12e-003	2.20e-004	1.38e-004	3.59e-004
498	1.98	-0.81	2.47e-002	1.65e-004	-8.60e-005	4.76e-004
499	2.26	-0.81	2.49e-003	9.38e-005	8.49e-004	-2.39e-004
500	2.01	-0.81	2.31e-002	1.03e-004	-8.66e-005	-3.53e-004
501	2.47	-0.81	7.66e-003	8.31e-005	-2.29e-003	7.51e-004
502	2.49	-0.81	2.73e-002	-6.68e-005	2.80e-003	3.21e-004
503	2.42	-0.82	2.64e-002	1.08e-004	2.25e-003	5.33e-004
504	1.98	-0.69	2.09e-002	-1.12e-004	1.05e-004	2.53e-004
505	2.12	-0.69	1.63e-003	-6.90e-005	1.47e-003	-1.91e-004
506	2.00	-0.69	1.50e-002	-7.00e-005	1.37e-004	2.44e-004
507	2.15	-0.68	4.49e-003	-7.14e-005	1.38e-003	1.91e-004
508	2.05	-0.68	7.02e-003	-4.91e-005	5.68e-004	-2.74e-004
509	2.06	0.39	-2.26e-002	-5.84e-005	2.36e-004	2.14e-004
510	0.51	5.84e-002	0.00	0.00	0.00	6.26e-005
511	1.16	0.22	0.00	0.00	0.00	1.22e-004
512	2.01	0.46	0.00	0.00	0.00	1.99e-004

SPOSTAMENTI NODALI "Dinamica SLDh Y" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00

21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	-0.23	9.74e-003	-7.90e-003	-2.91e-004	-4.10e-004	4.59e-004
42	-0.23	0.29	-2.71e-003	-1.61e-003	7.20e-005	4.59e-004
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	-0.10	9.74e-003	-4.42e-004	-2.27e-004	-2.67e-004	4.59e-004
47	0.15	9.74e-003	5.04e-004	-2.06e-004	3.82e-004	4.59e-004
48	0.36	9.74e-003	8.20e-003	-2.61e-004	6.90e-004	4.59e-004
49	-0.10	0.29	-6.12e-004	-1.78e-003	8.42e-005	4.59e-004
50	0.15	0.29	2.14e-003	-1.79e-003	7.69e-005	4.59e-004
51	0.36	0.29	3.13e-003	-1.71e-003	9.18e-005	4.59e-004
52	-0.23	0.54	-2.71e-002	-1.10e-003	-2.28e-004	4.59e-004
53	-0.10	0.54	-7.76e-003	-8.28e-004	-1.71e-004	4.59e-004
54	0.15	0.54	5.50e-003	-7.78e-004	2.65e-004	4.59e-004
55	0.35	0.54	1.69e-002	-2.14e-003	3.39e-004	4.59e-004
56	0.34	0.91	2.00e-002	-1.53e-003	6.21e-004	4.59e-004
57	0.15	0.91	1.31e-002	-1.12e-003	4.86e-004	4.59e-004
58	-0.10	0.91	-3.95e-002	-1.28e-003	-2.79e-004	4.59e-004
59	-0.91	0.97	-9.61e-003	-1.82e-003	-1.58e-003	5.73e-004
60	-0.91	0.85	-1.05e-002	-1.33e-003	-6.96e-004	5.73e-004
61	-0.91	0.79	-2.68e-002	-1.59e-003	-1.38e-003	5.73e-004
62	-0.68	0.97	1.25e-003	-9.94e-004	-2.11e-003	5.73e-004
63	-0.68	0.85	1.80e-003	-5.31e-004	-1.83e-003	5.73e-004
64	-0.68	0.79	1.32e-003	-8.55e-004	-2.08e-003	5.73e-004
65	-0.47	0.97	7.91e-003	-1.10e-003	-1.02e-003	5.73e-004
66	-0.47	0.85	5.68e-003	-6.92e-004	-5.47e-004	5.73e-004
67	-0.47	0.79	1.04e-002	-9.36e-004	-9.10e-004	5.73e-004
68	-0.29	0.97	-6.19e-003	-1.01e-003	-8.96e-004	5.73e-004
69	-0.29	0.85	-8.93e-003	-5.07e-004	-7.81e-004	5.73e-004
70	-0.29	0.79	-7.92e-003	-8.46e-004	-8.86e-004	5.73e-004
71	-0.24	0.97	4.63e-003	-8.73e-004	-2.36e-004	5.73e-004
72	-0.24	0.85	1.33e-002	-1.03e-003	1.09e-004	5.73e-004
73	-0.24	0.79	-6.47e-003	-8.32e-004	1.51e-004	5.73e-004
74	0.30	0.97	8.63e-003	-1.08e-003	2.66e-004	5.73e-004
75	0.30	0.85	3.41e-003	-2.40e-003	8.68e-005	5.73e-004
76	0.30	0.79	6.90e-003	-9.34e-004	1.22e-004	5.73e-004
77	0.53	0.97	1.13e-002	-2.09e-003	4.58e-004	5.73e-004
78	0.53	0.85	2.65e-003	-2.68e-003	1.60e-004	5.73e-004
79	0.53	0.79	1.13e-002	-1.64e-003	2.29e-004	5.73e-004
80	-0.24	0.76	-7.51e-004	-2.40e-003	-1.42e-004	5.73e-004
81	0.30	0.76	1.15e-003	-2.25e-003	1.78e-004	5.73e-004
82	0.53	0.76	1.14e-003	-2.42e-003	3.03e-004	5.73e-004
83	-0.32	0.88	-1.49e-002	-1.58e-003	-4.18e-004	5.73e-004
84	-0.32	1.08	-7.14e-003	-3.21e-003	1.07e-004	5.73e-004
85	-0.32	1.35	-6.07e-003	-3.24e-003	1.43e-004	5.73e-004

86	-0.24	0.88	5.13e-003	-1.59e-003	-1.62e-004	5.73e-004
87	0.30	0.88	-2.49e-003	-1.53e-003	1.81e-004	5.73e-004
88	0.53	0.88	1.15e-002	-1.53e-003	3.30e-004	5.73e-004
89	-0.24	1.08	-3.09e-004	-3.46e-003	1.23e-004	5.73e-004
90	0.30	1.08	4.60e-004	-3.38e-003	-1.03e-004	5.73e-004
91	0.53	1.08	6.73e-003	-3.15e-003	-1.30e-004	5.73e-004
92	-0.24	1.35	-1.30e-003	-3.26e-003	1.41e-004	5.73e-004
93	0.30	1.35	4.18e-003	-3.19e-003	1.41e-004	5.73e-004
94	0.53	1.35	6.95e-003	-3.26e-003	-1.23e-004	5.73e-004
95	-0.32	1.62	-4.95e-002	-2.08e-003	2.75e-004	5.73e-004
96	-0.24	1.62	-1.32e-002	-1.58e-003	1.47e-004	5.73e-004
97	0.30	1.62	9.70e-003	-1.28e-003	1.22e-004	5.73e-004
98	0.52	1.62	2.79e-002	-3.22e-003	-2.71e-004	5.73e-004
99	0.51	2.03	3.37e-002	-2.38e-003	-2.71e-004	5.73e-004
100	0.30	2.03	2.12e-002	-1.43e-003	-2.39e-004	5.73e-004
101	-0.24	2.03	-6.59e-002	-1.99e-003	2.38e-004	5.73e-004
102	-3.37e-002	2.06e-003	-2.47e-003	-7.78e-006	-5.80e-004	4.15e-005
103	-0.10	3.85e-003	-3.94e-003	-2.95e-005	-7.65e-004	1.96e-004
104	-0.17	4.88e-003	-5.32e-003	5.69e-006	-7.30e-004	3.74e-004
105	-1.40e-002	2.66e-003	-4.36e-004	-1.59e-005	-2.32e-004	8.88e-005
106	-4.05e-002	4.71e-003	-6.13e-004	-2.53e-005	-3.13e-004	2.02e-004
107	-7.14e-002	6.17e-003	-6.39e-004	1.13e-006	-3.29e-004	3.29e-004
108	2.04e-002	2.87e-003	4.98e-004	-1.76e-005	3.43e-004	9.46e-005
109	5.96e-002	4.98e-003	7.37e-004	-2.56e-005	4.59e-004	2.11e-004
110	0.10	6.24e-003	7.98e-004	4.05e-006	4.80e-004	3.34e-004
111	5.00e-002	2.40e-003	2.48e-003	-8.53e-006	8.86e-004	2.97e-005
112	0.15	4.21e-003	3.97e-003	-3.04e-005	1.18e-003	1.72e-004
113	0.27	4.89e-003	5.39e-003	8.99e-006	1.15e-003	3.75e-004
114	-0.12	9.74e-003	-1.93e-003	1.22e-005	-3.59e-004	4.59e-004
115	-0.15	9.74e-003	-2.27e-003	-5.35e-005	-4.46e-004	4.59e-004
116	-0.19	9.74e-003	-2.98e-003	4.50e-006	-5.13e-004	4.59e-004
117	0.12	9.74e-003	-3.04e-004	1.35e-005	3.77e-004	4.59e-004
118	-0.11	9.74e-003	1.54e-004	-5.21e-005	-3.38e-004	4.59e-004
119	-0.10	9.74e-003	5.73e-004	1.73e-005	-3.06e-004	4.59e-004
120	0.30	9.74e-003	3.09e-003	-3.39e-006	8.62e-004	4.59e-004
121	0.25	9.74e-003	2.27e-003	-3.77e-005	7.44e-004	4.59e-004
122	0.20	9.74e-003	1.81e-003	2.71e-006	5.91e-004	4.59e-004
123	-8.44e-003	2.58e-003	2.44e-003	-1.24e-006	5.92e-004	5.21e-005
124	5.19e-002	2.65e-003	2.25e-003	-8.99e-007	7.30e-004	2.43e-005
125	0.13	4.36e-003	2.89e-003	-1.77e-005	9.05e-004	1.80e-004
126	0.22	5.94e-003	2.40e-003	1.29e-005	9.13e-004	3.72e-004
127	-1.00e-002	2.69e-003	2.38e-003	2.09e-006	5.73e-004	-1.10e-005
128	4.53e-002	3.32e-003	2.40e-003	-6.42e-006	6.18e-004	7.71e-005
129	0.11	4.82e-003	2.33e-003	-1.24e-005	6.98e-004	2.01e-004
130	0.18	7.10e-003	2.27e-003	-2.84e-005	7.39e-004	3.37e-004
131	-6.60e-003	2.06e-003	1.81e-003	-1.05e-005	4.05e-004	-4.55e-005
132	3.40e-002	3.08e-003	1.73e-003	-1.50e-005	4.70e-004	1.10e-004
133	8.33e-002	5.09e-003	1.71e-003	-1.65e-005	5.64e-004	2.19e-004
134	0.14	6.60e-003	2.48e-003	1.63e-005	5.96e-004	3.28e-004
135	-2.54e-003	1.55e-003	-6.73e-005	-4.70e-006	1.53e-004	-2.26e-005
136	1.67e-002	2.65e-003	-8.00e-005	-1.40e-005	2.83e-004	5.60e-005
137	4.88e-002	4.82e-003	3.59e-004	-1.42e-005	3.84e-004	1.93e-004
138	8.68e-002	6.15e-003	-1.36e-004	1.82e-005	4.08e-004	3.42e-004
139	3.31e-003	1.98e-003	-8.32e-005	8.04e-006	-1.62e-004	-1.70e-005
140	-1.49e-002	2.75e-003	-9.33e-005	-9.09e-006	-2.35e-004	5.71e-005
141	-4.14e-002	4.76e-003	1.16e-004	-1.24e-005	-3.18e-004	1.88e-004
142	-7.34e-002	6.89e-003	1.44e-004	-2.74e-005	-3.46e-004	3.36e-004
143	2.03e-003	1.51e-003	7.16e-005	-5.07e-006	-1.28e-004	-2.70e-005
144	-1.34e-002	2.57e-003	-7.17e-005	-1.34e-005	-2.19e-004	6.59e-005
145	-3.82e-002	4.71e-003	-2.34e-004	-1.52e-005	-2.97e-004	1.92e-004
146	-6.79e-002	6.02e-003	2.95e-004	2.05e-005	-3.21e-004	3.36e-004
147	3.10e-003	1.26e-003	-1.53e-003	-1.57e-005	-2.23e-004	-3.09e-005
148	-2.03e-002	2.56e-003	-1.50e-003	-1.63e-005	-2.88e-004	9.24e-005
149	-5.14e-002	4.58e-003	-1.46e-003	-1.81e-005	-3.60e-004	2.01e-004
150	-8.66e-002	6.10e-003	-2.12e-003	1.54e-005	-3.75e-004	3.23e-004

151	5.05e-003	1.84e-003	-2.20e-003	1.43e-006	-3.21e-004	-1.45e-005
152	-2.72e-002	2.57e-003	-2.25e-003	-8.64e-006	-3.74e-004	7.00e-005
153	-6.65e-002	4.25e-003	-2.23e-003	-1.35e-005	-4.45e-004	1.97e-004
154	-0.11	6.69e-003	-2.25e-003	-3.25e-005	-4.60e-004	3.38e-004
155	4.08e-003	1.85e-003	-2.22e-003	3.07e-006	-3.27e-004	2.90e-005
156	-3.17e-002	2.09e-003	-2.18e-003	-3.73e-006	-4.67e-004	3.75e-005
157	-8.28e-002	3.93e-003	-3.00e-003	-1.92e-005	-5.91e-004	1.94e-004
158	-0.14	5.36e-003	-2.76e-003	1.25e-005	-5.82e-004	3.72e-004
159	-1.62	1.88	-1.28e-002	-8.71e-004	6.92e-004	9.72e-004
160	-1.62	1.69	-1.40e-002	-8.26e-004	4.83e-004	9.72e-004
161	-1.62	1.58	-3.70e-002	-4.97e-004	7.23e-004	9.72e-004
162	-1.22	1.88	1.68e-003	-5.55e-004	8.84e-004	9.72e-004
163	-1.22	1.69	1.89e-003	-6.50e-004	1.06e-003	9.72e-004
164	-1.22	1.58	2.22e-003	-1.64e-004	8.81e-004	9.72e-004
165	-0.87	1.88	1.11e-002	-5.70e-004	3.18e-004	9.72e-004
166	-0.87	1.69	8.20e-003	-5.93e-004	2.01e-004	9.72e-004
167	-0.87	1.58	1.48e-002	-2.13e-004	3.16e-004	9.72e-004
168	-0.54	1.88	-8.29e-003	-5.27e-004	4.78e-004	9.72e-004
169	-0.54	1.69	-1.08e-002	-5.97e-004	4.92e-004	9.72e-004
170	-0.54	1.58	-1.17e-002	-1.34e-004	3.83e-004	9.72e-004
171	-0.41	1.88	6.40e-003	-4.98e-004	-1.67e-004	9.72e-004
172	-0.41	1.69	1.49e-002	-7.01e-004	8.43e-005	9.72e-004
173	-0.41	1.58	-1.27e-002	-3.03e-004	8.71e-005	9.72e-004
174	0.47	1.88	1.21e-002	-5.45e-004	1.48e-004	9.72e-004
175	0.47	1.69	6.43e-003	-9.19e-004	-5.65e-005	9.72e-004
176	0.47	1.58	1.17e-002	-5.29e-004	-1.06e-004	9.72e-004
177	0.84	1.88	1.60e-002	-9.21e-004	-1.95e-004	9.72e-004
178	0.84	1.69	4.57e-003	-1.25e-003	-9.82e-005	9.72e-004
179	0.84	1.58	1.52e-002	-9.97e-004	-1.16e-004	9.72e-004
180	-0.41	1.50	-1.16e-003	-1.29e-003	-5.62e-005	9.72e-004
181	0.47	1.50	2.24e-003	-2.16e-003	9.93e-005	9.72e-004
182	0.84	1.50	1.95e-003	-1.84e-003	-1.30e-004	9.72e-004
183	-0.60	1.64	-1.97e-002	-7.47e-004	1.75e-004	9.72e-004
184	-0.60	1.91	-7.05e-003	-1.81e-003	-1.09e-004	9.72e-004
185	-0.60	2.33	-8.57e-003	-1.98e-003	9.96e-005	9.72e-004
186	-0.41	1.64	2.76e-003	-5.33e-004	6.98e-005	9.72e-004
187	0.47	1.64	3.07e-003	-3.94e-004	-1.00e-004	9.72e-004
188	0.84	1.64	1.53e-002	-1.04e-003	-1.30e-004	9.72e-004
189	-0.41	1.91	-3.34e-004	-1.61e-003	-6.18e-005	9.72e-004
190	0.47	1.91	8.08e-004	-2.20e-003	1.05e-004	9.72e-004
191	0.84	1.91	6.44e-003	-2.80e-003	-1.48e-004	9.72e-004
192	-0.41	2.33	-2.03e-003	-1.94e-003	8.02e-005	9.72e-004
193	0.47	2.33	6.55e-003	-2.17e-003	-1.01e-004	9.72e-004
194	0.84	2.33	9.01e-003	-3.03e-003	-9.64e-005	9.72e-004
195	-0.60	2.76	-6.12e-002	-8.88e-004	1.81e-004	9.72e-004
196	-0.41	2.76	-2.00e-002	-6.95e-004	8.33e-005	9.72e-004
197	0.47	2.76	1.72e-002	-8.19e-004	-1.08e-004	9.72e-004
198	0.82	2.76	3.30e-002	-1.69e-003	-2.24e-004	9.72e-004
199	0.80	3.44	3.96e-002	-1.80e-003	-2.44e-004	9.72e-004
200	0.47	3.44	2.47e-002	-1.58e-003	-1.39e-004	9.72e-004
201	-0.41	3.44	-7.64e-002	-1.88e-003	1.64e-004	9.72e-004
202	0.47	1.66	9.24e-003	-5.80e-004	-4.45e-005	9.72e-004
203	0.47	1.64	1.10e-002	-4.41e-004	-2.70e-005	9.72e-004
204	0.47	1.62	1.19e-002	-3.66e-004	-1.95e-005	9.72e-004
205	0.47	1.60	1.22e-002	-3.52e-004	-5.49e-006	9.72e-004
206	0.47	1.55	1.13e-002	-7.86e-004	1.33e-005	9.72e-004
207	0.47	1.53	9.44e-003	-1.44e-003	1.77e-005	9.72e-004
208	0.47	1.51	6.97e-003	-1.91e-003	2.08e-005	9.72e-004
209	0.47	1.50	4.42e-003	-2.14e-003	1.99e-005	9.72e-004
210	0.47	1.51	1.57e-003	-2.20e-003	6.18e-006	9.72e-004
211	0.47	1.53	1.80e-003	-1.98e-003	5.23e-006	9.72e-004
212	0.47	1.55	2.61e-003	-1.48e-003	-5.20e-006	9.72e-004
213	0.47	1.59	3.32e-003	-7.62e-004	-6.28e-006	9.72e-004
214	0.47	1.68	2.92e-003	-6.33e-004	9.71e-006	9.72e-004
215	0.47	1.73	2.43e-003	-1.26e-003	5.11e-006	9.72e-004

216	0.47	1.79	1.91e-003	-1.76e-003	5.22e-006	9.72e-004
217	0.47	1.85	1.40e-003	-2.09e-003	8.43e-006	9.72e-004
218	0.47	1.99	8.56e-004	-2.51e-003	-3.42e-006	9.72e-004
219	0.47	2.07	1.90e-003	-2.67e-003	-9.56e-006	9.72e-004
220	0.47	2.15	3.50e-003	-2.61e-003	-1.24e-005	9.72e-004
221	0.47	2.24	5.21e-003	-2.34e-003	-1.35e-005	9.72e-004
222	0.47	2.41	8.69e-003	-1.86e-003	-1.94e-005	9.72e-004
223	0.47	2.50	1.12e-002	-1.61e-003	-2.19e-005	9.72e-004
224	0.47	2.58	1.37e-002	-1.26e-003	-2.12e-005	9.72e-004
225	0.47	2.67	1.60e-002	-8.29e-004	-1.87e-005	9.72e-004
226	0.47	2.89	1.96e-002	-1.12e-003	-1.39e-005	9.72e-004
227	0.47	3.02	2.16e-002	-1.74e-003	-1.37e-005	9.72e-004
228	0.47	3.16	2.33e-002	-2.03e-003	-1.09e-005	9.72e-004
229	0.47	3.30	2.44e-002	-1.95e-003	-1.16e-005	9.72e-004
230	0.47	2.59	1.24e-002	-1.45e-003	-2.24e-005	9.09e-004
231	0.47	2.62	1.37e-002	-1.26e-003	-2.14e-005	8.97e-004
232	0.47	2.66	1.49e-002	-1.04e-003	-2.08e-005	8.90e-004
233	0.47	2.70	1.60e-002	-8.16e-004	-1.83e-005	8.97e-004
234	0.47	2.74	1.71e-002	-6.23e-004	-2.07e-005	9.41e-004
235	0.47	2.78	1.76e-002	-5.48e-004	-1.83e-005	9.92e-004
236	0.47	2.50	7.60e-003	-1.86e-003	-1.78e-005	9.20e-004
237	0.47	2.54	8.69e-003	-1.82e-003	-2.04e-005	9.15e-004
238	0.47	2.57	9.88e-003	-1.73e-003	-2.20e-005	8.99e-004
239	0.47	2.60	1.12e-002	-1.60e-003	-2.24e-005	8.78e-004
240	0.47	2.64	1.24e-002	-1.45e-003	-2.26e-005	8.56e-004
241	0.47	2.67	1.37e-002	-1.26e-003	-2.17e-005	8.35e-004
242	0.47	2.69	1.49e-002	-1.04e-003	-2.09e-005	8.20e-004
243	0.47	2.72	1.60e-002	-7.95e-004	-1.90e-005	8.22e-004
244	0.47	2.76	1.71e-002	-5.40e-004	-2.15e-005	8.67e-004
245	0.47	2.79	1.79e-002	-3.82e-004	-1.89e-005	1.01e-003
246	0.47	2.56	7.63e-003	-1.81e-003	-1.93e-005	9.38e-004
247	0.47	2.60	8.69e-003	-1.80e-003	-2.20e-005	9.08e-004
248	0.47	2.63	9.89e-003	-1.73e-003	-2.31e-005	8.76e-004
249	0.47	2.66	1.12e-002	-1.60e-003	-2.39e-005	8.44e-004
250	0.47	2.68	1.24e-002	-1.45e-003	-2.40e-005	-8.15e-004
251	0.47	2.71	1.37e-002	-1.25e-003	-2.31e-005	-7.90e-004
252	0.47	2.73	1.49e-002	-1.03e-003	-2.18e-005	-7.71e-004
253	0.47	2.75	1.60e-002	-7.84e-004	-1.95e-005	-7.64e-004
254	0.47	2.77	1.70e-002	-5.08e-004	-1.96e-005	-7.99e-004
255	0.47	2.81	1.83e-002	-2.96e-004	-4.00e-005	1.03e-003
256	0.47	2.82	1.82e-002	-6.55e-004	-2.39e-005	1.05e-003
257	0.47	2.87	1.89e-002	-8.73e-004	-1.31e-005	1.11e-003
258	0.47	2.93	1.96e-002	-1.12e-003	-1.37e-005	1.12e-003
259	0.47	2.98	2.03e-002	-1.36e-003	-1.32e-005	1.11e-003
260	0.47	3.03	2.09e-002	-1.57e-003	-1.40e-005	1.09e-003
261	0.47	3.08	2.16e-002	-1.74e-003	-1.38e-005	1.07e-003
262	0.47	3.13	2.22e-002	-1.87e-003	-1.33e-005	1.04e-003
263	0.47	3.18	2.28e-002	-1.97e-003	-1.23e-005	1.02e-003
264	0.47	3.23	2.33e-002	-2.03e-003	-1.10e-005	9.96e-004
265	0.47	3.27	2.38e-002	-2.04e-003	-9.94e-006	9.72e-004
266	0.47	1.71	6.55e-003	-5.67e-004	-5.71e-005	9.97e-004
267	0.47	1.68	9.27e-003	-4.97e-004	-4.86e-005	1.02e-003
268	0.47	1.66	1.10e-002	-4.13e-004	-2.71e-005	1.00e-003
269	0.47	1.63	1.19e-002	-3.47e-004	-1.80e-005	9.90e-004
270	0.47	1.61	1.22e-002	-3.02e-004	-9.89e-006	9.78e-004
271	0.47	1.60	1.20e-002	-2.92e-004	-1.19e-005	9.74e-004
272	0.47	1.73	6.64e-003	-3.09e-004	-8.41e-005	1.01e-003
273	0.47	1.70	9.50e-003	-3.50e-004	-4.03e-005	1.02e-003
274	0.47	1.67	1.10e-002	-3.61e-004	-2.91e-005	1.02e-003
275	0.47	1.64	1.19e-002	-3.11e-004	-1.65e-005	1.01e-003
276	0.47	1.62	1.22e-002	-2.23e-004	-7.95e-006	1.00e-003
277	0.47	1.60	1.22e-002	-1.48e-004	-6.66e-006	9.77e-004
278	0.47	1.73	6.85e-003	-1.16e-004	-1.14e-004	1.01e-003
279	0.47	1.71	9.45e-003	-2.86e-004	-3.53e-005	1.00e-003
280	0.47	1.68	1.10e-002	-3.35e-004	-2.19e-005	1.02e-003

281	0.47	1.66	1.18e-002	-2.93e-004	-1.01e-005	1.03e-003
282	0.47	1.63	1.21e-002	-1.92e-004	-4.76e-006	1.03e-003
283	0.47	1.61	1.24e-002	-7.38e-005	-1.14e-005	9.86e-004
284	0.47	1.57	1.19e-002	-5.02e-004	5.72e-006	9.72e-004
285	0.47	3.32	2.42e-002	-2.02e-003	-1.03e-005	9.49e-004
286	0.47	3.36	2.44e-002	-1.95e-003	-1.17e-005	9.28e-004
287	0.47	1.54	1.05e-002	-1.12e-003	1.45e-005	9.72e-004
288	0.47	1.52	8.25e-003	-1.70e-003	1.99e-005	9.72e-004
289	0.47	3.41	2.46e-002	-1.86e-003	-2.08e-005	9.15e-004
290	0.47	3.45	2.48e-002	-1.76e-003	-1.12e-005	9.18e-004
291	0.47	1.50	5.67e-003	-2.06e-003	2.09e-005	9.72e-004
292	0.47	1.50	3.26e-003	-2.18e-003	1.80e-005	9.72e-004
293	0.47	3.49	2.47e-002	-1.71e-003	-3.59e-005	9.73e-004
294	0.47	1.50	1.81e-003	-2.21e-003	8.58e-006	9.72e-004
295	0.47	2.85	1.83e-002	-5.69e-004	-1.05e-005	1.20e-003
296	0.47	2.90	1.89e-002	-8.50e-004	-1.29e-005	1.27e-003
297	0.47	1.52	1.58e-003	-2.13e-003	6.18e-006	9.72e-004
298	0.47	1.54	2.18e-003	-1.77e-003	-6.16e-006	9.72e-004
299	0.47	2.97	1.96e-002	-1.12e-003	-1.34e-005	1.27e-003
300	0.47	3.03	2.03e-002	-1.35e-003	-1.35e-005	1.24e-003
301	0.47	1.57	3.03e-003	-1.14e-003	-5.44e-006	9.72e-004
302	0.47	1.61	3.48e-003	-4.19e-004	-5.63e-006	9.72e-004
303	0.47	3.08	2.09e-002	-1.56e-003	-1.41e-005	1.20e-003
304	0.47	1.58	1.19e-002	-4.54e-004	1.09e-005	9.55e-004
305	0.47	1.58	1.13e-002	-7.76e-004	1.24e-005	9.53e-004
306	0.47	1.58	1.05e-002	-1.12e-003	1.49e-005	9.57e-004
307	0.47	1.58	9.44e-003	-1.44e-003	1.80e-005	9.63e-004
308	0.47	1.58	8.25e-003	-1.70e-003	2.01e-005	9.70e-004
309	0.47	1.58	6.97e-003	-1.91e-003	2.10e-005	9.78e-004
310	0.47	1.58	5.67e-003	-2.06e-003	2.12e-005	9.87e-004
311	0.47	1.58	4.42e-003	-2.15e-003	1.99e-005	9.94e-004
312	0.47	1.57	3.26e-003	-2.19e-003	2.29e-005	9.98e-004
313	0.47	1.57	2.30e-003	-2.20e-003	1.45e-005	9.78e-004
314	0.47	1.60	1.19e-002	-3.86e-004	1.10e-005	9.61e-004
315	0.47	1.61	1.13e-002	-7.63e-004	1.15e-005	9.81e-004
316	0.47	1.62	1.05e-002	-1.12e-003	1.53e-005	9.87e-004
317	0.47	1.63	9.43e-003	-1.44e-003	1.82e-005	9.88e-004
318	0.47	1.64	8.24e-003	-1.70e-003	2.04e-005	9.91e-004
319	0.47	1.64	6.97e-003	-1.91e-003	2.13e-005	9.97e-004
320	0.47	1.65	5.67e-003	-2.06e-003	2.14e-005	1.01e-003
321	0.47	1.65	4.42e-003	-2.15e-003	1.98e-005	1.02e-003
322	0.47	1.65	3.26e-003	-2.20e-003	1.84e-005	1.02e-003
323	0.47	1.65	2.33e-003	-2.22e-003	1.33e-005	9.84e-004
324	0.47	1.61	1.19e-002	-3.61e-004	1.03e-005	1.01e-003
325	0.47	1.63	1.13e-002	-7.56e-004	1.24e-005	1.06e-003
326	0.47	1.66	1.05e-002	-1.12e-003	1.72e-005	1.06e-003
327	0.47	1.68	9.42e-003	-1.44e-003	2.03e-005	1.04e-003
328	0.47	1.70	8.24e-003	-1.70e-003	2.26e-005	1.03e-003
329	0.47	1.71	6.97e-003	-1.91e-003	2.35e-005	1.03e-003
330	0.47	1.72	5.67e-003	-2.06e-003	2.34e-005	1.03e-003
331	0.47	1.72	4.42e-003	-2.16e-003	2.20e-005	1.04e-003
332	0.47	1.73	3.27e-003	-2.21e-003	1.99e-005	1.04e-003
333	0.47	1.73	2.34e-003	-2.22e-003	1.35e-005	9.88e-004
334	0.47	1.58	1.85e-003	-2.22e-003	1.73e-005	9.66e-004
335	0.47	1.58	1.58e-003	-2.21e-003	5.66e-006	9.73e-004
336	0.47	1.59	1.58e-003	-2.13e-003	6.00e-006	9.82e-004
337	0.47	1.59	1.80e-003	-1.98e-003	-5.51e-006	9.92e-004
338	0.47	1.60	2.18e-003	-1.77e-003	-6.40e-006	1.00e-003
339	0.47	1.60	2.61e-003	-1.48e-003	-5.52e-006	1.01e-003
340	0.47	1.61	3.03e-003	-1.14e-003	-5.41e-006	1.02e-003
341	0.47	1.61	3.32e-003	-7.58e-004	-5.46e-006	-1.02e-003
342	0.47	1.63	3.57e-003	-3.93e-004	-1.22e-005	1.02e-003
343	0.47	1.65	3.28e-003	-2.11e-004	-1.16e-005	9.92e-004
344	0.47	1.65	1.81e-003	-2.23e-003	8.29e-006	9.65e-004
345	0.47	1.66	1.58e-003	-2.21e-003	5.54e-006	9.75e-004

346	0.47	1.66	1.58e-003	-2.13e-003	5.84e-006	9.95e-004
347	0.47	1.66	1.80e-003	-1.98e-003	-5.89e-006	1.02e-003
348	0.47	1.65	2.18e-003	-1.77e-003	-6.51e-006	-1.05e-003
349	0.47	1.65	2.61e-003	-1.48e-003	-5.85e-006	-1.08e-003
350	0.47	1.64	3.02e-003	-1.14e-003	-5.39e-006	-1.10e-003
351	0.47	1.64	3.31e-003	-7.53e-004	-5.17e-006	-1.11e-003
352	0.47	1.64	3.51e-003	-3.51e-004	-6.34e-006	-1.09e-003
353	0.47	1.65	3.46e-003	-8.18e-005	-1.03e-005	1.01e-003
354	0.47	1.73	1.82e-003	-2.23e-003	7.74e-006	9.67e-004
355	0.47	1.73	1.59e-003	-2.21e-003	6.54e-006	9.80e-004
356	0.47	1.73	1.59e-003	-2.13e-003	6.65e-006	1.01e-003
357	0.47	1.72	1.81e-003	-1.98e-003	-7.54e-006	-1.06e-003
358	0.47	1.71	2.18e-003	-1.77e-003	-8.23e-006	-1.11e-003
359	0.47	1.70	2.61e-003	-1.48e-003	-7.60e-006	-1.16e-003
360	0.47	1.68	3.02e-003	-1.14e-003	-6.58e-006	-1.21e-003
361	0.47	1.66	3.30e-003	-7.50e-004	-5.23e-006	-1.23e-003
362	0.47	1.65	3.44e-003	-3.33e-004	-5.53e-006	-1.17e-003
363	0.47	1.65	3.70e-003	2.52e-005	-2.25e-005	1.02e-003
364	0.47	1.66	3.11e-003	-3.76e-004	-4.81e-006	9.72e-004
365	0.47	3.14	2.16e-002	-1.74e-003	-1.40e-005	1.16e-003
366	0.47	3.20	2.22e-002	-1.87e-003	-1.36e-005	1.11e-003
367	0.47	1.71	2.68e-003	-9.49e-004	4.51e-006	9.72e-004
368	0.47	1.76	2.17e-003	-1.53e-003	5.04e-006	9.72e-004
369	0.47	3.25	2.28e-002	-1.97e-003	-1.25e-005	1.07e-003
370	0.47	3.30	2.33e-002	-2.02e-003	-1.11e-005	1.02e-003
371	0.47	1.82	1.66e-003	-1.95e-003	4.92e-006	9.72e-004
372	0.47	1.88	1.18e-003	-2.17e-003	4.11e-006	9.72e-004
373	0.47	3.34	2.38e-002	-2.04e-003	-9.98e-006	9.72e-004
374	0.47	3.39	2.42e-002	-2.02e-003	-1.01e-005	9.26e-004
375	0.47	1.95	6.75e-004	-2.36e-003	3.39e-006	9.72e-004
376	0.47	2.03	1.26e-003	-2.62e-003	-8.79e-006	9.72e-004
377	0.47	3.43	2.44e-002	-1.95e-003	-1.19e-005	8.85e-004
378	0.47	3.47	2.46e-002	-1.85e-003	-1.79e-005	8.59e-004
379	0.47	2.11	2.66e-003	-2.67e-003	-1.19e-005	9.72e-004
380	0.47	2.20	4.38e-003	-2.49e-003	-1.42e-005	9.72e-004
381	0.47	3.51	2.47e-002	-1.73e-003	-1.95e-005	8.72e-004
382	0.47	3.55	2.47e-002	-1.65e-003	-2.49e-005	9.82e-004
383	0.47	2.28	6.05e-003	-2.20e-003	-1.65e-005	9.72e-004
384	0.47	1.67	3.06e-003	-3.36e-004	-1.08e-005	1.03e-003
385	0.47	1.70	2.91e-003	-6.25e-004	8.61e-006	1.06e-003
386	0.47	1.74	2.68e-003	-9.49e-004	4.63e-006	1.07e-003
387	0.47	1.77	2.43e-003	-1.26e-003	5.09e-006	1.06e-003
388	0.47	1.81	2.17e-003	-1.53e-003	5.10e-006	1.05e-003
389	0.47	1.85	1.91e-003	-1.76e-003	5.24e-006	1.04e-003
390	0.47	1.88	1.66e-003	-1.95e-003	4.98e-006	1.03e-003
391	0.47	1.92	1.40e-003	-2.09e-003	7.44e-006	1.02e-003
392	0.47	1.95	1.28e-003	-2.19e-003	1.30e-005	1.01e-003
393	0.47	1.99	8.20e-004	-2.25e-003	7.87e-006	1.00e-003
394	0.47	1.68	3.14e-003	-2.79e-004	8.39e-006	1.12e-003
395	0.47	1.72	2.91e-003	-6.14e-004	6.81e-006	1.18e-003
396	0.47	1.77	2.68e-003	-9.48e-004	4.85e-006	1.19e-003
397	0.47	1.82	2.43e-003	-1.26e-003	5.03e-006	1.17e-003
398	0.47	1.86	2.17e-003	-1.53e-003	5.19e-006	1.15e-003
399	0.47	1.91	1.91e-003	-1.76e-003	5.26e-006	1.13e-003
400	0.47	1.95	1.66e-003	-1.95e-003	5.08e-006	1.10e-003
401	0.47	1.99	1.39e-003	-2.10e-003	5.44e-006	1.08e-003
402	0.47	2.03	1.15e-003	-2.20e-003	5.30e-006	1.05e-003
403	0.47	2.06	8.25e-004	-2.28e-003	3.34e-006	1.03e-003
404	0.47	1.69	3.14e-003	-2.56e-004	7.18e-006	1.24e-003
405	0.47	1.74	2.90e-003	-6.09e-004	5.09e-006	1.33e-003
406	0.47	1.80	2.68e-003	-9.48e-004	5.11e-006	1.33e-003
407	0.47	1.86	2.43e-003	-1.26e-003	5.41e-006	1.30e-003
408	0.47	1.91	2.17e-003	-1.53e-003	5.84e-006	1.26e-003
409	0.47	1.96	1.91e-003	-1.76e-003	5.88e-006	1.22e-003
410	0.47	2.01	1.65e-003	-1.95e-003	5.67e-006	1.18e-003

411	0.47	2.06	1.40e-003	-2.10e-003	5.19e-006	1.14e-003
412	0.47	2.10	1.12e-003	-2.21e-003	5.40e-006	1.10e-003
413	0.47	2.14	8.29e-004	-2.29e-003	3.25e-006	1.06e-003
414	0.47	2.03	6.16e-004	-2.37e-003	1.69e-005	1.04e-003
415	0.47	2.07	8.55e-004	-2.51e-003	-3.07e-006	1.04e-003
416	0.47	2.12	1.26e-003	-2.62e-003	-8.59e-006	1.02e-003
417	0.47	2.16	1.90e-003	-2.67e-003	-9.79e-006	1.01e-003
418	0.47	2.20	2.66e-003	-2.67e-003	-1.20e-005	9.95e-004
419	0.47	2.24	3.50e-003	-2.61e-003	-1.26e-005	9.80e-004
420	0.47	2.28	4.38e-003	-2.49e-003	-1.41e-005	9.67e-004
421	0.47	2.32	5.21e-003	-2.33e-003	-1.35e-005	9.61e-004
422	0.47	2.36	6.17e-003	-2.16e-003	-2.28e-005	9.66e-004
423	0.47	2.40	6.70e-003	-2.03e-003	-1.85e-005	9.52e-004
424	0.47	2.11	6.75e-004	-2.38e-003	2.12e-006	1.10e-003
425	0.47	2.16	8.69e-004	-2.52e-003	-3.63e-006	1.10e-003
426	0.47	2.20	1.27e-003	-2.62e-003	-8.39e-006	1.08e-003
427	0.47	2.25	1.90e-003	-2.67e-003	-1.02e-005	1.05e-003
428	0.47	2.29	2.66e-003	-2.67e-003	-1.21e-005	1.02e-003
429	0.47	2.33	3.50e-003	-2.61e-003	-1.29e-005	9.92e-004
430	0.47	2.36	4.38e-003	-2.49e-003	-1.40e-005	9.69e-004
431	0.47	2.39	5.20e-003	-2.32e-003	-1.42e-005	9.52e-004
432	0.47	2.43	6.08e-003	-2.09e-003	-1.60e-005	9.43e-004
433	0.47	2.47	6.82e-003	-1.87e-003	-1.98e-005	9.36e-004
434	0.47	2.19	7.15e-004	-2.39e-003	2.16e-006	1.16e-003
435	0.47	2.24	8.67e-004	-2.52e-003	-6.63e-006	1.16e-003
436	0.47	2.29	1.28e-003	-2.62e-003	-9.23e-006	1.13e-003
437	0.47	2.33	1.91e-003	-2.67e-003	-1.16e-005	1.08e-003
438	0.47	2.37	2.67e-003	-2.67e-003	-1.34e-005	1.04e-003
439	0.47	2.41	3.50e-003	-2.61e-003	-1.41e-005	1.01e-003
440	0.47	2.44	4.37e-003	-2.49e-003	-1.46e-005	9.76e-004
441	0.47	2.47	5.21e-003	-2.31e-003	-1.50e-005	-9.50e-004
442	0.47	2.50	6.02e-003	-2.05e-003	-1.55e-005	-9.22e-004
443	0.47	2.53	6.95e-003	-1.67e-003	-3.45e-005	9.23e-004
444	0.47	2.37	7.56e-003	-1.99e-003	-2.08e-005	9.72e-004
445	0.47	2.45	9.87e-003	-1.74e-003	-2.22e-005	9.72e-004
446	0.47	2.54	1.24e-002	-1.45e-003	-2.23e-005	9.72e-004
447	0.47	2.62	1.49e-002	-1.04e-003	-2.07e-005	9.72e-004
448	0.47	2.71	1.70e-002	-6.79e-004	-1.83e-005	9.72e-004
449	0.47	2.86	1.83e-002	-5.36e-004	-1.21e-005	1.36e-003
450	0.47	2.93	1.89e-002	-8.39e-004	-1.37e-005	1.44e-003
451	0.47	3.00	1.96e-002	-1.11e-003	-1.37e-005	1.43e-003
452	0.47	3.07	2.03e-002	-1.35e-003	-1.46e-005	1.38e-003
453	0.47	3.14	2.09e-002	-1.56e-003	-1.52e-005	1.32e-003
454	0.47	2.80	1.83e-002	-7.14e-004	-1.57e-005	9.72e-004
455	0.47	2.84	1.90e-002	-8.87e-004	-1.30e-005	9.72e-004
456	0.47	3.20	2.16e-002	-1.74e-003	-1.53e-005	1.25e-003
457	0.47	3.26	2.22e-002	-1.87e-003	-1.48e-005	1.19e-003
458	0.47	3.31	2.28e-002	-1.97e-003	-1.37e-005	1.11e-003
459	0.47	3.37	2.33e-002	-2.02e-003	-1.21e-005	1.04e-003
460	0.47	2.93	2.03e-002	-1.36e-003	-1.30e-005	9.72e-004
461	0.47	2.98	2.09e-002	-1.57e-003	-1.39e-005	9.72e-004
462	0.47	3.07	2.22e-002	-1.87e-003	-1.32e-005	9.72e-004
463	0.47	3.11	2.28e-002	-1.97e-003	-1.22e-005	9.72e-004
464	0.47	3.41	2.38e-002	-2.04e-003	-1.05e-005	9.72e-004
465	0.47	3.46	2.41e-002	-2.02e-003	-9.71e-006	9.04e-004
466	0.47	3.50	2.44e-002	-1.95e-003	-1.13e-005	8.43e-004
467	0.47	3.53	2.46e-002	-1.85e-003	-1.55e-005	7.98e-004
468	0.47	3.20	2.38e-002	-2.04e-003	-9.92e-006	9.72e-004
469	0.47	3.25	2.42e-002	-2.02e-003	-1.04e-005	9.72e-004
470	0.47	3.34	2.46e-002	-1.86e-003	-2.21e-005	9.72e-004
471	0.47	3.39	2.47e-002	-1.76e-003	-1.68e-005	9.72e-004
472	0.47	3.57	2.46e-002	-1.71e-003	-2.04e-005	7.99e-004
473	0.47	3.61	2.46e-002	-1.41e-003	-4.25e-005	9.98e-004
474	0.47	2.44	7.48e-003	-1.94e-003	-2.76e-005	9.28e-004
475	0.47	2.47	8.69e-003	-1.84e-003	-1.98e-005	9.35e-004

476	0.47	2.51	9.88e-003	-1.74e-003	-2.21e-005	9.32e-004
477	0.47	2.55	1.12e-002	-1.61e-003	-2.21e-005	9.21e-004
478	0.90	1.62	1.68e-002	8.21e-005	-6.63e-005	1.14e-003
479	0.90	2.02	2.22e-003	-2.03e-003	-4.22e-005	9.08e-004
480	0.90	1.67	1.71e-002	2.62e-004	-6.13e-005	1.42e-003
481	0.89	2.76	6.41e-003	-4.43e-003	-4.86e-005	1.91e-003
482	0.89	3.19	9.52e-003	-4.35e-003	-9.39e-005	-1.43e-003
483	0.89	2.86	3.61e-002	1.58e-004	-9.11e-005	9.67e-004
484	0.87	3.62	4.15e-002	1.25e-004	-9.91e-005	1.11e-003
485	-0.62	1.65	-2.08e-002	8.37e-005	5.30e-005	1.06e-003
486	-0.62	2.17	-7.04e-003	-1.64e-003	-2.79e-005	1.13e-003
487	-0.62	2.58	-9.28e-003	-1.33e-003	8.19e-005	8.78e-004
488	0.48	2.69	7.91e-003	-4.42e-004	-5.48e-005	8.85e-004
489	0.48	2.88	1.87e-002	-4.04e-004	-3.41e-005	9.84e-004
490	0.48	3.80	2.56e-002	-7.55e-004	-5.03e-005	1.08e-003
491	0.45	3.81	-7.80e-002	-6.41e-004	6.53e-005	1.09e-003
492	0.45	2.88	-1.99e-002	-1.29e-004	5.44e-005	9.77e-004
493	-0.63	2.69	-9.74e-003	-5.67e-004	1.27e-004	8.57e-004
494	0.45	2.69	-2.46e-003	-2.99e-004	7.46e-005	9.24e-004
495	-0.63	2.88	-6.48e-002	-6.34e-004	1.11e-004	8.49e-004
496	0.90	2.01	1.77e-002	-1.18e-004	-9.11e-005	9.77e-004
497	0.90	1.86	5.23e-003	-2.76e-004	-5.40e-005	-1.15e-003
498	-1.64	2.03	-1.31e-002	-2.12e-004	8.96e-005	8.98e-004
499	-1.39	2.03	1.81e-003	-1.44e-004	4.81e-004	1.01e-003
500	-0.89	2.03	1.19e-002	-1.29e-004	2.19e-005	1.14e-003
501	-0.65	2.02	-8.31e-003	-1.18e-004	5.35e-004	9.49e-004
502	0.52	2.02	6.28e-003	-1.30e-004	6.36e-004	1.09e-003
503	0.54	2.02	1.25e-002	-1.24e-004	4.88e-004	1.09e-003
504	-1.64	1.74	-1.44e-002	-3.11e-004	6.27e-005	9.92e-004
505	-1.32	1.74	1.93e-003	-1.91e-004	8.73e-004	9.83e-004
506	-0.88	1.74	8.69e-003	-1.85e-004	6.12e-005	1.06e-003
507	-0.58	1.74	-1.07e-002	-1.85e-004	4.03e-004	9.79e-004
508	0.42	1.73	1.47e-002	-1.47e-004	1.51e-004	1.02e-003
509	-0.62	2.80	-6.45e-002	-3.25e-004	1.06e-004	8.91e-004
510	0.14	0.43	0.00	0.00	0.00	4.59e-004
511	0.24	0.87	0.00	0.00	0.00	5.73e-004
512	0.41	1.61	0.00	0.00	0.00	9.72e-004

SPOSTAMENTI NODALI "Dinamica SLVh X" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00

24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	1.13	3.53e-003	3.30e-003	-1.00e-004	2.56e-003	1.35e-004
42	1.13	8.43e-002	8.34e-003	-4.35e-004	5.91e-004	1.35e-004
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	1.13	3.53e-003	2.27e-003	-7.82e-005	3.07e-003	1.35e-004
47	1.14	3.53e-003	2.47e-003	-7.43e-005	3.11e-003	1.35e-004
48	1.15	3.53e-003	2.60e-003	-8.48e-005	2.65e-003	1.35e-004
49	1.13	8.43e-002	3.75e-003	-4.90e-004	7.91e-004	1.35e-004
50	1.14	8.43e-002	3.11e-003	-4.93e-004	7.46e-004	1.35e-004
51	1.15	8.43e-002	8.20e-003	-4.84e-004	6.15e-004	1.35e-004
52	1.13	0.16	-2.47e-002	-2.88e-004	1.84e-003	1.35e-004
53	1.13	0.16	-9.87e-003	-2.17e-004	1.90e-003	1.35e-004
54	1.14	0.16	-1.29e-002	-2.04e-004	2.28e-003	1.35e-004
55	1.15	0.16	-1.30e-002	-5.67e-004	2.00e-003	1.35e-004
56	1.15	0.27	-2.45e-002	-4.25e-004	3.13e-003	1.35e-004
57	1.14	0.27	-1.55e-002	-3.03e-004	4.13e-003	1.35e-004
58	1.13	0.27	-1.64e-002	-3.51e-004	3.07e-003	1.35e-004
59	2.41	-0.88	3.85e-002	1.60e-003	4.34e-003	2.70e-004
60	2.41	-0.79	3.05e-002	1.20e-003	1.95e-003	2.70e-004
61	2.41	-0.73	-5.20e-002	1.37e-003	3.82e-003	2.70e-004
62	2.45	-0.88	2.64e-003	8.49e-004	7.62e-003	2.70e-004
63	2.45	-0.79	1.98e-003	4.65e-004	6.61e-003	2.70e-004
64	2.45	-0.73	-5.94e-003	7.56e-004	7.51e-003	2.70e-004
65	2.49	-0.88	3.29e-002	9.45e-004	5.16e-003	2.70e-004
66	2.49	-0.79	2.15e-002	6.08e-004	2.76e-003	2.70e-004
67	2.49	-0.73	-5.60e-002	8.28e-004	4.60e-003	2.70e-004
68	2.54	-0.88	9.95e-003	8.46e-004	7.31e-003	2.70e-004
69	2.54	-0.79	8.35e-003	4.64e-004	6.37e-003	2.70e-004
70	2.54	-0.73	-5.74e-003	7.43e-004	7.21e-003	2.70e-004
71	2.57	-0.88	4.62e-002	-7.23e-004	2.70e-003	2.70e-004
72	2.57	-0.79	1.12e-002	9.08e-004	1.01e-003	2.70e-004
73	2.57	-0.73	-2.98e-002	7.40e-004	1.34e-003	2.70e-004
74	2.61	-0.88	4.32e-002	9.42e-004	2.53e-003	2.70e-004
75	2.61	-0.79	4.63e-003	2.14e-003	8.52e-004	2.70e-004
76	2.61	-0.73	-2.79e-002	8.16e-004	1.19e-003	2.70e-004
77	2.68	-0.88	4.68e-002	1.80e-003	2.56e-003	2.70e-004
78	2.68	-0.79	3.25e-003	2.36e-003	8.87e-004	2.70e-004
79	2.68	-0.73	-3.45e-002	1.45e-003	1.24e-003	2.70e-004
80	2.57	-0.60	-3.49e-003	1.90e-003	1.61e-003	2.70e-004
81	2.61	-0.60	-4.89e-003	1.78e-003	1.65e-003	2.70e-004
82	2.68	-0.60	-4.12e-003	1.93e-003	1.67e-003	2.70e-004
83	2.52	0.49	3.42e-002	-9.32e-004	3.11e-003	2.70e-004
84	2.52	0.42	-1.05e-002	-1.44e-003	6.75e-004	2.70e-004
85	2.52	0.39	1.91e-002	-1.27e-003	1.08e-003	2.70e-004
86	2.57	0.49	2.79e-003	-9.89e-004	1.75e-003	2.70e-004
87	2.61	0.49	2.80e-003	-9.21e-004	1.69e-003	2.70e-004
88	2.68	0.49	5.87e-003	-9.36e-004	1.77e-003	2.70e-004

89	2.57	0.42	-9.23e-004	-1.51e-003	1.10e-003	2.70e-004
90	2.61	0.42	7.37e-004	-1.44e-003	1.10e-003	2.70e-004
91	2.68	0.42	-5.41e-003	-1.40e-003	9.46e-004	2.70e-004
92	2.57	0.39	8.67e-003	-1.23e-003	1.42e-003	2.70e-004
93	2.61	0.39	6.34e-003	-1.19e-003	1.44e-003	2.70e-004
94	2.68	0.39	1.83e-002	-1.30e-003	1.05e-003	2.70e-004
95	2.52	0.43	-4.29e-002	-7.18e-004	2.01e-003	2.70e-004
96	2.57	0.43	-1.52e-002	-5.04e-004	1.32e-003	2.70e-004
97	2.61	0.43	-1.75e-002	-4.06e-004	1.25e-003	2.70e-004
98	2.68	0.43	-2.13e-002	-1.16e-003	2.20e-003	2.70e-004
99	2.67	0.55	-4.73e-002	8.07e-004	2.21e-003	2.70e-004
100	2.61	0.55	-3.22e-002	-4.26e-004	2.51e-003	2.70e-004
101	2.57	0.55	-2.77e-002	-6.36e-004	2.35e-003	2.70e-004
102	0.15	8.05e-004	1.09e-003	-2.41e-006	2.65e-003	3.34e-004
103	0.46	1.43e-003	1.74e-003	-1.04e-005	3.64e-003	1.33e-004
104	0.82	1.82e-003	2.32e-003	2.65e-006	3.70e-003	-1.68e-004
105	0.15	1.03e-003	7.40e-004	-5.95e-006	2.55e-003	-6.22e-005
106	0.45	1.77e-003	1.19e-003	-8.68e-006	3.50e-003	-8.47e-005
107	0.80	2.29e-003	1.60e-003	-1.81e-006	3.73e-003	9.93e-005
108	0.15	1.09e-003	6.77e-004	-6.04e-006	2.58e-003	5.61e-005
109	0.45	1.83e-003	1.12e-003	-9.07e-006	3.52e-003	1.07e-004
110	0.80	2.29e-003	1.59e-003	1.64e-006	3.75e-003	1.13e-004
111	0.15	-1.02e-003	7.61e-004	7.48e-006	2.71e-003	-3.43e-004
112	0.47	-1.79e-003	1.27e-003	-1.07e-005	3.70e-003	-1.76e-004
113	0.83	2.02e-003	1.77e-003	-4.97e-006	3.75e-003	1.29e-004
114	1.13	3.53e-003	1.63e-003	-7.05e-006	3.52e-003	1.35e-004
115	1.13	3.53e-003	1.44e-003	-1.81e-005	3.53e-003	1.35e-004
116	1.13	3.53e-003	1.57e-003	2.97e-006	3.37e-003	1.35e-004
117	1.14	3.53e-003	1.75e-003	-9.01e-006	3.53e-003	1.35e-004
118	1.14	3.53e-003	1.43e-003	-1.81e-005	3.60e-003	1.35e-004
119	1.13	3.53e-003	1.43e-003	4.93e-006	3.52e-003	1.35e-004
120	1.14	3.53e-003	1.21e-003	-1.23e-006	3.45e-003	1.35e-004
121	1.14	3.53e-003	1.09e-003	-1.28e-005	3.55e-003	1.35e-004
122	1.14	3.53e-003	1.19e-003	9.18e-007	3.57e-003	1.35e-004
123	-3.42e-002	9.06e-004	1.01e-003	3.50e-006	2.24e-003	2.47e-004
124	0.19	-1.11e-003	9.58e-004	4.04e-006	2.71e-003	-2.02e-004
125	0.48	1.80e-003	1.13e-003	-6.17e-006	3.35e-003	-1.05e-004
126	0.81	2.33e-003	1.19e-003	-5.67e-006	3.52e-003	1.41e-004
127	-4.98e-002	1.08e-003	1.12e-003	-1.30e-006	2.57e-003	3.20e-005
128	0.20	1.29e-003	1.13e-003	-2.34e-006	2.79e-003	5.60e-005
129	0.48	1.83e-003	1.10e-003	-4.28e-006	3.22e-003	8.62e-005
130	0.81	2.62e-003	1.09e-003	-9.67e-006	3.49e-003	1.11e-004
131	-3.96e-002	-9.63e-004	9.47e-004	-3.44e-006	2.18e-003	-2.28e-004
132	0.18	1.15e-003	9.09e-004	-4.62e-006	2.65e-003	2.34e-004
133	0.47	1.84e-003	1.07e-003	-5.65e-006	3.33e-003	1.94e-004
134	0.80	2.39e-003	1.20e-003	4.72e-006	3.58e-003	1.04e-004
135	-2.36e-002	5.10e-004	8.04e-004	8.83e-006	1.47e-003	2.59e-004
136	0.16	1.03e-003	8.85e-004	6.66e-006	2.56e-003	-1.67e-004
137	0.45	1.79e-003	1.16e-003	-5.03e-006	3.48e-003	5.62e-005
138	0.79	2.28e-003	1.60e-003	-9.08e-006	3.75e-003	1.48e-004
139	-3.53e-002	7.73e-004	9.74e-004	-3.55e-006	1.74e-003	-5.12e-006
140	0.16	1.04e-003	1.04e-003	-3.18e-006	2.52e-003	1.71e-005
141	0.45	1.77e-003	1.17e-003	-4.25e-006	3.41e-003	5.49e-005
142	0.79	2.53e-003	1.35e-003	-9.54e-006	3.71e-003	9.80e-005
143	-2.35e-002	-7.25e-004	7.32e-004	-6.54e-006	1.48e-003	-2.61e-004
144	0.16	9.57e-004	8.19e-004	-4.26e-006	2.56e-003	1.60e-004
145	0.45	1.75e-003	1.17e-003	-4.98e-006	3.47e-003	5.67e-005
146	0.79	2.22e-003	1.39e-003	6.26e-006	3.74e-003	-1.44e-004
147	-2.93e-002	4.64e-004	1.12e-003	7.80e-006	1.86e-003	2.41e-004
148	0.17	1.03e-003	1.11e-003	7.25e-006	2.58e-003	-2.64e-004
149	0.46	1.76e-003	1.29e-003	-6.08e-006	3.39e-003	-1.52e-004
150	0.80	2.29e-003	1.67e-003	-8.20e-006	3.63e-003	9.82e-005
151	-4.01e-002	-7.99e-004	1.33e-003	-2.51e-006	2.24e-003	-2.48e-005
152	0.19	1.02e-003	1.37e-003	-2.85e-006	2.65e-003	-5.27e-005
153	0.47	1.62e-003	1.38e-003	-4.52e-006	3.27e-003	-8.41e-005

154	0.80	2.47e-003	1.41e-003	-1.11e-005	3.54e-003	1.09e-004
155	-2.63e-002	-8.54e-004	1.15e-003	-4.37e-006	1.91e-003	-2.41e-004
156	0.18	8.10e-004	1.14e-003	-1.36e-006	2.63e-003	2.27e-004
157	0.47	1.47e-003	1.49e-003	-6.32e-006	3.40e-003	8.04e-005
158	0.81	1.99e-003	1.48e-003	5.04e-006	3.57e-003	-1.83e-004
159	4.33	-1.63	5.14e-002	-8.22e-004	1.98e-003	4.41e-004
160	4.33	-1.48	4.39e-002	-6.90e-004	1.37e-003	4.41e-004
161	4.33	-1.39	-7.23e-002	-3.47e-004	2.08e-003	4.41e-004
162	4.36	-1.63	4.77e-003	-4.97e-004	3.19e-003	4.41e-004
163	4.36	-1.48	3.39e-003	-5.37e-004	3.86e-003	4.41e-004
164	4.36	-1.39	-1.03e-002	1.79e-004	3.10e-003	4.41e-004
165	4.39	-1.63	4.65e-002	-5.16e-004	1.55e-003	4.41e-004
166	4.39	-1.48	3.11e-002	-4.89e-004	9.82e-004	4.41e-004
167	4.39	-1.39	-7.87e-002	-1.85e-004	1.48e-003	4.41e-004
168	4.43	-1.63	1.56e-002	-4.62e-004	3.88e-003	4.41e-004
169	4.43	-1.48	1.00e-002	-4.99e-004	3.63e-003	4.41e-004
170	4.43	-1.39	-9.15e-003	-9.54e-005	2.60e-003	4.41e-004
171	4.46	-1.63	6.14e-002	-4.20e-004	1.79e-003	4.41e-004
172	4.46	-1.48	1.53e-002	-5.76e-004	4.88e-004	4.41e-004
173	4.46	-1.39	-3.76e-002	3.41e-004	5.96e-004	4.41e-004
174	4.50	-1.63	5.87e-002	-5.02e-004	1.51e-003	4.41e-004
175	4.50	-1.48	-1.15e-002	-7.10e-004	6.03e-004	4.41e-004
176	4.50	-1.39	-3.51e-002	-4.20e-004	1.10e-003	4.41e-004
177	4.57	-1.63	6.66e-002	-8.78e-004	1.24e-003	4.41e-004
178	4.57	-1.48	4.75e-003	-1.11e-003	5.97e-004	4.41e-004
179	4.57	-1.39	-4.63e-002	-8.40e-004	6.79e-004	4.41e-004
180	4.46	1.20	-4.99e-003	-1.08e-003	6.48e-004	4.41e-004
181	4.50	1.20	-8.42e-003	-1.79e-003	9.95e-004	4.41e-004
182	4.57	1.20	-6.65e-003	-1.49e-003	8.19e-004	4.41e-004
183	4.42	1.02	4.75e-002	5.79e-004	1.25e-003	4.41e-004
184	4.42	0.90	-1.24e-002	1.25e-003	7.75e-004	4.41e-004
185	4.42	0.84	2.35e-002	1.13e-003	7.40e-004	4.41e-004
186	4.46	1.02	6.27e-003	4.18e-004	6.67e-004	4.41e-004
187	4.50	1.02	2.33e-003	-2.98e-004	1.04e-003	4.41e-004
188	4.57	1.02	7.49e-003	7.59e-004	8.26e-004	4.41e-004
189	4.46	0.90	-1.29e-003	1.13e-003	6.58e-004	4.41e-004
190	4.50	0.90	1.84e-003	1.60e-003	1.07e-003	4.41e-004
191	4.57	0.90	-6.68e-003	1.56e-003	8.55e-004	4.41e-004
192	4.46	0.84	1.22e-002	1.11e-003	7.90e-004	4.41e-004
193	4.50	0.84	7.91e-003	1.25e-003	1.11e-003	4.41e-004
194	4.57	0.84	2.22e-002	1.59e-003	7.55e-004	4.41e-004
195	4.42	0.85	-5.02e-002	3.51e-004	1.37e-003	4.41e-004
196	4.46	0.85	-1.69e-002	2.76e-004	8.00e-004	4.41e-004
197	4.50	0.85	-2.05e-002	3.55e-004	1.16e-003	4.41e-004
198	4.57	0.85	-2.56e-002	7.99e-004	1.58e-003	4.41e-004
199	4.56	0.99	-5.88e-002	7.77e-004	1.66e-003	4.41e-004
200	4.50	0.99	-4.41e-002	6.44e-004	1.45e-003	4.41e-004
201	4.46	0.99	-3.19e-002	7.65e-004	1.68e-003	4.41e-004
202	4.50	-1.46	-1.98e-002	-4.28e-004	1.32e-004	4.41e-004
203	4.50	-1.45	-2.46e-002	-3.28e-004	1.26e-004	4.41e-004
204	4.50	-1.43	-2.86e-002	-2.83e-004	1.43e-004	4.41e-004
205	4.50	-1.41	-3.08e-002	-2.82e-004	3.38e-005	4.41e-004
206	4.50	-1.35	-3.97e-002	-6.19e-004	5.64e-005	4.41e-004
207	4.50	-1.31	-3.35e-002	-1.18e-003	-5.02e-005	4.41e-004
208	4.50	-1.27	-2.28e-002	-1.58e-003	-6.78e-005	4.41e-004
209	4.50	-1.24	-1.27e-002	-1.79e-003	1.50e-005	4.41e-004
210	4.50	1.16	-7.90e-003	-1.85e-003	2.43e-005	4.41e-004
211	4.50	1.12	-2.06e-003	-1.68e-003	-3.42e-005	4.41e-004
212	4.50	1.08	5.20e-003	-1.28e-003	-2.06e-005	4.41e-004
213	4.50	1.05	7.79e-003	-6.75e-004	6.39e-005	4.41e-004
214	4.50	0.99	-5.16e-003	-4.43e-004	7.65e-005	4.41e-004
215	4.50	0.96	-3.87e-003	-9.14e-004	-4.44e-006	4.41e-004
216	4.50	0.94	1.59e-003	1.29e-003	-1.12e-005	4.41e-004
217	4.50	0.92	3.77e-003	1.53e-003	5.70e-005	4.41e-004
218	4.50	0.88	1.48e-003	1.77e-003	3.26e-005	4.41e-004

219	4.50	0.87	8.15e-003	1.82e-003	-3.67e-005	4.41e-004
220	4.50	0.85	1.57e-002	1.70e-003	-1.90e-005	4.41e-004
221	4.50	0.84	1.80e-002	1.42e-003	8.23e-005	4.41e-004
222	4.50	0.84	-3.67e-003	1.09e-003	1.16e-004	4.41e-004
223	4.50	0.84	-5.80e-003	9.24e-004	3.67e-005	4.41e-004
224	4.50	0.84	-6.38e-003	7.02e-004	4.02e-005	4.41e-004
225	4.50	0.85	-9.22e-003	4.33e-004	1.28e-004	4.41e-004
226	4.50	0.87	-3.08e-002	4.72e-004	-1.09e-005	4.41e-004
227	4.50	0.89	-2.11e-002	7.69e-004	-5.59e-005	4.41e-004
228	4.50	0.92	-1.04e-002	9.14e-004	-2.01e-005	4.41e-004
229	4.50	0.95	-1.17e-002	8.88e-004	9.59e-005	4.41e-004
230	4.50	0.86	-6.05e-003	8.21e-004	2.18e-005	4.69e-004
231	4.50	0.86	-6.38e-003	7.01e-004	3.72e-005	4.72e-004
232	4.50	0.86	-7.10e-003	5.68e-004	3.54e-005	4.73e-004
233	4.50	0.86	-9.27e-003	4.28e-004	1.17e-004	4.72e-004
234	4.50	0.86	-1.11e-002	3.02e-004	-5.07e-005	4.65e-004
235	4.51	0.86	-2.06e-002	2.33e-004	1.81e-004	4.58e-004
236	4.51	0.91	2.39e-003	1.09e-003	6.71e-005	4.77e-004
237	4.50	0.90	-3.54e-003	1.06e-003	8.27e-005	4.81e-004
238	4.50	0.90	-5.23e-003	1.00e-003	3.10e-005	4.88e-004
239	4.50	0.89	-5.79e-003	9.22e-004	2.80e-005	4.96e-004
240	4.50	0.89	-6.05e-003	8.20e-004	1.97e-005	5.05e-004
241	4.50	0.88	-6.39e-003	7.01e-004	3.14e-005	5.13e-004
242	4.50	0.88	-7.17e-003	5.65e-004	3.71e-005	5.19e-004
243	4.51	0.87	-9.38e-003	4.18e-004	9.49e-005	5.19e-004
244	4.51	0.87	-1.22e-002	2.64e-004	7.71e-005	5.03e-004
245	4.51	0.87	-2.08e-002	1.56e-004	1.74e-004	4.74e-004
246	4.51	0.94	2.60e-003	1.06e-003	6.42e-005	4.80e-004
247	4.51	0.93	-3.60e-003	1.05e-003	4.45e-005	4.97e-004
248	4.50	0.93	-5.15e-003	1.00e-003	1.83e-005	5.14e-004
249	4.50	0.92	-5.76e-003	9.21e-004	9.29e-006	5.31e-004
250	4.50	0.91	-6.05e-003	8.20e-004	7.64e-006	5.48e-004
251	4.50	0.90	-6.43e-003	7.00e-004	1.17e-005	5.64e-004
252	4.51	0.89	-7.26e-003	5.65e-004	2.41e-005	5.77e-004
253	4.51	0.88	-9.30e-003	4.14e-004	5.47e-005	5.79e-004
254	4.51	0.88	-1.31e-002	2.50e-004	7.50e-005	5.55e-004
255	4.52	0.87	-2.10e-002	-1.14e-004	4.56e-004	4.90e-004
256	4.50	0.87	-2.99e-002	2.61e-004	-6.29e-005	4.63e-004
257	4.50	0.88	-3.05e-002	3.56e-004	8.71e-005	4.67e-004
258	4.50	0.89	-3.08e-002	4.71e-004	-1.09e-005	4.67e-004
259	4.50	0.90	-2.86e-002	5.84e-004	-2.32e-005	4.64e-004
260	4.50	0.91	-2.53e-002	6.84e-004	-5.07e-005	4.61e-004
261	4.50	0.92	-2.11e-002	7.69e-004	-5.83e-005	4.57e-004
262	4.50	0.93	-1.69e-002	8.36e-004	-5.80e-005	4.53e-004
263	4.50	0.94	-1.31e-002	8.84e-004	-4.60e-005	4.49e-004
264	4.50	0.95	-1.04e-002	9.14e-004	-2.25e-005	4.45e-004
265	4.50	0.96	-9.14e-003	9.24e-004	1.07e-005	4.42e-004
266	4.51	-1.50	-1.15e-002	-4.14e-004	2.38e-004	4.75e-004
267	4.51	-1.48	-2.03e-002	-3.62e-004	9.26e-005	5.05e-004
268	4.50	-1.46	-2.46e-002	-3.07e-004	1.23e-004	4.77e-004
269	4.50	-1.44	-2.86e-002	-2.67e-004	1.30e-004	4.60e-004
270	4.50	-1.42	-2.95e-002	-2.41e-004	-7.82e-005	4.36e-004
271	4.51	-1.40	-3.55e-002	-2.24e-004	1.32e-004	4.36e-004
272	4.51	-1.51	-1.15e-002	-2.19e-004	2.22e-004	4.89e-004
273	4.51	-1.49	-1.99e-002	-2.51e-004	1.37e-004	5.05e-004
274	4.51	-1.47	-2.45e-002	-2.67e-004	1.15e-004	4.93e-004
275	4.51	-1.44	-2.86e-002	-2.38e-004	1.00e-004	4.85e-004
276	4.51	-1.42	-3.11e-002	-1.74e-004	7.80e-005	4.67e-004
277	4.51	-1.40	-3.57e-002	-1.05e-004	7.67e-005	4.38e-004
278	4.52	-1.52	-1.16e-002	-9.56e-005	2.94e-004	4.95e-004
279	4.52	-1.50	-1.95e-002	-2.05e-004	1.15e-004	4.74e-004
280	4.51	-1.47	-2.45e-002	-2.47e-004	8.24e-005	4.94e-004
281	4.51	-1.45	-2.84e-002	-2.23e-004	5.79e-005	5.13e-004
282	4.51	-1.43	-3.17e-002	-1.48e-004	5.66e-005	5.13e-004
283	4.51	-1.40	-3.58e-002	-5.60e-005	1.13e-004	4.64e-004

284	4.50	-1.37	-4.01e-002	-3.83e-004	8.75e-006	4.41e-004
285	4.50	0.97	-9.49e-003	9.16e-004	6.20e-005	4.38e-004
286	4.50	0.98	-1.18e-002	8.88e-004	9.75e-005	4.35e-004
287	4.50	-1.33	-3.77e-002	-9.06e-004	-4.63e-005	4.41e-004
288	4.50	-1.29	-2.84e-002	-1.40e-003	-7.39e-005	4.41e-004
289	4.51	0.99	-1.78e-002	8.43e-004	2.24e-004	4.35e-004
290	4.51	9.99e-001	-2.54e-002	7.84e-004	8.19e-005	4.40e-004
291	4.50	-1.25	-1.71e-002	-1.71e-003	-8.11e-005	4.41e-004
292	4.50	-1.22	-8.81e-003	-1.81e-003	-6.71e-005	4.41e-004
293	4.52	1.01	-4.31e-002	7.18e-004	3.98e-004	4.64e-004
294	4.50	1.18	-9.73e-003	-1.85e-003	-2.01e-005	4.41e-004
295	4.51	0.88	-2.88e-002	2.22e-004	5.67e-005	4.91e-004
296	4.50	0.89	-3.04e-002	3.46e-004	6.32e-005	5.03e-004
297	4.50	1.14	-5.45e-003	-1.80e-003	-4.72e-005	4.41e-004
298	4.50	1.10	2.25e-003	-1.51e-003	-3.92e-005	4.41e-004
299	4.50	0.90	-3.07e-002	4.69e-004	-9.76e-006	5.03e-004
300	4.50	0.91	-2.86e-002	5.83e-004	-2.93e-005	4.96e-004
301	4.50	1.07	7.48e-003	-9.93e-004	-1.94e-005	4.41e-004
302	4.50	1.03	6.54e-003	-3.78e-004	3.78e-005	4.41e-004
303	4.50	0.93	-2.53e-002	6.84e-004	-5.40e-005	4.87e-004
304	4.50	-1.38	-4.14e-002	-3.44e-004	-1.11e-004	3.59e-004
305	4.50	-1.37	-3.96e-002	-6.12e-004	4.41e-005	3.28e-004
306	4.50	-1.36	-3.76e-002	-9.06e-004	-4.45e-005	3.29e-004
307	4.50	-1.35	-3.35e-002	-1.18e-003	-5.36e-005	3.42e-004
308	4.50	-1.34	-2.84e-002	-1.40e-003	-7.58e-005	3.60e-004
309	4.50	-1.33	-2.28e-002	-1.58e-003	-7.12e-005	3.80e-004
310	4.50	1.31	-1.72e-002	-1.71e-003	-7.91e-005	4.02e-004
311	4.50	1.30	-1.27e-002	-1.79e-003	-1.78e-005	4.25e-004
312	4.50	1.28	-7.47e-003	-1.82e-003	-1.83e-004	4.44e-004
313	4.51	1.26	-8.75e-003	-1.83e-003	4.27e-005	4.39e-004
314	4.50	-1.39	-3.98e-002	-2.87e-004	3.97e-005	2.84e-004
315	4.50	-1.39	-3.94e-002	-6.00e-004	1.69e-005	2.87e-004
316	4.50	-1.39	-3.75e-002	-9.05e-004	-4.24e-005	2.92e-004
317	4.50	1.39	-3.35e-002	-1.18e-003	-5.96e-005	2.97e-004
318	4.50	1.39	-2.83e-002	-1.40e-003	-7.76e-005	3.12e-004
319	4.50	1.38	-2.27e-002	-1.58e-003	-7.73e-005	3.37e-004
320	4.50	1.37	-1.72e-002	-1.71e-003	-7.70e-005	3.71e-004
321	4.50	1.36	-1.28e-002	-1.79e-003	-4.09e-005	4.08e-004
322	4.50	1.34	-9.18e-003	-1.83e-003	-2.76e-005	4.40e-004
323	4.50	1.33	-8.94e-003	-1.85e-003	-1.25e-005	4.37e-004
324	4.51	-1.40	-3.90e-002	-2.66e-004	3.02e-005	2.96e-004
325	4.50	-1.41	-3.95e-002	-5.94e-004	-2.37e-005	3.64e-004
326	4.50	1.42	-3.74e-002	-9.05e-004	-5.52e-005	3.57e-004
327	4.49	1.43	-3.34e-002	-1.18e-003	-8.18e-005	3.30e-004
328	4.49	1.44	-2.83e-002	-1.40e-003	-9.80e-005	3.12e-004
329	4.49	1.44	-2.28e-002	-1.58e-003	-9.94e-005	3.18e-004
330	4.49	1.43	-1.73e-002	-1.71e-003	-8.99e-005	3.48e-004
331	4.50	1.42	-1.28e-002	-1.80e-003	-7.61e-005	3.93e-004
332	4.50	1.41	-9.80e-003	-1.84e-003	-4.08e-005	4.33e-004
333	4.50	1.39	-8.98e-003	-1.85e-003	-1.50e-005	4.35e-004
334	4.50	1.24	-1.17e-002	-1.85e-003	-1.70e-004	4.32e-004
335	4.50	1.22	-7.98e-003	-1.85e-003	1.16e-005	4.53e-004
336	4.50	1.20	-5.42e-003	-1.80e-003	-4.46e-005	4.78e-004
337	4.50	1.18	-2.06e-003	-1.68e-003	-3.67e-005	5.05e-004
338	4.50	1.15	2.24e-003	-1.51e-003	-4.07e-005	5.31e-004
339	4.50	1.13	5.19e-003	-1.28e-003	-2.30e-005	5.56e-004
340	4.50	1.10	7.44e-003	-9.93e-004	-1.72e-005	5.77e-004
341	4.50	1.07	7.85e-003	-6.73e-004	5.16e-005	5.84e-004
342	4.50	1.05	8.40e-003	-3.59e-004	-1.11e-004	5.54e-004
343	4.51	1.02	2.46e-003	1.68e-004	1.11e-004	4.68e-004
344	4.50	1.31	-1.00e-002	-1.86e-003	7.24e-006	4.30e-004
345	4.50	1.29	-7.79e-003	-1.86e-003	-7.16e-006	4.67e-004
346	4.50	1.26	-5.39e-003	-1.80e-003	-4.24e-005	5.17e-004
347	4.50	1.24	-2.07e-003	-1.68e-003	-4.07e-005	5.72e-004
348	4.50	1.20	2.23e-003	-1.51e-003	-4.14e-005	6.28e-004

349	4.50	1.17	5.17e-003	-1.28e-003	-2.69e-005	-6.81e-004
350	4.50	1.13	7.39e-003	-9.93e-004	-1.52e-005	-7.26e-004
351	4.50	1.09	7.65e-003	-6.69e-004	3.82e-005	-7.47e-004
352	4.50	1.06	6.93e-003	-3.28e-004	5.22e-005	6.99e-004
353	4.51	1.03	2.56e-003	7.17e-005	7.45e-005	4.97e-004
354	4.50	1.37	-9.35e-003	-1.87e-003	-1.32e-005	4.32e-004
355	4.50	1.35	-7.97e-003	-1.86e-003	-4.30e-005	4.84e-004
356	4.50	1.32	-5.36e-003	-1.80e-003	-4.91e-005	5.59e-004
357	4.50	1.29	-2.05e-003	-1.68e-003	-5.39e-005	6.43e-004
358	4.50	1.26	2.22e-003	-1.51e-003	-5.40e-005	-7.29e-004
359	4.50	1.21	5.12e-003	-1.28e-003	-4.00e-005	-8.11e-004
360	4.50	1.17	7.31e-003	-9.94e-004	-2.24e-005	-8.81e-004
361	4.50	1.12	7.78e-003	-6.66e-004	-3.63e-006	-9.17e-004
362	4.51	1.07	6.21e-003	-3.14e-004	4.26e-005	8.52e-004
363	4.51	1.03	2.63e-003	7.10e-006	1.17e-004	5.32e-004
364	4.50	1.00	-4.44e-003	-2.57e-004	9.37e-006	4.41e-004
365	4.50	0.94	-2.11e-002	7.68e-004	-6.24e-005	4.78e-004
366	4.50	0.95	-1.69e-002	8.35e-004	-6.19e-005	4.68e-004
367	4.50	0.98	-5.20e-003	-6.82e-004	-8.65e-006	4.41e-004
368	4.50	0.95	2.24e-003	1.12e-003	-2.06e-005	4.41e-004
369	4.50	0.96	-1.31e-002	8.83e-004	-4.99e-005	4.59e-004
370	4.50	0.97	-1.05e-002	9.13e-004	-2.66e-005	4.50e-004
371	4.50	0.93	2.95e-003	1.43e-003	-2.55e-005	4.41e-004
372	4.50	0.91	4.50e-003	1.58e-003	-2.78e-005	4.41e-004
373	4.50	0.99	-9.20e-003	9.23e-004	8.07e-006	4.42e-004
374	4.50	9.95e-001	-9.57e-003	9.15e-004	5.54e-005	4.36e-004
375	4.50	0.89	4.93e-004	1.69e-003	-1.95e-005	4.41e-004
376	4.50	0.87	4.12e-003	1.82e-003	-4.93e-005	4.41e-004
377	4.51	1.00	-1.20e-002	8.88e-004	9.97e-005	4.31e-004
378	4.51	1.01	-1.80e-002	8.42e-004	1.91e-004	4.32e-004
379	4.50	0.86	1.22e-002	1.78e-003	-4.23e-005	4.41e-004
380	4.50	0.85	1.81e-002	1.57e-003	-1.30e-005	4.41e-004
381	4.52	1.02	-2.70e-002	7.82e-004	2.08e-004	4.46e-004
382	4.52	1.03	-4.25e-002	7.10e-004	2.90e-004	4.95e-004
383	4.50	0.84	1.57e-002	1.28e-003	5.44e-005	4.41e-004
384	4.50	1.01	-5.61e-003	-2.28e-004	-9.62e-005	4.06e-004
385	4.50	1.00	-5.11e-003	-4.38e-004	6.53e-005	3.89e-004
386	4.50	9.99e-001	-5.17e-003	-6.82e-004	-6.53e-006	3.89e-004
387	4.50	0.99	-3.86e-003	-9.15e-004	-6.46e-006	3.94e-004
388	4.50	0.99	2.24e-003	1.12e-003	-2.16e-005	4.01e-004
389	4.50	0.98	1.59e-003	1.29e-003	-1.38e-005	4.09e-004
390	4.50	0.98	2.92e-003	1.43e-003	-2.25e-005	4.18e-004
391	4.50	0.97	3.73e-003	1.53e-003	4.41e-005	4.28e-004
392	4.50	0.96	5.83e-003	1.59e-003	-1.39e-004	4.37e-004
393	4.51	0.95	1.78e-003	1.63e-003	7.44e-005	4.38e-004
394	4.50	1.02	-4.19e-003	-1.88e-004	4.83e-005	3.81e-004
395	4.50	1.02	-5.00e-003	-4.32e-004	3.85e-005	3.88e-004
396	4.50	1.02	-5.10e-003	-6.83e-004	-4.27e-006	3.94e-004
397	4.50	1.02	-3.85e-003	-9.16e-004	-1.14e-005	3.94e-004
398	4.50	1.03	2.24e-003	1.12e-003	-2.27e-005	3.95e-004
399	4.50	1.03	1.59e-003	1.29e-003	-1.92e-005	4.00e-004
400	4.50	1.02	2.87e-003	1.43e-003	-1.91e-005	4.08e-004
401	4.50	1.02	3.61e-003	1.53e-003	1.40e-005	4.20e-004
402	4.50	1.01	3.98e-003	1.61e-003	2.28e-005	4.33e-004
403	4.50	1.01	1.73e-003	1.65e-003	1.89e-005	4.37e-004
404	4.51	1.02	-3.65e-003	-1.72e-004	4.23e-005	3.92e-004
405	4.50	1.03	-5.04e-003	-4.29e-004	9.41e-006	4.47e-004
406	4.50	1.04	-5.00e-003	-6.83e-004	-1.12e-005	4.54e-004
407	4.50	1.05	-3.81e-003	-9.17e-004	-2.78e-005	4.41e-004
408	4.50	1.06	2.22e-003	1.12e-003	-3.73e-005	4.25e-004
409	4.50	1.07	1.58e-003	1.29e-003	-3.59e-005	4.14e-004
410	4.50	1.07	2.78e-003	1.43e-003	-2.58e-005	4.12e-004
411	4.50	1.07	3.70e-003	1.54e-003	-1.62e-005	4.19e-004
412	4.50	1.07	3.39e-003	1.61e-003	1.53e-005	4.31e-004
413	4.50	1.06	1.74e-003	1.65e-003	1.59e-005	4.36e-004

414	4.50	0.95	-2.19e-003	1.70e-003	-1.63e-004	4.38e-004
415	4.50	0.94	1.44e-003	1.77e-003	1.90e-005	4.45e-004
416	4.50	0.93	4.15e-003	1.82e-003	-4.71e-005	4.54e-004
417	4.50	0.92	8.15e-003	1.82e-003	-4.01e-005	4.64e-004
418	4.50	0.91	1.22e-002	1.78e-003	-4.45e-005	4.74e-004
419	4.50	0.91	1.57e-002	1.70e-003	-2.22e-005	4.85e-004
420	4.50	0.90	1.81e-002	1.57e-003	-1.28e-005	4.94e-004
421	4.50	0.89	1.80e-002	1.42e-003	7.44e-005	4.97e-004
422	4.50	0.88	1.77e-002	1.26e-003	-8.09e-005	4.86e-004
423	4.51	0.88	8.12e-003	1.17e-003	1.61e-004	4.56e-004
424	4.50	1.00	5.15e-004	1.71e-003	1.14e-005	4.43e-004
425	4.50	0.99	1.61e-003	1.78e-003	-3.31e-006	4.55e-004
426	4.50	0.99	4.19e-003	1.82e-003	-4.50e-005	4.69e-004
427	4.50	0.98	8.14e-003	1.82e-003	-4.52e-005	4.87e-004
428	4.50	0.97	1.22e-002	1.78e-003	-4.59e-005	5.09e-004
429	4.50	0.96	1.56e-002	1.70e-003	-2.68e-005	5.33e-004
430	4.50	0.95	1.80e-002	1.57e-003	-1.16e-005	5.56e-004
431	4.50	0.93	1.78e-002	1.41e-003	5.88e-005	5.68e-004
432	4.51	0.92	1.65e-002	1.22e-003	5.17e-005	5.48e-004
433	4.51	0.91	8.23e-003	1.08e-003	1.50e-004	4.69e-004
434	4.50	1.06	5.03e-004	1.72e-003	-4.57e-006	4.53e-004
435	4.50	1.05	1.48e-003	1.78e-003	-4.42e-005	4.69e-004
436	4.50	1.05	4.26e-003	1.82e-003	-5.64e-005	4.86e-004
437	4.50	1.04	8.16e-003	1.82e-003	-6.47e-005	5.11e-004
438	4.50	1.03	1.21e-002	1.78e-003	-6.44e-005	5.45e-004
439	4.50	1.01	1.56e-002	1.70e-003	-4.59e-005	5.84e-004
440	4.50	0.99	1.79e-002	1.57e-003	-2.42e-005	6.23e-004
441	4.50	0.98	1.79e-002	1.40e-003	1.51e-005	6.48e-004
442	4.51	0.96	1.53e-002	1.20e-003	5.65e-005	6.24e-004
443	4.52	0.94	8.27e-003	9.63e-004	3.79e-004	-4.76e-004
444	4.50	0.84	2.40e-003	1.16e-003	4.55e-005	4.41e-004
445	4.50	0.84	-5.32e-003	1.01e-003	2.92e-005	4.41e-004
446	4.50	0.84	-6.05e-003	8.21e-004	2.35e-005	4.41e-004
447	4.50	0.84	-7.08e-003	5.69e-004	3.53e-005	4.41e-004
448	4.50	0.85	-1.25e-002	3.28e-004	5.43e-005	4.41e-004
449	4.51	0.88	-2.78e-002	2.07e-004	5.49e-005	5.25e-004
450	4.51	0.90	-3.04e-002	3.42e-004	2.37e-005	-5.50e-004
451	4.50	0.91	-3.05e-002	4.69e-004	-2.37e-005	-5.48e-004
452	4.50	0.93	-2.85e-002	5.83e-004	-5.19e-005	-5.36e-004
453	4.50	0.95	-2.52e-002	6.84e-004	-7.53e-005	5.20e-004
454	4.50	0.86	-2.85e-002	2.88e-004	3.45e-005	4.41e-004
455	4.50	0.86	-3.06e-002	3.62e-004	9.79e-005	4.41e-004
456	4.49	0.96	-2.11e-002	7.68e-004	-8.42e-005	5.03e-004
457	4.49	0.98	-1.69e-002	8.35e-004	-8.35e-005	4.86e-004
458	4.50	0.99	-1.32e-002	8.83e-004	-7.15e-005	4.70e-004
459	4.50	1.00	-1.05e-002	9.13e-004	-4.82e-005	4.55e-004
460	4.50	0.88	-2.86e-002	5.84e-004	-2.04e-005	4.41e-004
461	4.50	0.89	-2.53e-002	6.84e-004	-4.87e-005	4.41e-004
462	4.50	0.90	-1.69e-002	8.36e-004	-5.57e-005	4.41e-004
463	4.50	0.91	-1.31e-002	8.84e-004	-4.37e-005	4.41e-004
464	4.50	1.01	-9.31e-003	9.23e-004	-1.57e-005	4.43e-004
465	4.51	1.02	-9.70e-003	9.15e-004	3.27e-005	4.34e-004
466	4.51	1.03	-1.22e-002	8.88e-004	8.70e-005	4.29e-004
467	4.52	1.04	-1.81e-002	8.42e-004	1.57e-004	4.34e-004
468	4.50	0.93	-9.12e-003	9.24e-004	1.25e-005	4.41e-004
469	4.50	0.94	-9.47e-003	9.16e-004	6.52e-005	4.41e-004
470	4.50	0.96	-1.76e-002	8.43e-004	2.38e-004	4.41e-004
471	4.50	0.98	-2.65e-002	7.79e-004	1.78e-004	4.41e-004
472	4.53	1.05	-2.80e-002	7.73e-004	2.16e-004	4.58e-004
473	4.53	1.05	-4.28e-002	6.19e-004	5.06e-004	5.36e-004
474	4.50	0.87	2.60e-003	1.14e-003	-6.03e-005	4.62e-004
475	4.50	0.87	-3.62e-003	1.08e-003	1.06e-004	4.62e-004
476	4.50	0.87	-5.29e-003	1.01e-003	2.95e-005	4.63e-004
477	4.50	0.86	-5.80e-003	9.24e-004	3.38e-005	4.66e-004
478	4.95	-1.42	-4.81e-002	8.77e-005	2.97e-004	7.60e-004

479	4.96	-1.64	-7.27e-003	1.78e-003	2.25e-004	-3.55e-004
480	4.98	1.04	8.62e-003	1.77e-004	3.29e-004	7.01e-004
481	4.99	1.40	-6.74e-003	2.05e-003	2.60e-004	-6.54e-004
482	4.99	1.32	2.25e-002	1.97e-003	3.07e-004	9.15e-004
483	4.98	0.89	-2.74e-002	-8.78e-005	5.53e-004	7.17e-004
484	4.99	1.06	-6.09e-002	-3.89e-005	5.76e-004	6.94e-004
485	4.57	1.04	4.89e-002	7.22e-005	4.62e-004	-4.16e-004
486	4.57	1.08	-1.23e-002	1.16e-003	2.30e-004	4.21e-004
487	4.58	0.97	2.43e-002	7.75e-004	3.65e-004	5.66e-004
488	4.66	1.03	8.76e-003	-2.43e-004	6.36e-004	-4.92e-004
489	4.66	0.90	-2.15e-002	-1.59e-004	3.89e-004	-4.83e-004
490	4.66	1.13	-4.36e-002	3.16e-004	5.89e-004	-5.24e-004
491	4.81	1.13	-3.22e-002	2.70e-004	5.91e-004	-5.90e-004
492	4.80	0.90	-1.79e-002	-4.26e-005	4.03e-004	-4.65e-004
493	4.64	1.03	2.48e-002	3.24e-004	4.53e-004	6.45e-004
494	4.80	1.03	1.37e-002	-1.79e-004	6.83e-004	-4.51e-004
495	4.65	0.89	-5.04e-002	2.78e-004	3.60e-004	6.01e-004
496	4.94	-1.82	7.19e-002	3.99e-004	5.95e-004	4.73e-004
497	4.95	-1.67	4.70e-003	4.79e-004	3.08e-004	7.95e-004
498	4.42	-1.81	5.48e-002	3.65e-004	-1.90e-004	1.05e-003
499	5.02	-1.81	5.53e-003	2.07e-004	1.86e-003	-5.21e-004
500	4.47	-1.81	5.12e-002	2.27e-004	-1.77e-004	-7.61e-004
501	5.49	-1.81	1.70e-002	1.83e-004	4.81e-003	1.59e-003
502	5.53	-1.81	6.06e-002	1.47e-004	5.89e-003	-6.84e-004
503	5.37	-1.81	5.85e-002	2.37e-004	4.76e-003	1.11e-003
504	4.40	-1.53	4.65e-002	-2.50e-004	2.34e-004	5.62e-004
505	4.73	-1.53	3.63e-003	-1.53e-004	3.24e-003	-4.23e-004
506	4.45	-1.52	3.33e-002	-1.56e-004	3.04e-004	5.41e-004
507	4.78	-1.52	1.00e-002	-1.58e-004	3.06e-003	4.24e-004
508	4.57	-1.52	1.52e-002	-1.09e-004	1.26e-003	-6.04e-004
509	4.58	0.86	-5.03e-002	-1.23e-004	5.24e-004	4.74e-004
510	1.14	0.13	0.00	0.00	0.00	1.35e-004
511	2.58	0.49	0.00	0.00	0.00	2.70e-004
512	4.47	1.03	0.00	0.00	0.00	4.41e-004

SPOSTAMENTI NODALI "Dinamica SLVh Y" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00

27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	-0.51	2.15e-002	-1.74e-002	-6.43e-004	-9.05e-004	1.01e-003	1.01e-003
42	-0.51	0.64	-5.97e-003	-3.56e-003	1.60e-004	1.01e-003	1.01e-003
43	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46	-0.22	2.15e-002	-9.74e-004	-5.01e-004	-5.91e-004	1.01e-003	1.01e-003
47	0.33	2.15e-002	1.11e-003	-4.55e-004	8.43e-004	1.01e-003	1.01e-003
48	0.79	2.15e-002	1.81e-002	-5.76e-004	1.52e-003	1.01e-003	1.01e-003
49	-0.22	0.64	-1.33e-003	-3.94e-003	1.87e-004	1.01e-003	1.01e-003
50	0.33	0.64	4.70e-003	-3.96e-003	1.71e-004	1.01e-003	1.01e-003
51	0.79	0.64	6.88e-003	-3.78e-003	2.04e-004	1.01e-003	1.01e-003
52	-0.51	1.19	-5.99e-002	-2.43e-003	-5.05e-004	1.01e-003	1.01e-003
53	-0.22	1.19	-1.72e-002	-1.83e-003	-3.79e-004	1.01e-003	1.01e-003
54	0.33	1.19	1.22e-002	-1.72e-003	5.88e-004	1.01e-003	1.01e-003
55	0.77	1.19	3.74e-002	-4.73e-003	7.50e-004	1.01e-003	1.01e-003
56	0.75	2.00	4.43e-002	-3.37e-003	1.37e-003	1.01e-003	1.01e-003
57	0.33	2.00	2.90e-002	-2.47e-003	1.08e-003	1.01e-003	1.01e-003
58	-0.22	2.00	-8.73e-002	-2.83e-003	-6.20e-004	1.01e-003	1.01e-003
59	-2.02	2.15	-2.13e-002	-4.05e-003	-3.50e-003	1.27e-003	1.27e-003
60	-2.02	1.89	-2.34e-002	-2.95e-003	-1.54e-003	1.27e-003	1.27e-003
61	-2.02	1.75	-5.93e-002	-3.52e-003	-3.07e-003	1.27e-003	1.27e-003
62	-1.50	2.15	2.77e-003	-2.20e-003	-4.68e-003	1.27e-003	1.27e-003
63	-1.50	1.89	3.98e-003	-1.18e-003	-4.06e-003	1.27e-003	1.27e-003
64	-1.50	1.75	2.92e-003	-1.90e-003	-4.60e-003	1.27e-003	1.27e-003
65	-1.05	2.15	1.75e-002	-2.43e-003	-2.26e-003	1.27e-003	1.27e-003
66	-1.05	1.89	1.26e-002	-1.53e-003	-1.21e-003	1.27e-003	1.27e-003
67	-1.05	1.75	2.31e-002	-2.08e-003	-2.02e-003	1.27e-003	1.27e-003
68	-0.64	2.15	-1.37e-002	-2.23e-003	-1.99e-003	1.27e-003	1.27e-003
69	-0.64	1.89	-1.98e-002	-1.12e-003	-1.73e-003	1.27e-003	1.27e-003
70	-0.64	1.75	-1.76e-002	-1.88e-003	-1.97e-003	1.27e-003	1.27e-003
71	-0.53	2.15	1.03e-002	-1.94e-003	-5.26e-004	1.27e-003	1.27e-003
72	-0.53	1.89	2.96e-002	-2.29e-003	2.43e-004	1.27e-003	1.27e-003
73	-0.53	1.75	-1.44e-002	-1.85e-003	3.35e-004	1.27e-003	1.27e-003
74	0.66	2.15	1.91e-002	-2.39e-003	5.91e-004	1.27e-003	1.27e-003
75	0.66	1.89	7.55e-003	-5.33e-003	1.93e-004	1.27e-003	1.27e-003
76	0.66	1.75	1.53e-002	-2.07e-003	2.72e-004	1.27e-003	1.27e-003
77	1.17	2.15	2.50e-002	-4.64e-003	1.02e-003	1.27e-003	1.27e-003
78	1.17	1.89	5.88e-003	-5.94e-003	3.54e-004	1.27e-003	1.27e-003
79	1.17	1.75	2.50e-002	-3.65e-003	5.06e-004	1.27e-003	1.27e-003
80	-0.53	1.68	-1.66e-003	-5.31e-003	-3.17e-004	1.27e-003	1.27e-003
81	0.66	1.68	2.55e-003	-4.99e-003	3.94e-004	1.27e-003	1.27e-003
82	1.17	1.68	2.53e-003	-5.36e-003	6.71e-004	1.27e-003	1.27e-003
83	-0.72	1.95	-3.29e-002	-3.50e-003	-9.27e-004	1.27e-003	1.27e-003
84	-0.72	2.38	-1.58e-002	-7.11e-003	2.35e-004	1.27e-003	1.27e-003
85	-0.72	2.98	-1.34e-002	-7.17e-003	3.17e-004	1.27e-003	1.27e-003
86	-0.53	1.95	1.13e-002	-3.52e-003	-3.59e-004	1.27e-003	1.27e-003
87	0.66	1.95	-5.48e-003	-3.38e-003	4.01e-004	1.27e-003	1.27e-003
88	1.17	1.95	2.54e-002	-3.38e-003	7.32e-004	1.27e-003	1.27e-003
89	-0.53	2.38	-6.83e-004	-7.66e-003	2.73e-004	1.27e-003	1.27e-003
90	0.66	2.38	1.02e-003	-7.47e-003	-2.28e-004	1.27e-003	1.27e-003
91	1.17	2.38	1.49e-002	-6.95e-003	-2.85e-004	1.27e-003	1.27e-003

92	-0.53	2.98	-2.84e-003	-7.22e-003	3.12e-004	1.27e-003
93	0.66	2.98	9.16e-003	-7.05e-003	3.14e-004	1.27e-003
94	1.17	2.98	1.53e-002	-7.21e-003	-2.73e-004	1.27e-003
95	-0.72	3.57	-0.11	-4.59e-003	6.08e-004	1.27e-003
96	-0.53	3.57	-2.91e-002	-3.49e-003	3.26e-004	1.27e-003
97	0.66	3.57	2.14e-002	-2.83e-003	2.71e-004	1.27e-003
98	1.15	3.58	6.16e-002	-7.13e-003	-5.99e-004	1.27e-003
99	1.12	4.49	7.45e-002	-5.26e-003	-5.98e-004	1.27e-003
100	0.66	4.49	4.68e-002	-3.16e-003	-5.29e-004	1.27e-003
101	-0.53	4.49	-0.15	-4.41e-003	5.27e-004	1.27e-003
102	-7.43e-002	4.55e-003	-5.44e-003	-1.72e-005	-1.28e-003	9.15e-005
103	-0.22	8.49e-003	-8.70e-003	-6.51e-005	-1.68e-003	4.31e-004
104	-0.38	1.08e-002	-1.17e-002	1.26e-005	-1.61e-003	8.24e-004
105	-3.07e-002	5.87e-003	-9.61e-004	-3.50e-005	-5.10e-004	1.96e-004
106	-8.92e-002	1.04e-002	-1.35e-003	-5.58e-005	-6.89e-004	4.44e-004
107	-0.16	1.36e-002	-1.41e-003	2.42e-006	-7.26e-004	7.24e-004
108	4.49e-002	6.33e-003	1.10e-003	-3.88e-005	7.56e-004	2.08e-004
109	0.13	1.10e-002	1.63e-003	-5.66e-005	1.01e-003	4.66e-004
110	0.23	1.38e-002	1.76e-003	8.94e-006	1.06e-003	7.37e-004
111	0.11	5.29e-003	5.47e-003	-1.88e-005	1.95e-003	6.54e-005
112	0.33	9.28e-003	8.77e-003	-6.71e-005	2.60e-003	3.80e-004
113	0.58	1.08e-002	1.19e-002	1.98e-005	2.53e-003	8.26e-004
114	-0.27	2.15e-002	-4.26e-003	2.69e-005	-7.92e-004	1.01e-003
115	-0.34	2.15e-002	-5.02e-003	-1.18e-004	-9.84e-004	1.01e-003
116	-0.42	2.15e-002	-6.58e-003	9.96e-006	-1.13e-003	1.01e-003
117	0.27	2.15e-002	-6.72e-004	2.98e-005	8.32e-004	1.01e-003
118	-0.23	2.15e-002	3.41e-004	-1.15e-004	-7.46e-004	1.01e-003
119	-0.21	2.15e-002	1.27e-003	3.81e-005	-6.77e-004	1.01e-003
120	0.66	2.15e-002	6.82e-003	-7.41e-006	1.90e-003	1.01e-003
121	0.55	2.15e-002	5.00e-003	-8.33e-005	1.64e-003	1.01e-003
122	0.43	2.15e-002	3.99e-003	5.99e-006	1.30e-003	1.01e-003
123	-1.86e-002	5.70e-003	5.38e-003	-2.73e-006	1.30e-003	1.15e-004
124	0.11	5.86e-003	4.96e-003	-1.95e-006	1.61e-003	5.34e-005
125	0.29	9.62e-003	6.38e-003	-3.90e-005	1.99e-003	3.96e-004
126	0.48	1.31e-002	5.29e-003	2.85e-005	2.01e-003	8.18e-004
127	-2.21e-002	5.94e-003	5.25e-003	4.62e-006	1.26e-003	-2.41e-005
128	0.10	7.33e-003	5.29e-003	-1.42e-005	1.36e-003	1.70e-004
129	0.24	1.06e-002	5.14e-003	-2.73e-005	1.54e-003	4.43e-004
130	0.39	1.57e-002	5.00e-003	-6.27e-005	1.63e-003	7.42e-004
131	-1.46e-002	4.54e-003	4.00e-003	-2.32e-005	8.92e-004	-1.00e-004
132	7.48e-002	6.80e-003	3.82e-003	-3.32e-005	1.03e-003	2.42e-004
133	0.18	1.12e-002	3.77e-003	-3.65e-005	1.24e-003	4.83e-004
134	0.31	1.46e-002	5.47e-003	3.60e-005	1.31e-003	7.22e-004
135	-5.59e-003	3.43e-003	-1.49e-004	-1.04e-005	3.37e-004	-4.99e-005
136	3.68e-002	5.84e-003	-1.77e-004	-3.10e-005	6.23e-004	1.23e-004
137	0.11	1.06e-002	7.93e-004	-3.13e-005	8.45e-004	4.26e-004
138	0.19	1.36e-002	-3.02e-004	4.02e-005	8.99e-004	7.54e-004
139	7.29e-003	4.37e-003	-1.84e-004	1.77e-005	-3.56e-004	-3.75e-005
140	-3.29e-002	6.06e-003	-2.06e-004	-2.01e-005	-5.16e-004	1.26e-004
141	-9.13e-002	1.05e-002	2.58e-004	-2.73e-005	-7.00e-004	4.15e-004
142	-0.16	1.52e-002	3.19e-004	-6.05e-005	-7.64e-004	7.39e-004
143	4.47e-003	3.33e-003	1.58e-004	-1.12e-005	-2.81e-004	-5.95e-005
144	-2.95e-002	5.66e-003	-1.59e-004	-2.97e-005	-4.82e-004	1.45e-004
145	-8.41e-002	1.04e-002	-5.17e-004	-3.35e-005	-6.55e-004	4.24e-004
146	-0.15	1.33e-002	6.53e-004	4.52e-005	-7.09e-004	7.41e-004
147	6.85e-003	2.77e-003	-3.38e-003	-3.48e-005	-4.91e-004	-6.81e-005
148	-4.48e-002	5.64e-003	-3.31e-003	-3.61e-005	-6.35e-004	2.03e-004
149	-0.11	1.01e-002	-3.22e-003	-4.00e-005	-7.94e-004	4.42e-004
150	-0.19	1.35e-002	-4.68e-003	3.40e-005	-8.27e-004	7.11e-004
151	1.11e-002	4.07e-003	-4.85e-003	3.14e-006	-7.07e-004	-3.19e-005
152	-5.99e-002	5.66e-003	-4.96e-003	-1.91e-005	-8.24e-004	1.54e-004
153	-0.15	9.38e-003	-4.92e-003	-2.98e-005	-9.81e-004	4.33e-004
154	-0.24	1.48e-002	-4.96e-003	-7.18e-005	-1.01e-003	7.44e-004
155	8.99e-003	4.08e-003	-4.89e-003	6.78e-006	-7.20e-004	6.39e-005
156	-6.98e-002	4.61e-003	-4.81e-003	-8.21e-006	-1.03e-003	8.25e-005

157	-0.18	8.68e-003	-6.62e-003	-4.24e-005	-1.30e-003	4.26e-004
158	-0.31	1.18e-002	-6.09e-003	2.77e-005	-1.28e-003	8.19e-004
159	-3.58	4.18	-2.84e-002	-1.93e-003	1.53e-003	2.15e-003
160	-3.58	3.74	-3.10e-002	-1.83e-003	-1.07e-003	2.15e-003
161	-3.58	3.51	-8.21e-002	-1.10e-003	1.60e-003	2.15e-003
162	-2.69	4.18	3.72e-003	-1.23e-003	1.95e-003	2.15e-003
163	-2.69	3.74	4.18e-003	-1.44e-003	2.35e-003	2.15e-003
164	-2.69	3.51	4.91e-003	-3.63e-004	1.94e-003	2.15e-003
165	-1.92	4.18	2.45e-002	-1.26e-003	7.01e-004	2.15e-003
166	-1.92	3.74	1.82e-002	-1.31e-003	4.46e-004	2.15e-003
167	-1.92	3.51	3.27e-002	-4.73e-004	6.97e-004	2.15e-003
168	-1.19	4.18	-1.84e-002	-1.17e-003	1.04e-003	2.15e-003
169	-1.19	3.74	-2.39e-002	-1.32e-003	1.09e-003	2.15e-003
170	-1.19	3.51	-2.59e-002	-2.97e-004	8.44e-004	2.15e-003
171	-0.92	4.18	1.42e-002	-1.10e-003	-3.59e-004	2.15e-003
172	-0.92	3.74	3.31e-002	-1.56e-003	1.87e-004	2.15e-003
173	-0.92	3.51	-2.81e-002	-6.72e-004	1.93e-004	2.15e-003
174	1.05	4.18	2.68e-002	-1.21e-003	3.19e-004	2.15e-003
175	1.05	3.74	1.42e-002	-2.04e-003	-1.25e-004	2.15e-003
176	1.05	3.51	2.60e-002	-1.17e-003	-2.34e-004	2.15e-003
177	1.86	4.18	3.53e-002	-2.04e-003	-4.29e-004	2.15e-003
178	1.86	3.74	1.01e-002	-2.76e-003	-2.17e-004	2.15e-003
179	1.86	3.51	3.37e-002	-2.21e-003	-2.56e-004	2.15e-003
180	-0.92	3.32	-2.57e-003	-2.86e-003	-1.24e-004	2.15e-003
181	1.05	3.32	4.96e-003	-4.78e-003	2.19e-004	2.15e-003
182	1.86	3.32	4.33e-003	-4.03e-003	-2.87e-004	2.15e-003
183	-1.34	3.62	-4.35e-002	-1.65e-003	3.87e-004	2.15e-003
184	-1.34	4.24	-1.56e-002	-3.97e-003	-2.41e-004	2.15e-003
185	-1.34	5.15	-1.89e-002	-4.36e-003	2.20e-004	2.15e-003
186	-0.92	3.62	5.90e-003	-1.18e-003	1.54e-004	2.15e-003
187	1.05	3.62	6.67e-003	-8.71e-004	-2.21e-004	2.15e-003
188	1.86	3.62	3.37e-002	-2.30e-003	-2.85e-004	2.15e-003
189	-0.92	4.24	-7.38e-004	-3.53e-003	-1.37e-004	2.15e-003
190	1.05	4.24	1.78e-003	-4.82e-003	2.31e-004	2.15e-003
191	1.85	4.24	1.42e-002	-5.95e-003	-3.26e-004	2.15e-003
192	-0.92	5.15	-4.47e-003	-4.27e-003	1.77e-004	2.15e-003
193	1.05	5.15	1.44e-002	-4.77e-003	-2.22e-004	2.15e-003
194	1.85	5.15	1.98e-002	-6.50e-003	-2.12e-004	2.15e-003
195	-1.34	6.10	-0.14	-1.96e-003	4.01e-004	2.15e-003
196	-0.92	6.10	-4.40e-002	-1.53e-003	1.84e-004	2.15e-003
197	1.05	6.10	3.78e-002	-1.81e-003	-2.38e-004	2.15e-003
198	1.82	6.11	7.30e-002	-3.73e-003	-4.94e-004	2.15e-003
199	1.78	7.60	8.75e-002	-3.97e-003	-5.36e-004	2.15e-003
200	1.05	7.60	5.45e-002	-3.49e-003	-3.06e-004	2.15e-003
201	-0.92	7.60	-0.17	-4.15e-003	3.62e-004	2.15e-003
202	1.05	3.69	2.05e-002	-1.29e-003	-9.88e-005	2.15e-003
203	1.05	3.64	2.44e-002	-9.77e-004	-5.99e-005	2.15e-003
204	1.05	3.59	2.64e-002	-8.12e-004	-4.34e-005	2.15e-003
205	1.05	3.55	2.71e-002	-7.80e-004	-1.21e-005	2.15e-003
206	1.05	3.44	2.51e-002	-1.74e-003	2.94e-005	2.15e-003
207	1.05	3.39	2.09e-002	-3.18e-003	3.93e-005	2.15e-003
208	1.05	3.35	1.55e-002	-4.23e-003	4.60e-005	2.15e-003
209	1.05	3.33	9.80e-003	-4.75e-003	4.41e-005	2.15e-003
210	1.05	3.34	3.41e-003	-4.88e-003	1.34e-005	2.15e-003
211	1.05	3.38	3.80e-003	-4.39e-003	-1.11e-005	2.15e-003
212	1.05	3.44	5.55e-003	-3.29e-003	-1.14e-005	2.15e-003
213	1.05	3.52	7.15e-003	-1.69e-003	-1.38e-005	2.15e-003
214	1.05	3.72	6.42e-003	-1.39e-003	2.09e-005	2.15e-003
215	1.05	3.84	5.36e-003	-2.76e-003	1.10e-005	2.15e-003
216	1.05	3.96	4.20e-003	-3.86e-003	1.14e-005	2.15e-003
217	1.05	4.09	3.08e-003	-4.58e-003	1.85e-005	2.15e-003
218	1.05	4.40	1.88e-003	-5.50e-003	-7.54e-006	2.15e-003
219	1.05	4.58	4.15e-003	-5.85e-003	-2.09e-005	2.15e-003
220	1.05	4.76	7.67e-003	-5.71e-003	-2.71e-005	2.15e-003
221	1.05	4.96	1.14e-002	-5.13e-003	-2.97e-005	2.15e-003

222	1.05	5.34	1.91e-002	-4.08e-003	-4.29e-005	2.15e-003
223	1.05	5.52	2.45e-002	-3.53e-003	-4.82e-005	2.15e-003
224	1.05	5.71	3.02e-002	-2.76e-003	-4.68e-005	2.15e-003
225	1.05	5.90	3.53e-002	-1.82e-003	-4.12e-005	2.15e-003
226	1.05	6.39	4.32e-002	-2.47e-003	-3.08e-005	2.15e-003
227	1.05	6.69	4.76e-002	-3.82e-003	-3.02e-005	2.15e-003
228	1.05	6.99	5.14e-002	-4.46e-003	-2.39e-005	2.15e-003
229	1.05	7.29	5.40e-002	-4.30e-003	-2.53e-005	2.15e-003
230	1.05	5.72	2.74e-002	-3.18e-003	-4.94e-005	2.01e-003
231	1.05	5.80	3.02e-002	-2.76e-003	-4.71e-005	1.99e-003
232	1.05	5.88	3.29e-002	-2.29e-003	-4.58e-005	1.97e-003
233	1.05	5.96	3.53e-002	-1.79e-003	-4.05e-005	1.99e-003
234	1.05	6.05	3.76e-002	-1.37e-003	-4.55e-005	2.08e-003
235	1.05	6.15	3.87e-002	-1.21e-003	-4.04e-005	2.20e-003
236	1.05	5.53	1.67e-002	-4.07e-003	-3.92e-005	2.04e-003
237	1.05	5.61	1.91e-002	-3.99e-003	-4.50e-005	2.03e-003
238	1.05	5.68	2.17e-002	-3.79e-003	-4.85e-005	1.99e-003
239	1.05	5.76	2.45e-002	-3.52e-003	-4.94e-005	1.94e-003
240	1.05	5.83	2.74e-002	-3.17e-003	-4.98e-005	1.89e-003
241	1.05	5.90	3.02e-002	-2.76e-003	-4.78e-005	1.85e-003
242	1.05	5.96	3.28e-002	-2.28e-003	-4.62e-005	1.82e-003
243	1.05	6.02	3.52e-002	-1.75e-003	-4.19e-005	1.82e-003
244	1.05	6.09	3.76e-002	-1.19e-003	-4.75e-005	1.92e-003
245	1.05	6.18	3.94e-002	-8.40e-004	-4.16e-005	2.24e-003
246	1.05	5.66	1.67e-002	-3.97e-003	-4.25e-005	2.08e-003
247	1.05	5.74	1.91e-002	-3.96e-003	-4.85e-005	2.01e-003
248	1.05	5.81	2.17e-002	-3.79e-003	-5.08e-005	1.94e-003
249	1.04	5.88	2.45e-002	-3.52e-003	-5.27e-005	1.87e-003
250	1.04	5.94	2.74e-002	-3.17e-003	-5.30e-005	-1.80e-003
251	1.05	5.99	3.02e-002	-2.76e-003	-5.09e-005	-1.75e-003
252	1.05	6.04	3.28e-002	-2.27e-003	-4.81e-005	-1.70e-003
253	1.05	6.08	3.52e-002	-1.72e-003	-4.31e-005	-1.69e-003
254	1.05	6.13	3.74e-002	-1.12e-003	-4.32e-005	-1.77e-003
255	1.05	6.21	4.03e-002	-6.50e-004	-8.75e-005	2.28e-003
256	1.05	6.25	4.00e-002	-1.44e-003	-5.27e-005	2.33e-003
257	1.05	6.36	4.17e-002	-1.92e-003	-2.89e-005	2.45e-003
258	1.05	6.47	4.32e-002	-2.46e-003	-3.04e-005	2.47e-003
259	1.05	6.59	4.47e-002	-2.98e-003	-2.91e-005	2.45e-003
260	1.05	6.70	4.61e-002	-3.44e-003	-3.09e-005	2.40e-003
261	1.05	6.82	4.76e-002	-3.82e-003	-3.05e-005	2.36e-003
262	1.05	6.93	4.89e-002	-4.12e-003	-2.95e-005	2.31e-003
263	1.05	7.03	5.03e-002	-4.33e-003	-2.72e-005	2.26e-003
264	1.05	7.14	5.14e-002	-4.45e-003	-2.41e-005	2.20e-003
265	1.05	7.24	5.25e-002	-4.49e-003	-2.18e-005	2.15e-003
266	1.05	3.80	1.45e-002	-1.26e-003	-1.27e-004	2.21e-003
267	1.05	3.73	2.05e-002	-1.10e-003	-1.08e-004	2.25e-003
268	1.05	3.67	2.44e-002	-9.16e-004	-6.02e-005	2.21e-003
269	1.05	3.62	2.64e-002	-7.69e-004	-3.99e-005	2.19e-003
270	1.05	3.58	2.70e-002	-6.69e-004	-2.14e-005	2.17e-003
271	1.05	3.54	2.66e-002	-6.48e-004	-2.64e-005	2.16e-003
272	1.05	3.83	1.47e-002	-6.85e-004	-1.87e-004	2.23e-003
273	1.05	3.76	2.11e-002	-7.77e-004	-8.94e-005	2.26e-003
274	1.05	3.70	2.44e-002	-8.01e-004	-6.46e-005	2.25e-003
275	1.05	3.65	2.64e-002	-6.91e-004	-3.66e-005	2.24e-003
276	1.05	3.60	2.70e-002	-4.94e-004	-1.77e-005	2.22e-003
277	1.05	3.56	2.70e-002	-3.27e-004	-1.48e-005	2.16e-003
278	1.05	3.84	1.52e-002	-2.57e-004	-2.54e-004	2.24e-003
279	1.05	3.79	2.09e-002	-6.35e-004	-7.84e-005	2.22e-003
280	1.05	3.73	2.43e-002	-7.42e-004	-4.85e-005	2.26e-003
281	1.05	3.67	2.63e-002	-6.50e-004	-2.23e-005	2.29e-003
282	1.05	3.61	2.69e-002	-4.26e-004	-1.06e-005	2.28e-003
283	1.05	3.57	2.75e-002	-1.64e-004	-2.48e-005	2.18e-003
284	1.05	3.47	2.64e-002	-1.11e-003	1.26e-005	2.15e-003
285	1.05	7.34	5.33e-002	-4.44e-003	-2.24e-005	2.10e-003
286	1.05	7.44	5.40e-002	-4.30e-003	-2.55e-005	2.06e-003

287	1.05	3.41	2.33e-002	-2.49e-003	3.22e-005	2.15e-003
288	1.05	3.36	1.83e-002	-3.77e-003	4.41e-005	2.15e-003
289	1.05	7.53	5.43e-002	-4.09e-003	-4.56e-005	2.03e-003
290	1.05	7.63	5.47e-002	-3.87e-003	-2.44e-005	2.03e-003
291	1.05	3.34	1.26e-002	-4.55e-003	4.64e-005	2.15e-003
292	1.05	3.32	7.23e-003	-4.83e-003	3.98e-005	2.15e-003
293	1.05	7.73	5.45e-002	-3.76e-003	-7.90e-005	2.15e-003
294	1.05	3.33	3.99e-003	-4.90e-003	1.88e-005	2.15e-003
295	1.05	6.29	4.03e-002	-1.25e-003	-2.31e-005	2.65e-003
296	1.05	6.42	4.17e-002	-1.87e-003	-2.85e-005	2.80e-003
297	1.05	3.36	3.36e-003	-4.71e-003	1.32e-005	2.15e-003
298	1.05	3.41	4.60e-003	-3.91e-003	-1.34e-005	2.15e-003
299	1.05	6.56	4.32e-002	-2.45e-003	-2.95e-005	2.81e-003
300	1.05	6.69	4.47e-002	-2.98e-003	-2.98e-005	2.75e-003
301	1.05	3.48	6.48e-003	-2.53e-003	-1.20e-005	2.15e-003
302	1.05	3.57	7.54e-003	-9.27e-004	-1.19e-005	2.15e-003
303	1.05	6.82	4.61e-002	-3.44e-003	-3.12e-005	2.66e-003
304	1.05	3.51	2.63e-002	-1.01e-003	2.39e-005	2.11e-003
305	1.05	3.50	2.51e-002	-1.72e-003	2.75e-005	2.11e-003
306	1.05	3.50	2.33e-002	-2.49e-003	3.29e-005	2.12e-003
307	1.05	3.50	2.09e-002	-3.18e-003	3.98e-005	2.13e-003
308	1.05	3.50	1.83e-002	-3.77e-003	4.47e-005	2.15e-003
309	1.05	3.49	1.55e-002	-4.23e-003	4.66e-005	2.17e-003
310	1.05	3.49	1.26e-002	-4.56e-003	4.69e-005	2.18e-003
311	1.05	3.49	9.80e-003	-4.76e-003	4.41e-005	2.20e-003
312	1.05	3.49	7.22e-003	-4.85e-003	5.06e-005	2.21e-003
313	1.05	3.49	5.09e-003	-4.87e-003	3.21e-005	2.17e-003
314	1.05	3.55	2.64e-002	-8.57e-004	2.43e-005	2.13e-003
315	1.05	3.56	2.51e-002	-1.69e-003	2.56e-005	2.17e-003
316	1.05	3.59	2.32e-002	-2.48e-003	3.38e-005	2.18e-003
317	1.05	3.61	2.09e-002	-3.18e-003	4.04e-005	2.19e-003
318	1.05	3.63	1.83e-002	-3.77e-003	4.53e-005	2.19e-003
319	1.05	3.64	1.55e-002	-4.23e-003	4.73e-005	2.21e-003
320	1.05	3.65	1.26e-002	-4.56e-003	4.74e-005	2.23e-003
321	1.05	3.66	9.80e-003	-4.77e-003	4.39e-005	2.25e-003
322	1.05	3.66	7.22e-003	-4.88e-003	4.07e-005	2.25e-003
323	1.05	3.66	5.15e-003	-4.91e-003	2.95e-005	2.18e-003
324	1.05	3.58	2.63e-002	-7.99e-004	2.28e-005	2.23e-003
325	1.05	3.62	2.50e-002	-1.67e-003	2.75e-005	2.34e-003
326	1.05	3.67	2.32e-002	-2.48e-003	3.82e-005	2.34e-003
327	1.05	3.72	2.09e-002	-3.19e-003	4.50e-005	2.31e-003
328	1.05	3.76	1.83e-002	-3.77e-003	5.00e-005	2.28e-003
329	1.05	3.79	1.55e-002	-4.23e-003	5.20e-005	2.27e-003
330	1.05	3.81	1.26e-002	-4.56e-003	5.18e-005	2.28e-003
331	1.05	3.82	9.81e-003	-4.78e-003	4.88e-005	2.30e-003
332	1.05	3.83	7.26e-003	-4.89e-003	4.41e-005	2.29e-003
333	1.05	3.83	5.18e-003	-4.92e-003	2.98e-005	2.19e-003
334	1.05	3.50	4.08e-003	-4.91e-003	3.80e-005	2.14e-003
335	1.05	3.51	3.42e-003	-4.88e-003	1.22e-005	2.15e-003
336	1.05	3.52	3.36e-003	-4.72e-003	1.28e-005	2.17e-003
337	1.05	3.52	3.80e-003	-4.39e-003	-1.18e-005	2.20e-003
338	1.05	3.54	4.60e-003	-3.91e-003	-1.39e-005	2.22e-003
339	1.05	3.55	5.55e-003	-3.29e-003	-1.21e-005	2.24e-003
340	1.05	3.56	6.48e-003	-2.53e-003	-1.19e-005	2.26e-003
341	1.05	3.58	7.14e-003	-1.68e-003	-1.19e-005	-2.27e-003
342	1.05	3.60	7.73e-003	-8.69e-004	-2.67e-005	2.26e-003
343	1.05	3.64	7.14e-003	-4.66e-004	-2.49e-005	2.20e-003
344	1.05	3.67	4.00e-003	-4.94e-003	1.81e-005	2.14e-003
345	1.05	3.67	3.42e-003	-4.89e-003	1.19e-005	2.16e-003
346	1.05	3.67	3.37e-003	-4.72e-003	1.24e-005	2.20e-003
347	1.05	3.67	3.80e-003	-4.39e-003	-1.26e-005	2.26e-003
348	1.05	3.66	4.60e-003	-3.91e-003	-1.41e-005	-2.32e-003
349	1.05	3.65	5.55e-003	-3.29e-003	-1.28e-005	-2.39e-003
350	1.05	3.64	6.47e-003	-2.53e-003	-1.19e-005	-2.44e-003
351	1.05	3.63	7.11e-003	-1.67e-003	-1.12e-005	-2.47e-003

352	1.05	3.63	7.59e-003	-7.77e-004	-1.39e-005	-2.41e-003
353	1.05	3.66	7.56e-003	-1.79e-004	-2.12e-005	2.23e-003
354	1.05	3.84	4.00e-003	-4.95e-003	1.68e-005	2.14e-003
355	1.05	3.84	3.44e-003	-4.90e-003	1.39e-005	2.17e-003
356	1.05	3.83	3.38e-003	-4.72e-003	1.42e-005	2.24e-003
357	1.05	3.82	3.81e-003	-4.39e-003	-1.62e-005	-2.34e-003
358	1.05	3.79	4.60e-003	-3.91e-003	-1.79e-005	-2.46e-003
359	1.05	3.76	5.54e-003	-3.29e-003	-1.66e-005	-2.58e-003
360	1.05	3.72	6.45e-003	-2.53e-003	-1.45e-005	-2.68e-003
361	1.05	3.68	7.11e-003	-1.66e-003	-1.15e-005	-2.73e-003
362	1.05	3.65	7.44e-003	-7.37e-004	-1.19e-005	-2.60e-003
363	1.05	3.66	8.07e-003	5.57e-005	-4.55e-005	2.25e-003
364	1.05	3.67	6.80e-003	-8.28e-004	9.55e-006	2.15e-003
365	1.05	6.95	4.76e-002	-3.82e-003	-3.10e-005	2.57e-003
366	1.05	7.07	4.89e-002	-4.11e-003	-2.99e-005	2.46e-003
367	1.05	3.78	5.90e-003	-2.08e-003	9.47e-006	2.15e-003
368	1.05	3.90	4.78e-003	-3.36e-003	1.10e-005	2.15e-003
369	1.05	7.18	5.02e-002	-4.33e-003	-2.76e-005	2.36e-003
370	1.05	7.29	5.14e-002	-4.45e-003	-2.45e-005	2.26e-003
371	1.05	4.03	3.66e-003	-4.27e-003	1.08e-005	2.15e-003
372	1.05	4.16	2.61e-003	-4.77e-003	9.08e-006	2.15e-003
373	1.05	7.40	5.25e-002	-4.49e-003	-2.18e-005	2.15e-003
374	1.05	7.49	5.33e-002	-4.43e-003	-2.20e-005	2.05e-003
375	1.05	4.32	1.48e-003	-5.17e-003	7.40e-006	2.15e-003
376	1.05	4.49	2.75e-003	-5.73e-003	-1.92e-005	2.15e-003
377	1.05	7.59	5.40e-002	-4.29e-003	-2.58e-005	1.96e-003
378	1.05	7.68	5.43e-002	-4.08e-003	-3.92e-005	1.90e-003
379	1.05	4.67	5.83e-003	-5.85e-003	-2.61e-005	2.15e-003
380	1.05	4.86	9.60e-003	-5.46e-003	-3.12e-005	2.15e-003
381	1.05	7.76	5.45e-002	-3.82e-003	-4.28e-005	1.93e-003
382	1.05	7.86	5.45e-002	-3.63e-003	-5.48e-005	2.17e-003
383	1.05	5.05	1.33e-002	-4.82e-003	-3.63e-005	2.15e-003
384	1.05	3.70	6.71e-003	-7.39e-004	-2.35e-005	2.28e-003
385	1.05	3.77	6.40e-003	-1.37e-003	1.85e-005	2.34e-003
386	1.05	3.85	5.90e-003	-2.08e-003	9.75e-006	2.36e-003
387	1.05	3.93	5.35e-003	-2.76e-003	1.09e-005	2.35e-003
388	1.05	4.01	4.78e-003	-3.36e-003	1.11e-005	2.33e-003
389	1.05	4.09	4.20e-003	-3.86e-003	1.15e-005	2.31e-003
390	1.05	4.17	3.65e-003	-4.27e-003	1.10e-005	2.29e-003
391	1.05	4.25	3.08e-003	-4.59e-003	1.64e-005	2.26e-003
392	1.05	4.32	2.81e-003	-4.80e-003	2.86e-005	2.23e-003
393	1.05	4.40	1.80e-003	-4.94e-003	1.74e-005	2.22e-003
394	1.05	3.72	6.89e-003	-6.13e-004	1.80e-005	2.48e-003
395	1.05	3.82	6.40e-003	-1.35e-003	1.43e-005	2.61e-003
396	1.05	3.92	5.89e-003	-2.08e-003	1.03e-005	2.63e-003
397	1.05	4.02	5.35e-003	-2.76e-003	1.08e-005	2.60e-003
398	1.05	4.12	4.78e-003	-3.36e-003	1.13e-005	2.55e-003
399	1.05	4.22	4.20e-003	-3.86e-003	1.15e-005	2.49e-003
400	1.05	4.31	3.65e-003	-4.28e-003	1.12e-005	2.44e-003
401	1.05	4.40	3.06e-003	-4.60e-003	1.20e-005	2.39e-003
402	1.05	4.48	2.53e-003	-4.84e-003	1.17e-005	2.33e-003
403	1.05	4.56	1.82e-003	-5.00e-003	7.39e-006	2.29e-003
404	1.05	3.74	6.89e-003	-5.61e-004	1.53e-005	2.74e-003
405	1.05	3.86	6.38e-003	-1.34e-003	1.05e-005	2.94e-003
406	1.05	3.99	5.89e-003	-2.08e-003	1.09e-005	2.94e-003
407	1.05	4.11	5.35e-003	-2.76e-003	1.17e-005	2.88e-003
408	1.05	4.23	4.77e-003	-3.36e-003	1.28e-005	2.79e-003
409	1.05	4.35	4.20e-003	-3.87e-003	1.29e-005	2.70e-003
410	1.05	4.45	3.64e-003	-4.28e-003	1.25e-005	2.61e-003
411	1.05	4.55	3.08e-003	-4.61e-003	1.14e-005	2.52e-003
412	1.05	4.65	2.46e-003	-4.86e-003	1.19e-005	2.43e-003
413	1.05	4.73	1.83e-003	-5.01e-003	7.18e-006	2.34e-003
414	1.05	4.49	1.36e-003	-5.19e-003	3.72e-005	2.29e-003
415	1.05	4.59	1.88e-003	-5.50e-003	-6.73e-006	2.29e-003
416	1.05	4.68	2.76e-003	-5.74e-003	-1.88e-005	2.27e-003

417	1.05	4.77	4.15e-003	-5.86e-003	-2.14e-005	2.24e-003
418	1.05	4.86	5.83e-003	-5.85e-003	-2.64e-005	2.20e-003
419	1.05	4.95	7.67e-003	-5.71e-003	-2.76e-005	2.17e-003
420	1.05	5.04	9.59e-003	-5.46e-003	-3.10e-005	2.14e-003
421	1.05	5.13	1.14e-002	-5.11e-003	-2.97e-005	2.13e-003
422	1.05	5.22	1.35e-002	-4.73e-003	-5.01e-005	2.14e-003
423	1.05	5.31	1.47e-002	-4.45e-003	-4.08e-005	2.11e-003
424	1.05	4.66	1.48e-003	-5.23e-003	4.65e-006	2.43e-003
425	1.05	4.77	1.91e-003	-5.52e-003	-7.90e-006	2.43e-003
426	1.05	4.87	2.77e-003	-5.74e-003	-1.83e-005	2.38e-003
427	1.05	4.97	4.16e-003	-5.86e-003	-2.23e-005	2.32e-003
428	1.05	5.06	5.83e-003	-5.85e-003	-2.66e-005	2.25e-003
429	1.05	5.14	7.67e-003	-5.71e-003	-2.82e-005	2.20e-003
430	1.05	5.22	9.59e-003	-5.45e-003	-3.07e-005	2.14e-003
431	1.05	5.30	1.14e-002	-5.07e-003	-3.11e-005	2.11e-003
432	1.05	5.37	1.33e-002	-4.57e-003	-3.52e-005	2.09e-003
433	1.05	5.45	1.49e-002	-4.11e-003	-4.37e-005	2.07e-003
434	1.05	4.84	1.57e-003	-5.25e-003	4.68e-006	2.56e-003
435	1.05	4.95	1.90e-003	-5.53e-003	-1.45e-005	2.57e-003
436	1.05	5.06	2.80e-003	-5.74e-003	-2.02e-005	2.49e-003
437	1.05	5.16	4.18e-003	-5.86e-003	-2.55e-005	2.40e-003
438	1.05	5.25	5.84e-003	-5.85e-003	-2.94e-005	2.31e-003
439	1.05	5.33	7.67e-003	-5.71e-003	-3.08e-005	2.23e-003
440	1.05	5.40	9.58e-003	-5.45e-003	-3.19e-005	-2.16e-003
441	1.05	5.47	1.14e-002	-5.05e-003	-3.29e-005	-2.10e-003
442	1.05	5.52	1.32e-002	-4.50e-003	-3.41e-005	-2.04e-003
443	1.05	5.59	1.52e-002	-3.66e-003	-7.62e-005	2.04e-003
444	1.05	5.24	1.66e-002	-4.36e-003	-4.57e-005	2.15e-003
445	1.05	5.43	2.17e-002	-3.82e-003	-4.89e-005	2.15e-003
446	1.05	5.62	2.74e-002	-3.18e-003	-4.92e-005	2.15e-003
447	1.05	5.81	3.29e-002	-2.29e-003	-4.56e-005	2.15e-003
448	1.05	6.00	3.75e-002	-1.50e-003	-4.04e-005	2.15e-003
449	1.05	6.34	4.04e-002	-1.18e-003	-2.67e-005	3.00e-003
450	1.05	6.49	4.17e-002	-1.84e-003	-3.02e-005	3.18e-003
451	1.05	6.64	4.32e-002	-2.45e-003	-3.04e-005	3.15e-003
452	1.05	6.79	4.46e-002	-2.98e-003	-3.22e-005	3.05e-003
453	1.05	6.94	4.61e-002	-3.44e-003	-3.37e-005	2.92e-003
454	1.05	6.19	4.02e-002	-1.57e-003	-3.46e-005	2.15e-003
455	1.05	6.29	4.18e-002	-1.95e-003	-2.86e-005	2.15e-003
456	1.04	7.08	4.75e-002	-3.82e-003	-3.38e-005	2.78e-003
457	1.05	7.21	4.89e-002	-4.11e-003	-3.27e-005	2.62e-003
458	1.05	7.33	5.02e-002	-4.33e-003	-3.02e-005	2.47e-003
459	1.05	7.44	5.14e-002	-4.45e-003	-2.66e-005	2.31e-003
460	1.05	6.49	4.47e-002	-2.98e-003	-2.88e-005	2.15e-003
461	1.05	6.59	4.61e-002	-3.44e-003	-3.07e-005	2.15e-003
462	1.05	6.79	4.89e-002	-4.12e-003	-2.92e-005	2.15e-003
463	1.05	6.89	5.03e-002	-4.33e-003	-2.70e-005	2.15e-003
464	1.05	7.55	5.25e-002	-4.49e-003	-2.29e-005	2.15e-003
465	1.05	7.65	5.33e-002	-4.43e-003	-2.11e-005	2.00e-003
466	1.05	7.73	5.39e-002	-4.29e-003	-2.46e-005	1.87e-003
467	1.05	7.82	5.43e-002	-4.07e-003	-3.39e-005	1.77e-003
468	1.05	7.09	5.25e-002	-4.49e-003	-2.17e-005	2.15e-003
469	1.05	7.19	5.33e-002	-4.44e-003	-2.26e-005	2.15e-003
470	1.05	7.39	5.43e-002	-4.10e-003	-4.84e-005	2.15e-003
471	1.05	7.50	5.46e-002	-3.87e-003	-3.67e-005	2.15e-003
472	1.05	7.89	5.44e-002	-3.76e-003	-4.46e-005	1.77e-003
473	1.05	7.98	5.44e-002	-3.10e-003	-9.37e-005	2.21e-003
474	1.05	5.39	1.64e-002	-4.26e-003	-6.07e-005	2.06e-003
475	1.05	5.47	1.91e-002	-4.05e-003	-4.36e-005	2.07e-003
476	1.05	5.56	2.17e-002	-3.81e-003	-4.88e-005	2.06e-003
477	1.05	5.64	2.45e-002	-3.53e-003	-4.86e-005	2.04e-003
478	1.99	3.60	3.73e-002	1.63e-004	-1.47e-004	2.50e-003
479	1.99	4.47	4.92e-003	-4.30e-003	-9.28e-005	2.00e-003
480	1.99	3.69	3.77e-002	5.30e-004	-1.33e-004	3.07e-003
481	1.98	6.04	1.41e-002	-9.08e-003	-1.07e-004	4.11e-003

482	1.97	7.00	2.09e-002	-8.95e-003	-1.99e-004	-2.97e-003
483	1.97	6.32	7.98e-002	3.42e-004	-1.98e-004	2.11e-003
484	1.92	8.01	9.18e-002	2.77e-004	-2.16e-004	2.47e-003
485	-1.38	3.66	-4.60e-002	1.85e-004	1.17e-004	2.35e-003
486	-1.38	4.81	-1.55e-002	-3.59e-003	-6.18e-005	2.50e-003
487	-1.38	5.71	-2.04e-002	-2.91e-003	1.81e-004	1.94e-003
488	1.07	5.95	1.73e-002	-9.65e-004	-1.21e-004	1.96e-003
489	1.07	6.37	4.12e-002	-8.87e-004	-7.53e-005	2.18e-003
490	1.07	8.41	5.66e-002	-1.66e-003	-1.11e-004	2.40e-003
491	0.99	8.42	-0.17	-1.41e-003	1.44e-004	2.41e-003
492	0.99	6.37	-4.40e-002	-2.83e-004	1.20e-004	2.16e-003
493	-1.39	5.95	-2.14e-002	-1.24e-003	2.80e-004	1.90e-003
494	0.99	5.95	-5.41e-003	-6.55e-004	1.65e-004	2.05e-003
495	-1.39	6.36	-0.14	-1.39e-003	2.46e-004	1.88e-003
496	1.99	4.45	3.92e-002	-2.60e-004	-2.00e-004	2.16e-003
497	1.99	4.13	1.16e-002	-6.09e-004	-1.19e-004	-2.54e-003
498	-3.63	4.50	-2.91e-002	-4.69e-004	1.98e-004	1.99e-003
499	-3.09	4.50	4.00e-003	-3.19e-004	1.06e-003	2.23e-003
500	-1.96	4.49	2.64e-002	-2.86e-004	4.52e-005	2.52e-003
501	-1.44	4.48	-1.84e-002	-2.62e-004	1.11e-003	2.10e-003
502	1.14	4.48	1.39e-002	-2.89e-004	1.32e-003	2.41e-003
503	1.20	4.47	2.76e-002	-2.76e-004	1.01e-003	2.42e-003
504	-3.63	3.87	-3.18e-002	-6.91e-004	1.39e-004	2.20e-003
505	-2.92	3.86	4.28e-003	-4.23e-004	1.93e-003	2.18e-003
506	-1.95	3.85	1.92e-002	-4.11e-004	1.36e-004	2.34e-003
507	-1.29	3.85	-2.37e-002	-4.10e-004	8.89e-004	2.17e-003
508	-0.94	3.85	3.27e-002	-3.26e-004	3.35e-004	2.26e-003
509	-1.38	6.19	-0.14	-7.13e-004	2.33e-004	1.97e-003
510	0.30	0.95	0.00	0.00	0.00	1.01e-003
511	0.54	1.93	0.00	0.00	0.00	1.27e-003
512	0.91	3.57	0.00	0.00	0.00	2.15e-003

SPOSTAMENTI NODALI "Dinamica SLOh X" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00

30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	0.40	1.26e-003	1.19e-003	-3.56e-005	8.95e-004	4.90e-005
42	0.40	3.06e-002	2.92e-003	-1.55e-004	2.06e-004	4.90e-005
43	0.00	0.00	0.00	0.00	0.00	0.00
44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	0.40	1.26e-003	7.94e-004	-2.76e-005	1.07e-003	4.90e-005
47	0.40	1.26e-003	8.61e-004	-2.62e-005	1.09e-003	4.90e-005
48	0.40	1.26e-003	9.18e-004	-3.01e-005	9.25e-004	4.90e-005
49	0.40	3.06e-002	1.34e-003	-1.74e-004	2.75e-004	4.90e-005
50	0.40	3.06e-002	1.09e-003	-1.75e-004	2.60e-004	4.90e-005
51	0.40	3.06e-002	2.87e-003	-1.73e-004	2.14e-004	4.90e-005
52	0.40	5.74e-002	-8.60e-003	-1.03e-004	6.42e-004	4.90e-005
53	0.40	5.72e-002	-3.44e-003	-7.69e-005	6.61e-004	4.90e-005
54	0.40	5.72e-002	-4.49e-003	-7.21e-005	7.93e-004	4.90e-005
55	0.40	5.75e-002	-4.53e-003	-2.02e-004	6.98e-004	4.90e-005
56	0.40	0.10	-8.54e-003	-1.51e-004	1.09e-003	4.90e-005
57	0.40	0.10	-5.43e-003	-1.07e-004	1.44e-003	4.90e-005
58	0.40	0.10	-5.73e-003	-1.24e-004	1.07e-003	4.90e-005
59	0.84	-0.31	1.34e-002	5.59e-004	1.51e-003	9.45e-005
60	0.84	-0.28	1.06e-002	4.18e-004	6.78e-004	9.45e-005
61	0.84	-0.25	-1.82e-002	-4.78e-004	1.33e-003	9.45e-005
62	0.85	-0.31	9.25e-004	2.96e-004	2.65e-003	9.45e-005
63	0.85	-0.28	6.95e-004	1.62e-004	2.30e-003	9.45e-005
64	0.85	-0.25	-2.07e-003	2.64e-004	2.61e-003	9.45e-005
65	0.87	-0.31	1.15e-002	3.30e-004	1.80e-003	9.45e-005
66	0.87	-0.28	7.51e-003	2.12e-004	9.60e-004	9.45e-005
67	0.87	-0.25	-1.95e-002	2.89e-004	1.60e-003	9.45e-005
68	0.88	-0.31	3.48e-003	2.95e-004	2.54e-003	9.45e-005
69	0.88	-0.28	2.91e-003	1.62e-004	2.22e-003	9.45e-005
70	0.88	-0.25	-2.01e-003	2.59e-004	2.51e-003	9.45e-005
71	0.90	-0.31	1.61e-002	-2.53e-004	9.39e-004	9.45e-005
72	0.90	-0.28	3.95e-003	3.17e-004	3.50e-004	9.45e-005
73	0.90	-0.25	-1.04e-002	2.58e-004	4.68e-004	9.45e-005
74	0.91	-0.31	1.51e-002	3.29e-004	8.81e-004	9.45e-005
75	0.91	-0.28	1.69e-003	7.45e-004	2.97e-004	9.45e-005
76	0.91	-0.25	-9.70e-003	2.85e-004	4.13e-004	9.45e-005
77	0.93	-0.31	1.63e-002	6.29e-004	8.91e-004	9.45e-005
78	0.93	-0.28	1.14e-003	8.24e-004	3.09e-004	9.45e-005
79	0.93	-0.25	-1.20e-002	5.06e-004	4.32e-004	9.45e-005
80	0.90	-0.21	-1.22e-003	6.63e-004	5.61e-004	9.45e-005
81	0.91	-0.21	-1.70e-003	6.21e-004	5.75e-004	9.45e-005
82	0.93	-0.21	-1.44e-003	6.74e-004	5.82e-004	9.45e-005
83	0.88	0.17	1.19e-002	-3.25e-004	1.08e-003	9.45e-005
84	0.88	0.15	-3.66e-003	-5.01e-004	2.38e-004	9.45e-005
85	0.88	0.14	6.70e-003	-4.44e-004	3.76e-004	9.45e-005
86	0.90	0.17	1.00e-003	-3.45e-004	6.08e-004	9.45e-005
87	0.91	0.17	9.78e-004	-3.21e-004	5.88e-004	9.45e-005
88	0.93	0.17	2.06e-003	-3.26e-004	6.16e-004	9.45e-005
89	0.90	0.15	-3.25e-004	-5.26e-004	3.83e-004	9.45e-005
90	0.91	0.15	2.57e-004	-5.03e-004	3.85e-004	9.45e-005
91	0.93	0.15	-1.89e-003	-4.90e-004	3.31e-004	9.45e-005
92	0.90	0.14	3.05e-003	-4.29e-004	4.94e-004	9.45e-005
93	0.91	0.14	2.22e-003	-4.17e-004	5.02e-004	9.45e-005
94	0.93	0.14	6.41e-003	-4.56e-004	3.67e-004	9.45e-005

95	0.88	0.15	-1.49e-002	-2.52e-004	7.00e-004	9.45e-005
96	0.90	0.15	-5.29e-003	-1.76e-004	4.62e-004	9.45e-005
97	0.91	0.15	-6.10e-003	-1.42e-004	4.37e-004	9.45e-005
98	0.93	0.15	-7.44e-003	-4.06e-004	7.66e-004	9.45e-005
99	0.93	0.19	-1.65e-002	2.85e-004	7.72e-004	9.45e-005
100	0.91	0.19	-1.13e-002	-1.50e-004	8.75e-004	9.45e-005
101	0.90	0.19	-9.68e-003	-2.24e-004	8.19e-004	9.45e-005
102	5.37e-002	2.87e-004	3.93e-004	-8.64e-007	9.33e-004	1.17e-004
103	0.16	5.12e-004	6.32e-004	-3.73e-006	1.28e-003	4.64e-005
104	0.29	6.56e-004	8.42e-004	9.89e-007	1.30e-003	-6.13e-005
105	5.36e-002	3.69e-004	2.60e-004	-2.15e-006	8.96e-004	-2.22e-005
106	0.16	6.37e-004	4.17e-004	-3.10e-006	1.23e-003	-3.06e-005
107	0.28	8.24e-004	5.62e-004	-6.68e-007	1.31e-003	3.61e-005
108	5.32e-002	3.91e-004	2.36e-004	-2.19e-006	9.04e-004	1.96e-005
109	0.16	6.57e-004	3.92e-004	-3.22e-006	1.24e-003	3.75e-005
110	0.28	8.25e-004	5.56e-004	6.05e-007	1.31e-003	4.04e-005
111	5.33e-002	-3.68e-004	2.70e-004	2.68e-006	9.50e-004	-1.20e-004
112	0.16	-6.43e-004	4.49e-004	-3.81e-006	1.30e-003	-6.22e-005
113	0.29	-7.29e-004	6.24e-004	-1.74e-006	1.31e-003	4.57e-005
114	0.40	1.26e-003	5.76e-004	-2.46e-006	1.23e-003	4.90e-005
115	0.40	1.26e-003	5.16e-004	-6.44e-006	1.24e-003	4.90e-005
116	0.40	1.26e-003	5.67e-004	1.08e-006	1.18e-003	4.90e-005
117	0.40	1.26e-003	6.11e-004	-3.14e-006	1.24e-003	4.90e-005
118	0.40	1.26e-003	4.98e-004	-6.42e-006	1.26e-003	4.90e-005
119	0.40	1.26e-003	5.01e-004	1.73e-006	1.23e-003	4.90e-005
120	0.40	1.26e-003	4.26e-004	-4.51e-007	1.21e-003	4.90e-005
121	0.40	1.26e-003	3.82e-004	-4.53e-006	1.24e-003	4.90e-005
122	0.40	1.26e-003	4.14e-004	3.38e-007	1.25e-003	4.90e-005
123	-1.20e-002	3.28e-004	3.54e-004	1.22e-006	7.85e-004	8.63e-005
124	6.75e-002	-4.01e-004	3.36e-004	1.43e-006	9.48e-004	-7.12e-005
125	0.17	-6.47e-004	3.96e-004	-2.20e-006	1.17e-003	-3.73e-005
126	0.29	8.37e-004	4.17e-004	-1.99e-006	1.23e-003	5.00e-005
127	-1.74e-002	3.89e-004	3.91e-004	-4.86e-007	9.00e-004	1.13e-005
128	6.96e-002	4.66e-004	3.96e-004	-8.37e-007	9.78e-004	1.96e-005
129	0.17	6.58e-004	3.86e-004	-1.53e-006	1.13e-003	3.04e-005
130	0.28	9.43e-004	3.81e-004	-3.44e-006	1.22e-003	3.96e-005
131	-1.39e-002	-3.46e-004	3.31e-004	-1.21e-006	7.63e-004	-7.97e-005
132	6.39e-002	4.13e-004	3.18e-004	-1.66e-006	9.28e-004	8.18e-005
133	0.16	6.63e-004	3.74e-004	-2.01e-006	1.17e-003	6.76e-005
134	0.28	8.61e-004	4.21e-004	1.66e-006	1.25e-003	3.81e-005
135	-8.28e-003	1.84e-004	2.81e-004	3.10e-006	5.15e-004	9.07e-005
136	5.47e-002	3.68e-004	3.09e-004	2.39e-006	8.97e-004	-5.90e-005
137	0.16	6.45e-004	4.06e-004	-1.79e-006	1.22e-003	2.05e-005
138	0.28	8.21e-004	5.57e-004	-3.17e-006	1.31e-003	5.21e-005
139	-1.24e-002	2.77e-004	3.41e-004	-1.27e-006	6.13e-004	-1.85e-006
140	5.67e-002	3.75e-004	3.62e-004	-1.15e-006	8.86e-004	6.27e-006
141	0.16	6.37e-004	4.10e-004	-1.53e-006	1.20e-003	2.00e-005
142	0.28	9.08e-004	4.71e-004	-3.39e-006	1.30e-003	3.56e-005
143	-8.25e-003	-2.59e-004	2.56e-004	-2.29e-006	5.19e-004	-9.14e-005
144	5.49e-002	3.44e-004	2.87e-004	-1.54e-006	8.98e-004	5.60e-005
145	0.16	6.30e-004	4.11e-004	-1.78e-006	1.22e-003	2.06e-005
146	0.28	8.00e-004	4.87e-004	2.20e-006	1.31e-003	-5.24e-005
147	-1.03e-002	1.65e-004	3.97e-004	2.80e-006	6.52e-004	8.46e-005
148	6.05e-002	3.67e-004	3.96e-004	2.61e-006	9.07e-004	-9.29e-005
149	0.16	6.30e-004	4.56e-004	-2.18e-006	1.19e-003	-5.39e-005
150	0.28	8.25e-004	5.92e-004	-2.86e-006	1.27e-003	3.50e-005
151	-1.41e-002	-2.84e-004	4.76e-004	-8.74e-007	7.88e-004	-8.68e-006
152	6.54e-002	3.63e-004	4.91e-004	-1.04e-006	9.32e-004	-1.87e-005
153	0.16	5.81e-004	4.92e-004	-1.64e-006	1.15e-003	-3.03e-005
154	0.28	8.87e-004	5.05e-004	-3.96e-006	1.24e-003	3.97e-005
155	-9.22e-003	-3.04e-004	4.15e-004	-1.55e-006	6.71e-004	-8.45e-005
156	6.32e-002	2.89e-004	4.11e-004	-4.81e-007	9.26e-004	7.98e-005
157	0.17	5.26e-004	5.38e-004	-2.27e-006	1.19e-003	2.84e-005
158	0.28	7.17e-004	5.37e-004	1.77e-006	1.25e-003	-6.66e-005
159	1.51	-0.57	1.79e-002	-2.88e-004	6.94e-004	1.54e-004

160	1.51	-0.52	1.53e-002	-2.41e-004	4.79e-004	1.54e-004
161	1.51	-0.48	-2.53e-002	-1.22e-004	7.31e-004	1.54e-004
162	1.52	-0.57	1.67e-003	-1.74e-004	1.13e-003	1.54e-004
163	1.52	-0.52	1.19e-003	-1.88e-004	1.36e-003	1.54e-004
164	1.52	-0.48	-3.58e-003	6.26e-005	1.09e-003	1.54e-004
165	1.53	-0.57	1.63e-002	-1.81e-004	5.46e-004	1.54e-004
166	1.53	-0.52	1.08e-002	-1.71e-004	3.43e-004	1.54e-004
167	1.53	-0.48	-2.75e-002	-6.48e-005	5.20e-004	1.54e-004
168	1.54	-0.57	5.44e-003	-1.62e-004	1.40e-003	1.54e-004
169	1.54	-0.52	3.50e-003	-1.74e-004	1.28e-003	1.54e-004
170	1.54	-0.48	-3.20e-003	-3.34e-005	9.15e-004	1.54e-004
171	1.55	-0.57	2.15e-002	-1.47e-004	6.42e-004	1.54e-004
172	1.55	-0.52	5.55e-003	-2.02e-004	1.70e-004	1.54e-004
173	1.55	-0.48	-1.31e-002	1.19e-004	2.09e-004	1.54e-004
174	1.57	-0.57	2.05e-002	-1.76e-004	5.40e-004	1.54e-004
175	1.57	-0.52	4.18e-003	-2.48e-004	2.10e-004	1.54e-004
176	1.57	-0.48	-1.22e-002	-1.47e-004	3.85e-004	1.54e-004
177	1.59	-0.57	2.33e-002	-3.08e-004	4.36e-004	1.54e-004
178	1.59	-0.52	1.66e-003	-3.89e-004	2.09e-004	1.54e-004
179	1.59	-0.48	-1.62e-002	-2.94e-004	2.38e-004	1.54e-004
180	1.55	0.42	-1.74e-003	-3.78e-004	2.27e-004	1.54e-004
181	1.57	0.42	-2.93e-003	-6.29e-004	3.48e-004	1.54e-004
182	1.59	0.42	-2.32e-003	-5.32e-004	2.87e-004	1.54e-004
183	1.54	0.35	1.66e-002	2.03e-004	4.39e-004	1.54e-004
184	1.54	0.31	-4.35e-003	4.46e-004	2.71e-004	1.54e-004
185	1.54	0.29	8.24e-003	4.03e-004	2.59e-004	1.54e-004
186	1.55	0.35	2.20e-003	1.47e-004	2.34e-004	1.54e-004
187	1.57	0.35	8.54e-004	-1.04e-004	3.62e-004	1.54e-004
188	1.59	0.35	2.64e-003	-2.65e-004	2.89e-004	1.54e-004
189	1.55	0.31	-4.54e-004	3.99e-004	2.30e-004	1.54e-004
190	1.57	0.31	6.40e-004	5.68e-004	3.74e-004	1.54e-004
191	1.59	0.31	-2.33e-003	5.49e-004	2.99e-004	1.54e-004
192	1.55	0.29	4.28e-003	3.97e-004	2.76e-004	1.54e-004
193	1.57	0.29	2.77e-003	4.48e-004	3.89e-004	1.54e-004
194	1.59	0.29	7.76e-003	5.57e-004	2.64e-004	1.54e-004
195	1.54	0.30	-1.75e-002	1.25e-004	4.79e-004	1.54e-004
196	1.55	0.30	-5.90e-003	9.83e-005	2.80e-004	1.54e-004
197	1.57	0.30	-7.17e-003	1.25e-004	4.04e-004	1.54e-004
198	1.59	0.30	-8.95e-003	2.82e-004	5.53e-004	1.54e-004
199	1.59	0.35	-2.06e-002	2.75e-004	5.81e-004	1.54e-004
200	1.57	0.35	-1.54e-002	2.29e-004	5.09e-004	1.54e-004
201	1.55	0.35	-1.12e-002	2.72e-004	5.89e-004	1.54e-004
202	1.57	-0.51	-6.98e-003	-1.50e-004	4.58e-005	1.54e-004
203	1.57	-0.50	-8.61e-003	-1.15e-004	4.39e-005	1.54e-004
204	1.57	-0.50	-9.99e-003	-9.88e-005	4.99e-005	1.54e-004
205	1.57	-0.49	-1.07e-002	-9.87e-005	1.20e-005	1.54e-004
206	1.57	-0.47	-1.38e-002	-2.17e-004	1.97e-005	1.54e-004
207	1.57	-0.46	-1.17e-002	-4.13e-004	-1.76e-005	1.54e-004
208	1.57	-0.44	-7.92e-003	-5.56e-004	-2.36e-005	1.54e-004
209	1.57	0.43	-4.41e-003	-6.28e-004	5.40e-006	1.54e-004
210	1.57	0.40	-2.76e-003	-6.51e-004	8.62e-006	1.54e-004
211	1.57	0.39	-7.36e-004	-5.93e-004	-1.19e-005	1.54e-004
212	1.57	0.38	1.82e-003	-4.50e-004	-7.17e-006	1.54e-004
213	1.57	0.37	2.72e-003	-2.37e-004	2.24e-005	1.54e-004
214	1.57	0.35	-1.84e-003	-1.57e-004	2.68e-005	1.54e-004
215	1.57	0.34	-1.39e-003	-3.26e-004	-1.62e-006	1.54e-004
216	1.57	0.33	5.84e-004	4.61e-004	-3.99e-006	1.54e-004
217	1.57	0.32	1.31e-003	5.45e-004	1.99e-005	1.54e-004
218	1.57	0.31	5.17e-004	6.36e-004	1.14e-005	1.54e-004
219	1.57	0.30	2.85e-003	6.58e-004	-1.28e-005	1.54e-004
220	1.57	0.30	5.49e-003	-6.15e-004	-6.66e-006	1.54e-004
221	1.57	0.29	6.31e-003	5.15e-004	2.88e-005	1.54e-004
222	1.57	0.29	-1.32e-003	3.91e-004	4.05e-005	1.54e-004
223	1.57	0.29	-2.06e-003	3.34e-004	1.28e-005	1.54e-004
224	1.57	0.29	-2.26e-003	2.53e-004	1.40e-005	1.54e-004

225	1.57	0.30	-3.25e-003	1.55e-004	4.46e-005	1.54e-004
226	1.57	0.30	-1.08e-002	1.70e-004	-3.81e-006	1.54e-004
227	1.57	0.31	-7.39e-003	2.79e-004	-1.96e-005	1.54e-004
228	1.57	0.32	-3.66e-003	3.31e-004	-7.03e-006	1.54e-004
229	1.57	0.33	-4.12e-003	3.20e-004	3.36e-005	1.54e-004
230	1.57	0.30	-2.15e-003	2.96e-004	7.62e-006	1.64e-004
231	1.57	0.30	-2.26e-003	2.53e-004	1.30e-005	1.65e-004
232	1.57	0.30	-2.52e-003	2.04e-004	1.24e-005	1.66e-004
233	1.57	0.30	-3.27e-003	1.53e-004	4.10e-005	1.65e-004
234	1.57	0.30	-3.92e-003	1.08e-004	-1.77e-005	1.63e-004
235	1.57	0.30	-7.22e-003	8.25e-005	6.32e-005	1.60e-004
236	1.57	0.32	8.81e-004	3.93e-004	2.34e-005	1.67e-004
237	1.57	0.32	-1.28e-003	3.84e-004	2.89e-005	1.68e-004
238	1.57	0.31	-1.86e-003	3.62e-004	1.08e-005	1.71e-004
239	1.57	0.31	-2.05e-003	3.33e-004	9.77e-006	1.74e-004
240	1.57	0.31	-2.15e-003	2.96e-004	6.89e-006	1.77e-004
241	1.57	0.31	-2.27e-003	2.53e-004	1.10e-005	1.80e-004
242	1.57	0.31	-2.54e-003	2.04e-004	1.29e-005	1.82e-004
243	1.57	0.30	-3.30e-003	1.50e-004	3.32e-005	1.82e-004
244	1.57	0.30	-4.28e-003	9.46e-005	2.69e-005	1.76e-004
245	1.57	0.30	-7.27e-003	5.56e-005	6.08e-005	1.66e-004
246	1.57	0.33	9.49e-004	3.84e-004	2.24e-005	1.68e-004
247	1.57	0.33	-1.30e-003	3.81e-004	1.55e-005	1.74e-004
248	1.57	0.32	-1.83e-003	3.62e-004	6.41e-006	1.80e-004
249	1.57	0.32	-2.04e-003	3.33e-004	3.34e-006	1.86e-004
250	1.57	0.32	-2.15e-003	2.96e-004	2.86e-006	1.92e-004
251	1.57	0.32	-2.28e-003	2.53e-004	4.12e-006	1.98e-004
252	1.57	0.31	-2.57e-003	2.03e-004	8.39e-006	2.03e-004
253	1.57	0.31	-3.28e-003	1.49e-004	1.91e-005	2.04e-004
254	1.57	0.31	-4.58e-003	8.96e-005	2.62e-005	1.95e-004
255	1.57	0.31	-7.34e-003	-4.14e-005	1.60e-004	1.71e-004
256	1.57	0.30	-1.04e-002	9.27e-005	-2.20e-005	1.62e-004
257	1.57	0.31	-1.07e-002	1.28e-004	3.05e-005	1.64e-004
258	1.57	0.31	-1.08e-002	1.70e-004	-3.83e-006	1.64e-004
259	1.57	0.31	-1.00e-002	2.11e-004	-8.13e-006	1.63e-004
260	1.57	0.32	-8.84e-003	2.48e-004	-1.78e-005	1.62e-004
261	1.57	0.32	-7.39e-003	2.79e-004	-2.04e-005	1.60e-004
262	1.57	0.32	-5.91e-003	3.03e-004	-2.03e-005	1.59e-004
263	1.57	0.33	-4.59e-003	3.21e-004	-1.61e-005	1.57e-004
264	1.57	0.33	-3.66e-003	3.31e-004	-7.87e-006	1.56e-004
265	1.57	0.34	-3.22e-003	3.35e-004	3.77e-006	1.55e-004
266	1.57	-0.52	4.16e-003	-1.45e-004	8.27e-005	1.66e-004
267	1.57	-0.52	-7.15e-003	-1.27e-004	3.22e-005	1.77e-004
268	1.57	-0.51	-8.62e-003	-1.07e-004	4.27e-005	1.67e-004
269	1.57	-0.50	-1.00e-002	-9.33e-005	4.51e-005	1.61e-004
270	1.57	-0.49	-1.03e-002	-8.42e-005	-2.79e-005	1.53e-004
271	1.57	-0.49	-1.24e-002	-7.83e-005	4.61e-005	1.52e-004
272	1.57	-0.53	4.17e-003	-7.67e-005	7.73e-005	1.71e-004
273	1.57	-0.52	-7.03e-003	-8.80e-005	4.76e-005	1.77e-004
274	1.57	-0.51	-8.60e-003	-9.34e-005	4.00e-005	1.72e-004
275	1.57	-0.50	-1.00e-002	-8.31e-005	3.49e-005	1.70e-004
276	1.57	-0.50	-1.09e-002	-6.09e-005	2.71e-005	1.63e-004
277	1.57	-0.49	-1.24e-002	-3.69e-005	2.67e-005	1.53e-004
278	1.57	-0.53	4.18e-003	-3.34e-005	1.02e-004	1.73e-004
279	1.57	-0.52	-6.88e-003	-7.17e-005	4.00e-005	1.66e-004
280	1.57	-0.51	-8.61e-003	-8.62e-005	2.87e-005	1.73e-004
281	1.57	-0.51	-9.93e-003	-7.79e-005	2.03e-005	1.79e-004
282	1.57	-0.50	-1.10e-002	-5.17e-005	1.98e-005	1.80e-004
283	1.57	-0.49	-1.25e-002	-1.96e-005	3.94e-005	1.62e-004
284	1.57	-0.48	-1.40e-002	-1.34e-004	3.48e-006	1.54e-004
285	1.57	0.34	-3.34e-003	3.31e-004	2.17e-005	1.53e-004
286	1.57	0.34	-4.14e-003	3.21e-004	3.41e-005	1.52e-004
287	1.57	-0.46	-1.31e-002	-3.18e-004	-1.62e-005	1.54e-004
288	1.57	-0.45	-9.88e-003	-4.93e-004	-2.58e-005	1.54e-004
289	1.57	0.35	-6.21e-003	3.03e-004	7.83e-005	1.52e-004

290	1.57	0.35	-8.88e-003	2.81e-004	2.87e-005	1.54e-004
291	1.57	0.44	-5.96e-003	-6.01e-004	-2.83e-005	1.54e-004
292	1.57	0.42	-3.06e-003	-6.37e-004	-2.34e-005	1.54e-004
293	1.57	0.35	-1.51e-002	2.57e-004	1.39e-004	1.62e-004
294	1.57	0.41	-3.39e-003	-6.49e-004	-7.01e-006	1.54e-004
295	1.57	0.31	-1.01e-002	7.93e-005	1.98e-005	1.72e-004
296	1.57	0.31	-1.06e-002	1.25e-004	2.21e-005	1.77e-004
297	1.57	0.40	-1.91e-003	-6.33e-004	-1.65e-005	1.54e-004
298	1.57	0.38	8.02e-004	-5.31e-004	-1.37e-005	1.54e-004
299	1.57	0.32	-1.07e-002	1.70e-004	-3.42e-006	1.77e-004
300	1.57	0.32	-9.99e-003	2.11e-004	-1.03e-005	1.75e-004
301	1.57	0.37	2.62e-003	-3.49e-004	-6.76e-006	1.54e-004
302	1.57	0.36	2.29e-003	-1.33e-004	1.32e-005	1.54e-004
303	1.56	0.32	-8.83e-003	2.48e-004	-1.89e-005	1.71e-004
304	1.57	-0.48	-1.44e-002	-1.20e-004	-3.89e-005	1.26e-004
305	1.57	-0.48	-1.38e-002	-2.15e-004	1.54e-005	1.15e-004
306	1.57	-0.47	-1.31e-002	-3.18e-004	-1.56e-005	1.16e-004
307	1.57	0.47	-1.17e-002	-4.13e-004	-1.87e-005	1.20e-004
308	1.56	0.47	-9.88e-003	-4.93e-004	-2.64e-005	1.26e-004
309	1.56	0.46	-7.92e-003	-5.56e-004	-2.48e-005	1.33e-004
310	1.57	0.46	-5.97e-003	-6.01e-004	-2.76e-005	1.41e-004
311	1.57	0.45	-4.42e-003	-6.29e-004	-6.28e-006	1.49e-004
312	1.57	0.45	-2.60e-003	-6.40e-004	-6.38e-005	1.55e-004
313	1.57	0.44	-3.05e-003	-6.44e-004	1.51e-005	1.54e-004
314	1.57	-0.49	-1.39e-002	-1.01e-004	1.38e-005	1.01e-004
315	1.57	-0.48	-1.37e-002	-2.11e-004	5.93e-006	1.02e-004
316	1.57	0.49	-1.31e-002	-3.18e-004	-1.49e-005	1.04e-004
317	1.56	0.49	-1.17e-002	-4.13e-004	-2.08e-005	1.05e-004
318	1.56	0.48	-9.87e-003	-4.93e-004	-2.71e-005	1.10e-004
319	1.56	0.48	-7.92e-003	-5.56e-004	-2.69e-005	1.19e-004
320	1.56	0.48	-5.99e-003	-6.02e-004	-2.68e-005	1.30e-004
321	1.56	0.47	-4.47e-003	-6.30e-004	-1.42e-005	1.43e-004
322	1.57	0.47	-3.20e-003	-6.45e-004	-9.61e-006	1.54e-004
323	1.57	0.46	-3.11e-003	-6.50e-004	-4.45e-006	1.53e-004
324	1.57	-0.49	-1.36e-002	-9.32e-005	1.05e-005	1.05e-004
325	1.57	0.49	-1.37e-002	-2.09e-004	-8.37e-006	1.30e-004
326	1.56	0.50	-1.30e-002	-3.18e-004	-1.93e-005	1.27e-004
327	1.56	0.50	-1.16e-002	-4.14e-004	-2.86e-005	1.18e-004
328	1.56	0.50	-9.86e-003	-4.93e-004	-3.42e-005	1.11e-004
329	1.56	0.50	-7.92e-003	-5.56e-004	-3.47e-005	1.12e-004
330	1.56	0.50	-6.02e-003	-6.02e-004	-3.13e-005	1.22e-004
331	1.56	0.50	-4.44e-003	-6.31e-004	-2.65e-005	1.38e-004
332	1.57	0.49	-3.41e-003	-6.47e-004	-1.42e-005	1.52e-004
333	1.57	0.48	-3.13e-003	-6.52e-004	-5.30e-006	1.52e-004
334	1.57	0.43	-4.06e-003	-6.51e-004	-5.94e-005	1.51e-004
335	1.57	0.43	-2.79e-003	-6.52e-004	4.23e-006	1.58e-004
336	1.57	0.42	-1.90e-003	-6.33e-004	-1.55e-005	1.67e-004
337	1.57	0.41	-7.36e-004	-5.93e-004	-1.28e-005	1.77e-004
338	1.57	0.40	8.00e-004	-5.32e-004	-1.42e-005	1.86e-004
339	1.57	0.39	1.82e-003	-4.50e-004	-8.02e-006	1.94e-004
340	1.57	0.38	2.60e-003	-3.50e-004	-6.00e-006	2.02e-004
341	1.57	0.37	2.75e-003	-2.37e-004	1.81e-005	2.04e-004
342	1.57	0.36	2.94e-003	-1.26e-004	-3.89e-005	1.94e-004
343	1.57	0.36	9.01e-004	5.89e-005	3.88e-005	1.64e-004
344	1.57	0.46	-3.49e-003	-6.56e-004	2.72e-006	1.50e-004
345	1.57	0.45	-2.72e-003	-6.53e-004	-2.60e-006	1.63e-004
346	1.57	0.44	-1.89e-003	-6.33e-004	-1.48e-005	1.81e-004
347	1.56	0.43	-7.38e-004	-5.93e-004	-1.42e-005	2.00e-004
348	1.56	0.42	7.97e-004	-5.31e-004	-1.44e-005	2.20e-004
349	1.57	0.41	1.81e-003	-4.50e-004	-9.37e-006	-2.38e-004
350	1.57	0.40	2.58e-003	-3.50e-004	-5.29e-006	-2.54e-004
351	1.57	0.38	2.68e-003	-2.35e-004	1.34e-005	-2.62e-004
352	1.57	0.37	2.43e-003	-1.15e-004	1.83e-005	2.45e-004
353	1.57	0.36	9.35e-004	2.51e-005	2.61e-005	1.74e-004
354	1.57	0.48	-3.26e-003	-6.58e-004	-4.64e-006	1.51e-004

355	1.57	0.47	-2.78e-003	-6.54e-004	-1.50e-005	1.69e-004
356	1.56	0.46	-1.87e-003	-6.34e-004	-1.71e-005	1.95e-004
357	1.56	0.45	-7.35e-004	-5.93e-004	-1.88e-005	-2.25e-004
358	1.56	0.44	7.91e-004	-5.32e-004	-1.88e-005	-2.55e-004
359	1.56	0.42	1.80e-003	-4.50e-004	-1.40e-005	-2.84e-004
360	1.57	0.41	2.56e-003	-3.50e-004	-7.80e-006	-3.09e-004
361	1.57	0.39	2.72e-003	-2.34e-004	-1.32e-006	-3.21e-004
362	1.57	0.37	2.17e-003	-1.10e-004	1.49e-005	-2.99e-004
363	1.57	0.36	9.61e-004	2.56e-006	4.11e-005	1.86e-004
364	1.57	0.35	-1.60e-003	-9.06e-005	3.32e-006	1.54e-004
365	1.56	0.33	-7.39e-003	2.79e-004	-2.18e-005	1.68e-004
366	1.56	0.33	-5.91e-003	3.03e-004	-2.16e-005	1.64e-004
367	1.57	0.34	-1.86e-003	-2.43e-004	-3.06e-006	1.54e-004
368	1.57	0.33	8.28e-004	-4.00e-004	-7.23e-006	1.54e-004
369	1.57	0.34	-4.61e-003	3.21e-004	-1.74e-005	1.61e-004
370	1.57	0.34	-3.68e-003	3.31e-004	-9.29e-006	1.58e-004
371	1.57	0.32	1.03e-003	5.10e-004	-8.98e-006	1.54e-004
372	1.57	0.32	1.57e-003	5.65e-004	-9.80e-006	1.54e-004
373	1.57	0.35	-3.25e-003	3.34e-004	2.87e-006	1.55e-004
374	1.57	0.35	-3.37e-003	3.31e-004	1.94e-005	1.52e-004
375	1.57	0.31	1.76e-004	6.05e-004	-6.88e-006	1.54e-004
376	1.57	0.30	1.44e-003	6.55e-004	-1.73e-005	1.54e-004
377	1.57	0.35	-4.19e-003	3.20e-004	3.49e-005	1.51e-004
378	1.57	0.36	-6.29e-003	3.03e-004	6.68e-005	1.51e-004
379	1.57	0.30	4.27e-003	-6.45e-004	-1.48e-005	1.54e-004
380	1.57	0.30	6.33e-003	5.70e-004	-4.56e-006	1.54e-004
381	1.57	0.36	-9.43e-003	2.81e-004	7.28e-005	1.56e-004
382	1.57	0.36	-1.49e-002	2.55e-004	1.02e-004	1.73e-004
383	1.57	0.29	5.50e-003	4.62e-004	1.90e-005	1.54e-004
384	1.57	0.35	-2.00e-003	-8.04e-005	-3.36e-005	1.43e-004
385	1.57	0.35	-1.83e-003	-1.56e-004	2.28e-005	1.37e-004
386	1.57	0.35	-1.84e-003	-2.43e-004	-2.32e-006	1.37e-004
387	1.57	0.35	-1.39e-003	-3.26e-004	-2.31e-006	1.39e-004
388	1.57	0.34	8.27e-004	-4.00e-004	-7.59e-006	1.41e-004
389	1.57	0.34	5.84e-004	4.62e-004	-4.88e-006	1.44e-004
390	1.57	0.34	1.02e-003	5.10e-004	-7.93e-006	1.47e-004
391	1.57	0.34	1.30e-003	5.46e-004	1.54e-005	1.50e-004
392	1.57	0.34	2.03e-003	5.68e-004	-4.88e-005	1.53e-004
393	1.57	0.33	6.21e-004	5.83e-004	2.60e-005	1.53e-004
394	1.57	0.36	-1.51e-003	-6.66e-005	1.69e-005	1.35e-004
395	1.57	0.36	-1.79e-003	-1.54e-004	1.35e-005	1.39e-004
396	1.57	0.36	-1.82e-003	-2.43e-004	-1.55e-006	1.41e-004
397	1.57	0.36	-1.39e-003	-3.27e-004	-4.03e-006	1.40e-004
398	1.57	0.36	8.25e-004	-4.00e-004	-7.98e-006	1.40e-004
399	1.57	0.36	5.84e-004	4.62e-004	-6.78e-006	1.41e-004
400	1.57	0.36	1.01e-003	5.11e-004	-6.75e-006	1.44e-004
401	1.57	0.36	1.26e-003	5.47e-004	4.90e-006	1.47e-004
402	1.57	0.35	1.39e-003	5.73e-004	7.95e-006	1.52e-004
403	1.57	0.35	6.03e-004	5.89e-004	6.60e-006	1.53e-004
404	1.57	0.36	-1.32e-003	-6.10e-005	1.48e-005	1.41e-004
405	1.57	0.36	-1.80e-003	-1.53e-004	3.32e-006	1.61e-004
406	1.57	0.36	-1.79e-003	-2.44e-004	-3.94e-006	1.64e-004
407	1.57	0.37	-1.37e-003	-3.27e-004	-9.75e-006	1.59e-004
408	1.57	0.37	8.21e-004	-4.00e-004	-1.31e-005	1.52e-004
409	1.57	0.37	5.82e-004	4.62e-004	-1.26e-005	1.47e-004
410	1.57	0.37	9.75e-004	5.11e-004	-9.09e-006	1.46e-004
411	1.57	0.37	1.29e-003	5.48e-004	-5.75e-006	1.47e-004
412	1.57	0.37	1.18e-003	5.75e-004	5.33e-006	1.51e-004
413	1.57	0.37	6.07e-004	5.91e-004	5.53e-006	1.53e-004
414	1.57	0.33	-7.66e-004	6.07e-004	-5.71e-005	1.54e-004
415	1.57	0.33	5.05e-004	6.37e-004	6.61e-006	1.56e-004
416	1.57	0.32	1.45e-003	6.56e-004	-1.65e-005	1.59e-004
417	1.57	0.32	2.85e-003	6.59e-004	-1.40e-005	1.62e-004
418	1.57	0.32	4.26e-003	-6.45e-004	-1.56e-005	1.66e-004
419	1.57	0.32	5.48e-003	-6.15e-004	-7.79e-006	1.70e-004

420	1.57	0.31	6.32e-003	5.70e-004	-4.51e-006	1.73e-004
421	1.57	0.31	6.30e-003	5.13e-004	2.61e-005	1.74e-004
422	1.57	0.31	6.18e-003	4.55e-004	-2.83e-005	1.70e-004
423	1.57	0.31	2.84e-003	4.23e-004	5.64e-005	1.59e-004
424	1.57	0.35	1.84e-004	6.12e-004	3.96e-006	1.56e-004
425	1.57	0.35	5.65e-004	6.39e-004	-1.23e-006	1.60e-004
426	1.57	0.35	1.47e-003	6.56e-004	-1.57e-005	1.65e-004
427	1.56	0.34	2.85e-003	6.59e-004	-1.58e-005	1.71e-004
428	1.57	0.34	4.26e-003	-6.45e-004	-1.61e-005	1.78e-004
429	1.57	0.33	5.47e-003	-6.15e-004	-9.37e-006	1.87e-004
430	1.57	0.33	6.29e-003	5.70e-004	-4.09e-006	1.95e-004
431	1.57	0.33	6.24e-003	5.11e-004	2.06e-005	1.99e-004
432	1.57	0.32	5.76e-003	4.42e-004	1.81e-005	1.92e-004
433	1.57	0.32	2.88e-003	3.92e-004	5.25e-005	1.64e-004
434	1.57	0.37	1.78e-004	6.14e-004	-1.68e-006	1.61e-004
435	1.57	0.37	5.18e-004	6.40e-004	-1.55e-005	1.66e-004
436	1.56	0.37	1.49e-003	6.57e-004	-1.97e-005	1.71e-004
437	1.56	0.36	2.86e-003	6.59e-004	-2.26e-005	1.79e-004
438	1.56	0.36	4.25e-003	-6.45e-004	-2.25e-005	1.90e-004
439	1.57	0.35	5.45e-003	-6.15e-004	-1.61e-005	2.04e-004
440	1.57	0.35	6.25e-003	5.70e-004	-8.45e-006	2.19e-004
441	1.57	0.34	6.27e-003	5.09e-004	5.34e-006	2.28e-004
442	1.57	0.33	5.37e-003	4.36e-004	1.98e-005	2.20e-004
443	1.57	0.33	2.90e-003	3.50e-004	1.33e-004	-1.67e-004
444	1.57	0.29	8.81e-004	4.18e-004	1.59e-005	1.54e-004
445	1.57	0.29	-1.89e-003	3.65e-004	1.02e-005	1.54e-004
446	1.57	0.29	-2.15e-003	2.96e-004	8.20e-006	1.54e-004
447	1.57	0.29	-2.51e-003	2.05e-004	1.23e-005	1.54e-004
448	1.57	0.30	-4.40e-003	1.17e-004	1.90e-005	1.54e-004
449	1.57	0.31	-9.72e-003	7.42e-005	1.92e-005	1.85e-004
450	1.57	0.31	-1.06e-002	1.23e-004	8.29e-006	-1.95e-004
451	1.57	0.32	-1.07e-002	1.69e-004	-8.32e-006	-1.94e-004
452	1.57	0.33	-9.96e-003	2.11e-004	-1.81e-005	-1.89e-004
453	1.56	0.33	-8.81e-003	2.48e-004	-2.63e-005	-1.83e-004
454	1.57	0.30	-9.96e-003	1.02e-004	1.21e-005	1.54e-004
455	1.57	0.30	-1.07e-002	1.30e-004	3.42e-005	1.54e-004
456	1.56	0.34	-7.38e-003	2.79e-004	-2.95e-005	1.77e-004
457	1.56	0.34	-5.92e-003	3.03e-004	-2.92e-005	1.71e-004
458	1.56	0.35	-4.63e-003	3.21e-004	-2.50e-005	1.65e-004
459	1.57	0.35	-3.71e-003	3.31e-004	-1.69e-005	1.59e-004
460	1.57	0.31	-1.00e-002	2.11e-004	-7.14e-006	1.54e-004
461	1.57	0.31	-8.85e-003	2.48e-004	-1.70e-005	1.54e-004
462	1.57	0.32	-5.91e-003	3.03e-004	-1.95e-005	1.54e-004
463	1.57	0.32	-4.59e-003	3.21e-004	-1.53e-005	1.54e-004
464	1.57	0.36	-3.28e-003	3.34e-004	-5.49e-006	1.55e-004
465	1.57	0.36	-3.42e-003	3.31e-004	1.15e-005	1.52e-004
466	1.57	0.36	-4.27e-003	3.20e-004	3.05e-005	1.50e-004
467	1.57	0.36	-6.34e-003	3.03e-004	5.50e-005	1.52e-004
468	1.57	0.33	-3.22e-003	3.35e-004	4.40e-006	1.54e-004
469	1.57	0.33	-3.33e-003	3.31e-004	2.28e-005	1.54e-004
470	1.57	0.34	-6.17e-003	3.03e-004	8.32e-005	1.54e-004
471	1.57	0.34	-9.25e-003	2.79e-004	6.23e-005	1.54e-004
472	1.58	0.37	-9.79e-003	2.78e-004	7.54e-005	1.61e-004
473	1.58	0.37	-1.50e-002	2.23e-004	1.77e-004	1.88e-004
474	1.57	0.30	9.52e-004	4.10e-004	-2.11e-005	1.62e-004
475	1.57	0.30	-1.30e-003	3.89e-004	3.70e-005	1.61e-004
476	1.57	0.30	-1.88e-003	3.64e-004	1.03e-005	1.62e-004
477	1.57	0.30	-2.06e-003	3.34e-004	1.18e-005	1.63e-004
478	1.72	-0.50	-1.68e-002	3.41e-005	1.04e-004	2.74e-004
479	1.73	-0.58	-2.53e-003	6.71e-004	7.94e-005	-1.25e-004
480	1.73	0.36	3.04e-003	6.94e-005	1.16e-004	2.49e-004
481	1.73	0.49	-2.35e-003	7.56e-004	9.17e-005	-2.35e-004
482	1.74	0.46	7.86e-003	7.16e-004	1.08e-004	3.27e-004
483	1.73	0.31	-9.57e-003	-3.20e-005	1.95e-004	2.51e-004
484	1.74	0.37	-2.13e-002	-1.37e-005	2.03e-004	2.43e-004

485	1.59	0.36	1.71e-002	2.53e-005	1.61e-004	-1.46e-004
486	1.59	0.38	-4.29e-003	4.17e-004	8.07e-005	1.48e-004
487	1.59	0.34	8.51e-003	-2.83e-004	1.28e-004	1.98e-004
488	1.62	0.36	3.07e-003	-9.01e-005	2.23e-004	-1.73e-004
489	1.62	0.31	-7.51e-003	-5.92e-005	1.36e-004	-1.69e-004
490	1.62	0.40	-1.53e-002	1.14e-004	2.07e-004	-1.84e-004
491	1.67	0.40	-1.13e-002	9.76e-005	2.08e-004	-2.08e-004
492	1.67	0.31	-6.24e-003	-1.55e-005	1.41e-004	-1.63e-004
493	1.62	0.36	8.70e-003	-1.19e-004	1.59e-004	2.26e-004
494	1.67	0.36	4.82e-003	-6.59e-005	2.40e-004	-1.58e-004
495	1.62	0.31	-1.76e-002	1.01e-004	1.26e-004	2.11e-004
496	1.72	-0.64	2.51e-002	1.41e-004	2.11e-004	1.75e-004
497	1.72	-0.58	1.65e-003	1.72e-004	1.07e-004	2.79e-004
498	1.54	-0.63	1.91e-002	1.28e-004	-6.68e-005	3.70e-004
499	1.75	-0.63	1.93e-003	7.30e-005	6.62e-004	-1.86e-004
500	1.56	-0.63	1.80e-002	7.97e-005	-6.88e-005	-2.76e-004
501	1.92	-0.63	5.95e-003	6.47e-005	-1.81e-003	5.91e-004
502	1.93	-0.63	2.12e-002	-5.20e-005	-2.21e-003	2.52e-004
503	1.87	-0.63	2.05e-002	8.37e-005	1.78e-003	4.22e-004
504	1.53	-0.53	1.62e-002	-8.73e-005	8.17e-005	1.96e-004
505	1.65	-0.53	1.27e-003	-5.36e-005	1.14e-003	-1.48e-004
506	1.55	-0.53	1.16e-002	-5.43e-005	1.06e-004	1.89e-004
507	1.66	-0.53	3.49e-003	-5.55e-005	1.07e-003	1.49e-004
508	1.59	-0.53	5.49e-003	-3.81e-005	4.41e-004	-2.13e-004
509	1.59	0.30	-1.76e-002	-4.60e-005	1.83e-004	1.66e-004
510	0.40	4.57e-002	0.00	0.00	0.00	4.90e-005
511	0.90	0.17	0.00	0.00	0.00	9.45e-005
512	1.56	0.36	0.00	0.00	0.00	1.54e-004

SFORZI "Dinamica SLDh X" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	3129.82	229.00	-177.56	7700.15	32260.45	54784.20
	509	-3129.82	-229.00	177.56	-7700.15	43282.28	42616.64
2	255	-6278.38	260.63	-316.43	-14434.25	47896.42	33356.39
	196	6278.38	-260.63	316.43	14434.25	52816.91	49546.20
3	487	-1314.42	-765.85	56.15	20818.88	-12515.63	-191337.84
	509	1314.42	765.85	-56.15	-20818.88	-18412.67	-227966.66
4	509	179.72	-1037.47	1248.61	-26027.96	-97362.75	-40768.70
	495	-179.72	1037.47	-1248.61	26027.96	-52501.71	-83795.14
5	195	840.47	-1019.94	-1330.13	7511.41	125222.06	14317.83
	509	-840.47	1019.94	1330.13	-7511.41	74827.97	-165138.37
6	403	-37.80	964.63	-122.29	6959.10	4882.05	18291.02
	413	37.80	-964.63	122.29	-6959.10	-709.81	15471.26
7	393	186.32	4015.05	-188.38	9701.70	13419.24	95280.80
	403	-186.32	-4015.05	188.38	-9701.70	-6850.01	45245.86
8	190	210.54	12172.61	-298.92	10562.04	26984.78	660492.12
	393	-210.54	-12172.61	298.92	-10562.04	-16534.36	-234450.68
9	353	-632.31	1179.55	-154.46	-22972.69	30004.37	2228.97
	363	632.31	-1179.55	154.46	22972.69	-35018.81	39967.73
10	343	-358.62	4024.16	-131.58	-18503.36	-41726.25	86860.42
	353	358.62	-4024.16	131.58	18503.36	45846.70	53990.75
11	187	-500.73	11462.96	-150.96	-17362.84	-61274.84	616734.71
	343	500.73	-11462.96	150.96	17362.84	56474.97	-215532.00
12	323	140.73	970.86	-76.92	2167.97	3722.43	18688.08
	333	-140.73	-970.86	76.92	-2167.97	-1086.20	15292.75
13	313	634.95	3864.98	-138.70	3059.09	11210.21	89325.71

	323	-634.95	-3864.98	138.70	-3059.09	-6372.86	45948.91
14	181	1111.82	11535.86	-239.43	3319.71	23258.19	630985.14
	313	-1111.82	-11535.86	239.43	-3319.71	-14885.81	-227230.31
15	277	-656.61	1078.33	218.19	-18800.21	-34070.91	2936.47
	283	656.61	-1078.33	-218.19	18800.21	-27084.08	35414.24
16	271	779.82	3969.74	274.57	-10138.93	-60298.00	94760.80
	277	-779.82	-3969.74	-274.57	10138.93	50811.25	44184.50
17	176	1356.27	12047.61	663.43	-8729.98	-100644.14	647400.54
	271	-1356.27	-12047.61	-663.43	8729.98	77447.32	-225736.93
18	272	-522.66	291.79	-930.59	6806.22	-67006.56	-35466.85
	278	522.66	-291.79	930.59	-6806.22	58680.89	30312.17
19	266	390.78	2091.32	-1009.80	7586.05	-103818.47	46643.54
	272	-390.78	-2091.32	1009.80	-7586.05	75340.68	29338.28
20	175	504.11	4743.79	-1364.83	15771.03	-161032.72	248544.04
	266	-504.11	-4743.79	1364.83	-15771.03	115206.59	-82816.15
21	508	1911.38	341.27	-41.77	-33988.46	-11013.76	52368.01
	278	-1911.38	-341.27	41.77	33988.46	21055.65	50066.08
22	506	5530.28	337.15	206.49	6520.20	-49192.16	79829.40
	500	-5530.28	-337.15	-206.49	-6520.20	-46731.49	62792.81
23	167	9728.30	1864.00	-92.24	-5057.04	18104.79	395669.66
	506	-9728.30	-1864.00	92.24	5057.04	10955.23	144365.26
24	507	1256.22	168.45	-580.40	-62535.92	98320.97	28120.68
	508	-1256.22	-168.45	580.40	62535.92	75811.14	23042.50
25	506	826.17	231.93	376.80	66450.23	-77640.54	49831.91
	507	-826.17	-231.93	-376.80	-66450.23	-84436.57	49920.50
26	505	-679.35	-346.54	-518.39	-78211.94	97488.17	-67239.06
	506	679.35	346.54	518.39	78211.94	104737.70	-67921.06
27	504	-838.83	231.16	365.93	72610.82	-72794.11	54316.75
	505	838.83	-231.16	-365.93	-72610.82	-84594.30	45209.60
28	504	3440.79	-17.87	-250.55	2484.62	26908.35	13372.55
	498	-3440.79	17.87	250.55	-2484.62	77880.41	-19180.71
29	161	8149.55	1518.52	-106.28	6219.71	6178.15	320887.58
	504	-8149.55	-1518.52	106.28	-6219.71	27450.23	119061.99
30	499	-306.73	-266.82	644.07	49725.42	-162753.29	-49518.72
	498	306.73	266.82	-644.07	-49725.42	-114264.13	65412.12
31	500	-820.85	563.11	-1021.71	-45738.15	216581.58	111225.43
	499	820.85	-563.11	1021.71	45738.15	182132.46	108405.87
32	501	-1555.60	-226.45	1016.59	117547.11	-198070.10	-46876.83
	500	1555.60	226.45	-1016.59	-117547.11	-239083.04	-50582.69
33	502	-2333.77	844.76	-427.21	39247.40	10547.01	123215.80
	501	2333.77	-844.76	427.21	-39247.40	122606.71	130229.62
34	503	-3314.39	504.09	76.78	42380.59	-5419.87	82993.81
	502	3314.39	-504.09	-76.78	-42380.59	-26490.38	68422.25
35	496	-4143.80	356.66	294.12	90172.45	89384.01	98505.49
	503	4143.80	-356.66	-294.12	-90172.45	-60665.94	83447.21
36	160	-2982.40	2113.48	-388.82	-27346.83	-86064.93	281459.83
	504	2982.40	-2113.48	388.82	27346.83	47431.25	-59561.55
37	163	-275.03	-1086.76	-818.00	13105.86	16413.77	37092.28
	505	275.03	1086.76	818.00	-13105.86	100266.58	-150822.45
38	166	-2560.69	482.12	-840.02	-14814.86	11931.39	125142.41
	506	2560.69	-482.12	840.02	14814.86	93647.63	-79747.28

39	169	-75.02	-796.14	-650.95	14037.24	39161.76	45645.36
	507	75.02	796.14	650.95	-14037.24	77586.07	-128945.37
40	172	191.06	-1710.52	-510.46	65519.91	77274.51	-208293.45
	508	-191.06	1710.52	510.46	-65519.91	73686.43	29498.46
41	159	-1549.43	1446.34	517.14	-42889.45	-63812.27	321975.56
	498	1549.43	-1446.34	-517.14	42889.45	-86387.64	68769.51
42	162	-336.72	-151.94	1048.51	19561.88	-130316.35	64610.07
	499	336.72	151.94	-1048.51	-19561.88	-154190.35	-95440.50
43	165	-2126.44	1303.42	1011.96	25007.63	-125694.19	257105.78
	500	2126.44	-1303.42	-1011.96	-25007.63	-149263.44	97238.82
44	168	-674.55	1216.48	1169.88	-75633.28	-147743.49	256416.43
	501	674.55	-1216.48	-1169.88	75633.28	-169453.10	78604.72
45	171	369.96	2548.29	1330.02	29286.19	-169981.92	607243.99
	502	-369.96	-2548.29	-1330.02	-29286.19	-190092.79	81063.96
46	174	-168.02	1903.81	1154.12	-56011.38	-147039.31	466159.89
	503	168.02	-1903.81	-1154.12	56011.38	-166142.03	-48534.05
47	177	-2358.66	-1278.34	754.25	-15507.24	-101080.10	-136920.98
	496	2358.66	1278.34	-754.25	15507.24	-114076.97	-209172.30
48	178	-350.16	-2460.71	243.54	-22070.92	-67968.51	-315568.87
	497	350.16	2460.71	-243.54	22070.92	34474.43	-348852.30
49	278	6174.15	-61.35	156.61	10670.66	-49586.90	-14909.75
	496	-6174.15	61.35	-156.61	-10670.66	-53645.65	-25528.11
50	497	-2409.37	1348.59	166.82	6373.01	-41964.72	206866.73
	496	2409.37	-1348.59	-166.82	-6373.01	-33343.84	306153.16
51	478	-3218.53	1049.97	-480.62	-29395.82	71873.70	140002.86
	497	3218.53	-1049.97	480.62	29395.82	60079.57	143766.15
52	173	5331.43	312.66	-51.76	-12290.79	12073.35	77795.30
	278	-5331.43	-312.66	51.76	12290.79	9716.48	55353.04
53	283	2397.29	29.46	276.67	2820.60	-83637.28	7685.76
	478	-2397.29	-29.46	-276.67	-2820.60	-66523.69	9425.23
54	173	4693.48	-247.37	-220.41	-20419.33	38747.43	-55714.15
	283	-4693.48	247.37	220.41	20419.33	31401.34	-22918.70
55	483	-909.32	-616.78	-93.10	-1411.31	37398.88	-244287.39
	484	909.32	616.78	93.10	1411.31	37055.91	-247794.09
56	482	-1756.29	-783.58	-200.58	62005.04	-49772.19	-181871.86
	483	1756.29	783.58	200.58	-62005.04	61137.18	-249372.79
57	481	-1980.24	-653.93	48.52	9556.64	-36593.70	-194696.61
	482	1980.24	653.93	-48.52	-9556.64	-21024.10	-204262.08
58	480	-2346.75	-691.64	-322.53	-59778.31	107584.50	-198709.40
	481	2346.75	691.64	322.53	59778.31	70558.42	-181727.39
59	479	-2881.73	-512.60	-267.64	44987.70	-92392.78	-153810.43
	480	2881.73	512.60	267.64	-44987.70	79815.05	-174275.08
60	478	-3437.99	-776.58	-376.06	-53555.15	111486.53	-225579.37
	479	3437.99	776.58	376.06	53555.15	100661.49	-209341.13
61	363	-2065.77	-52.80	320.61	4470.27	-90569.94	-8599.25
	480	2065.77	52.80	-320.61	-4470.27	-82246.93	-19812.18
62	186	4097.62	-318.57	-300.69	-23752.94	49716.14	-71437.80
	363	-4097.62	318.57	300.69	23752.94	46051.84	-29820.93
63	473	-644.30	-204.25	270.28	-1437.37	-74260.96	-71624.18
	484	644.30	204.25	-270.28	1437.37	-59756.24	-29782.68
64	255	-4545.48	14.17	298.42	-1999.75	-86509.37	6097.16

483	4545.48	-14.17	-298.42	1999.75	-68359.03	8144.70
65	492	-471.62	127.64	-964.68	-1025.71	150681.78
	489	471.62	-127.64	964.68	1025.71	138737.32
66	494	-623.93	-594.04	289.58	6584.29	-79559.77
	492	623.93	594.04	-289.58	-6584.29	-78275.16
67	492	-1066.50	218.35	247.55	-1807.46	-62353.55
	495	1066.50	-218.35	-247.55	1807.46	-36838.77
68	491	-581.55	278.38	66.54	-6717.04	-35288.46
	492	581.55	-278.38	-66.54	6717.04	-19395.63
69	490	92.39	389.08	-431.18	1167.29	70617.64
	491	-92.39	-389.08	431.18	-1167.29	57683.89
70	489	-277.08	-264.02	67.46	-4777.46	-24408.94
	490	277.08	264.02	-67.46	4777.46	-29943.60
71	488	-474.95	-560.20	379.67	3916.92	-105273.16
	489	474.95	560.20	-379.67	-3916.92	-101694.29
72	494	103.18	400.03	-878.84	-2403.41	139485.13
	488	-103.18	-400.03	878.84	2403.41	124270.17
73	493	282.36	279.55	231.17	7916.86	-31543.10
	494	-282.36	-279.55	-231.17	-7916.86	-61827.44
74	493	-320.41	-331.61	-78.53	-3043.51	22224.71
	495	320.41	331.61	78.53	3043.51	20936.66
75	473	610.48	-1464.09	430.07	42579.17	-9389.51
	490	-610.48	1464.09	-430.07	-42579.17	-64653.53
76	382	1235.84	2451.92	897.56	-24274.74	26856.40
	473	-1235.84	-2451.92	-897.56	24274.74	-57105.31
77	293	-2007.31	6322.52	829.15	-21823.06	-17499.60
	382	2007.31	-6322.52	-829.15	21823.06	-19026.67
78	200	-3580.16	13594.43	919.62	-22230.54	-56091.63
	293	3580.16	-13594.43	-919.62	22230.54	25075.45
79	255	366.07	-2782.34	-317.30	20739.83	31383.15
	489	-366.07	2782.34	317.30	-20739.83	20983.70
80	245	761.10	2823.42	131.13	-9959.51	23434.90
	255	-761.10	-2823.42	-131.13	9959.51	-20653.48
81	235	568.24	5328.11	-150.64	-9222.72	38021.62
	245	-568.24	-5328.11	150.64	9222.72	-32980.84
82	197	-643.27	13172.61	-394.98	-9068.90	62121.58
	235	643.27	-13172.61	394.98	9068.90	-48350.27
83	443	-404.01	-2292.26	-162.19	19965.13	76620.92
	488	404.01	2292.26	162.19	-19965.13	67140.09
84	433	-190.04	2610.48	492.91	9960.22	48052.91
	443	190.04	-2610.48	-492.91	-9960.22	-64510.49
85	423	-393.37	5004.46	-317.39	10829.95	39650.42
	433	393.37	-5004.46	317.39	-10829.95	-47361.30
86	193	-696.00	12447.74	-277.04	11811.60	42654.75
	423	696.00	-12447.74	277.04	-11811.60	-39967.85
87	201	252.02	-415.52	273.20	23525.48	-24075.57
	491	-252.02	415.52	-273.20	-23525.48	-62372.53
88	196	457.86	-1699.02	-117.24	4597.59	12141.99
	492	-457.86	1699.02	117.24	-4597.59	-29010.98
89	192	-683.46	-1344.80	-457.78	5764.04	33946.50
	494	683.46	1344.80	457.78	-5764.04	112388.29

90	487	-555.67	-1663.42	-120.51	-14611.78	59514.53	-111340.23
	493	555.67	1663.42	120.51	14611.78	63580.72	-88286.41
91	185	-621.47	-3596.91	-510.02	-20112.45	35038.62	-230411.44
	487	621.47	3596.91	510.02	20112.45	-69996.75	-309134.49
92	486	-1415.22	-705.45	-18.51	11525.67	10241.45	-201209.50
	487	1415.22	705.45	18.51	-11525.67	7113.19	-229142.69
93	485	-147.38	-578.09	73.44	35471.31	-19387.42	-185107.35
	486	147.38	578.09	-73.44	-35471.31	-21215.21	-132861.95
94	186	-1650.76	-118.66	-82.35	8212.32	20401.81	-40814.93
	485	1650.76	118.66	82.35	-8212.32	15719.72	-10099.10
95	183	-1150.70	-1203.40	1129.90	18431.87	-145320.69	-10994.21
	485	1150.70	1203.40	-1129.90	-18431.87	24970.11	-173480.29
96	184	-128.58	-3692.37	-524.46	-11799.12	36404.83	-220046.83
	486	128.58	3692.37	524.46	11799.12	-46921.98	-333886.98
97	179	875.19	-2412.35	784.09	-25677.62	-152333.70	-303696.13
	478	-875.19	2412.35	-784.09	25677.62	60871.95	-347692.61
98	182	272.22	-2432.03	1001.41	10711.78	-178854.18	-294052.18
	479	-272.22	2432.03	-1001.41	-10711.78	-98484.88	-362692.03
99	188	-528.79	-2397.60	-825.18	-19533.79	148629.70	-294958.30
	480	528.79	2397.60	825.18	19533.79	77755.30	-352455.62
100	191	-50.07	-2534.70	832.28	35581.48	-165493.23	-308002.08
	481	50.07	2534.70	-832.28	-35581.48	-63355.24	-376479.72
101	194	-155.33	-2668.58	-702.39	-31868.18	140338.42	-334332.38
	482	155.33	2668.58	702.39	31868.18	-56900.82	-386226.39
102	198	1570.75	-2617.68	-3537.67	-65337.45	891626.46	-238525.26
	483	-1570.75	2617.68	3537.67	65337.45	78073.83	-470820.93
103	199	933.35	-1230.60	-204.82	-19451.22	73157.33	-106038.78
	484	-933.35	1230.60	204.82	19451.22	-27169.77	-228052.75
179	472	-2284.20	-36.82	-21.00	497.31	-485.45	-308.14
	473	2284.20	36.82	21.00	-497.31	1478.78	-1655.68
180	467	-2124.59	3.50	-6.20	224.82	-323.03	228.38
	472	2124.59	-3.50	6.20	-224.82	551.67	-41.95
181	466	-1922.10	0.93	-2.20	159.07	-345.96	186.52
	467	1922.10	-0.93	2.20	-159.07	351.21	-137.08
182	471	5.37e-011	-227.95	4.03e-012	475.28	-2.83e-010	-3132.87
	200	-5.37e-011	227.95	-4.03e-012	-475.28	-1.79e-010	-9024.38
183	470	1.03e-011	-16.28	-1.01e-011	231.55	5.83e-011	-571.85
	471	-1.03e-011	16.28	1.01e-011	-231.55	3.93e-012	-296.23
184	229	4.55e-011	-20.27	3.64e-012	167.23	-5.83e-011	-213.15
	470	-4.55e-011	20.27	-3.64e-012	-167.23	-5.83e-011	-867.72
185	469	4.55e-011	-12.83	7.87e-012	-108.28	-4.44e-012	-270.88
	229	-4.55e-011	12.83	-7.87e-012	108.28	-4.44e-012	-413.17
186	468	2.83e-011	-14.55	-1.82e-012	-53.29	1.16e-010	-264.35
	469	-2.83e-011	14.55	1.82e-012	53.29	5.82e-011	-511.55
187	228	-5.19e-011	-13.97	4.62e-012	-44.98	-3.22e-010	-300.93
	468	5.19e-011	13.97	-4.62e-012	44.98	2.52e-010	-444.09
188	465	-1629.58	-0.96	-0.79	-103.84	-366.34	100.35
	466	1629.58	0.96	0.79	103.84	353.40	-151.53
189	464	-1309.05	-2.61e-002	-0.26	-51.05	-372.60	108.56
	465	1309.05	2.61e-002	0.26	51.05	367.39	-109.24
190	459	-989.12	-0.17	-0.12	-44.61	-371.76	71.94

	464	989.12	0.17	0.12	44.61	372.53	-80.92
191	458	-669.82	-0.14	-0.16	-96.75	-366.53	50.32
	459	669.82	0.14	0.16	96.75	371.42	-57.48
192	457	-350.56	-0.14	-0.22	-156.60	-357.23	24.17
	458	350.56	0.14	0.22	156.60	366.02	-31.55
193	456	-33.37	-0.14	-0.32	-216.40	-342.18	-2.47
	457	33.37	0.14	0.32	216.40	356.38	-5.45
194	463	3.81e-011	-14.18	1.82e-012	-96.84	-5.82e-011	-322.81
	228	-3.81e-011	14.18	-1.82e-012	96.84	-9.09e-013	-433.46
195	462	4.26e-011	-14.09	-8.85e-012	-156.87	1.16e-010	-347.95
	463	-4.26e-011	14.09	8.85e-012	156.87	2.27e-013	-403.41
196	227	3.07e-011	-14.17	-2.54e-012	-217.01	8.88e-016	-377.45
	462	-3.07e-011	14.17	2.54e-012	217.01	-5.82e-011	-378.50
197	461	3.15e-011	-13.99	1.82e-012	-275.01	5.83e-011	-389.77
	227	-3.15e-011	13.99	-1.82e-012	275.01	-1.26e-010	-356.46
198	460	2.03e-010	-14.47	-1.82e-012	-327.85	-1.96e-012	-451.91
	461	-2.03e-010	14.47	1.82e-012	327.85	3.45e-012	-320.06
199	226	2.19e-011	-13.07	5.59e-012	-367.54	-9.09e-013	-371.60
	460	-2.19e-011	13.07	-5.59e-012	367.54	-5.82e-011	-325.71
200	453	288.66	-0.16	-0.49	-274.05	-316.08	-24.68
	456	-288.66	0.16	0.49	274.05	340.40	16.45
201	452	608.45	-6.07e-002	-0.90	-327.69	-265.09	-55.74
	453	-608.45	6.07e-002	0.90	327.69	311.24	52.76
202	451	927.85	-0.75	-1.87	-375.13	-154.63	-85.36
	452	-927.85	0.75	1.87	375.13	250.69	45.46
203	450	1223.26	0.93	-4.55	-414.87	139.22	-82.90
	451	-1223.26	-0.93	4.55	414.87	117.23	132.57
204	449	1528.24	4.56	-14.65	-437.73	972.53	49.73
	450	-1528.24	-4.56	14.65	437.73	-195.18	194.00
205	255	2087.59	-59.57	-54.26	-308.67	3534.39	-2517.50
	449	-2087.59	59.57	54.26	308.67	-685.29	-660.31
206	455	2.19e-011	-19.02	4.61e-012	-370.42	-4.55e-013	-755.74
	226	-2.19e-011	19.02	-4.61e-012	370.42	-5.82e-011	-258.43
207	454	7.54e-011	-12.50	-3.94e-012	-274.80	1.15e-012	-186.76
	455	-7.54e-011	12.50	3.94e-012	274.80	5.82e-011	-480.07
208	197	1.74e-011	-210.81	5.21e-012	235.18	-5.82e-011	-8208.63
	454	-1.74e-011	210.81	-5.21e-012	-235.18	4.55e-013	-3034.78
209	254	-1604.30	-52.71	45.76	436.70	-444.85	-572.67
	255	1604.30	52.71	-45.76	-436.70	-2887.06	-2300.63
210	253	-1092.59	4.39	11.86	514.17	-86.81	165.78
	254	1092.59	-4.39	-11.86	-514.17	728.28	73.56
211	252	-791.76	1.11	-3.61	475.76	-161.34	101.11
	253	791.76	-1.11	3.61	-475.76	54.31	-40.63
212	251	-507.22	-0.77	-1.51	428.85	-272.58	10.61
	252	507.22	0.77	1.51	-428.85	192.74	-52.31
213	250	-201.85	-8.17e-002	-0.76	377.04	-323.05	22.11
	251	201.85	8.17e-002	0.76	-377.04	283.16	-25.98
214	249	105.34	-7.28e-002	0.50	319.34	-348.47	-17.60
	250	-105.34	7.28e-002	-0.50	-319.34	323.44	14.39
215	248	410.87	-0.80	0.75	253.97	-370.55	-47.08
	249	-410.87	0.80	-0.75	-253.97	339.38	4.27

216	247	697.05	1.03	2.00	-171.15	-421.78	-33.26
	248	-697.05	-1.03	-2.00	171.15	341.01	89.64
217	246	981.33	4.13	3.77	-67.02	-526.47	67.53
	247	-981.33	-4.13	-3.77	67.02	366.45	157.72
218	443	1360.31	-43.28	18.28	-333.74	-599.80	-1893.60
	246	-1360.31	43.28	-18.28	333.74	712.79	-465.20
219	448	-1.34e-010	-206.65	-2.54e-012	-151.96	-8.33e-011	-3144.37
	197	1.34e-010	206.65	2.54e-012	151.96	-8.34e-011	-8118.00
220	225	-1.34e-010	-11.55	5.10e-012	352.25	-6.57e-011	-480.25
	448	1.34e-010	11.55	-5.10e-012	-352.25	-5.83e-011	-149.53
221	447	-1.34e-010	-17.25	-1.82e-012	431.70	-6.44e-011	-260.73
	225	1.34e-010	17.25	1.82e-012	-431.70	-6.45e-011	-679.25
222	224	1.75e-011	-11.82	1.82e-012	420.82	-5.82e-011	-333.03
	447	-1.75e-011	11.82	-1.82e-012	-420.82	-5.82e-011	-311.22
223	446	-1.31e-010	-13.04	-2.55e-012	377.76	-6.57e-011	-316.40
	224	1.31e-010	13.04	2.55e-012	-377.76	-5.83e-011	-394.05
224	223	7.59e-012	-13.03	2.54e-012	324.71	-8.17e-011	-385.72
	446	-7.59e-012	13.03	-2.54e-012	-324.71	-6.47e-011	-324.18
225	445	2.58e-012	-11.83	2.06e-012	272.18	-6.57e-011	-305.02
	223	-2.58e-012	11.83	-2.06e-012	-272.18	-6.57e-011	-339.48
226	222	-1.25e-010	-17.16	2.73e-012	233.52	-5.83e-011	-664.87
	445	1.25e-010	17.16	-2.73e-012	-233.52	-9.14e-011	-270.57
227	444	-1.25e-010	-12.64	2.31e-012	235.51	-2.92e-011	-185.14
	222	1.25e-010	12.64	-2.31e-012	-235.51	-8.73e-011	-503.70
228	193	-1.25e-010	-203.97	-4.04e-012	293.49	-8.74e-011	-7969.87
	444	1.25e-010	203.97	4.04e-012	-293.49	-4.17e-011	-3146.71
289	383	-3.49e-011	-168.07	2.02e-012	-260.33	-6.45e-011	-2989.78
	193	3.49e-011	168.07	-2.02e-012	260.33	8.88e-011	-7262.35
290	221	-3.49e-011	-10.98	1.97e-012	-428.11	-6.76e-011	-391.52
	383	3.49e-011	10.98	-1.97e-012	428.11	1.04e-010	-278.32
291	442	-1581.65	-36.75	62.89	671.30	-245.83	-467.76
	443	1581.65	36.75	-62.89	-671.30	-3836.23	-1773.86
292	441	-1247.99	2.80	14.82	-575.40	287.82	170.13
	442	1247.99	-2.80	-14.82	575.40	-669.09	-3.26
293	440	-961.25	1.55	-4.45	-478.27	524.01	124.08
	441	961.25	-1.55	4.45	478.27	-273.04	-29.55
294	439	-677.09	-1.00	-1.76	-368.21	634.79	13.95
	440	677.09	1.00	1.76	368.21	-532.49	-74.99
295	380	-8.50e-011	-12.51	2.06e-012	-443.55	-2.92e-011	-191.26
	221	8.50e-011	12.51	-2.06e-012	443.55	4.47e-011	-572.12
296	220	-4.20e-011	-8.94	1.72e-012	-363.12	-5.59e-011	-259.63
	380	4.20e-011	8.94	-1.72e-012	363.12	-6.26e-011	-285.49
297	379	-4.33e-011	-9.90	-3.74e-012	253.67	-6.37e-011	-254.40
	220	4.33e-011	9.90	3.74e-012	-253.67	8.59e-011	-349.45
298	219	-4.38e-011	-9.95	9.11e-013	153.17	8.00e-011	-314.64
	379	4.38e-011	9.95	-9.11e-013	-153.17	-6.26e-011	-292.05
299	438	-379.91	-0.37	-0.73	254.09	675.27	26.05
	439	379.91	0.37	0.73	-254.09	-635.87	-48.72
300	437	-80.83	-0.28	0.39	153.92	673.41	-8.15
	438	80.83	0.28	-0.39	-153.92	-676.61	-9.51
301	436	222.64	-1.26	1.19	127.18	619.16	-55.27

	437	-222.64	1.26	-1.19	-127.18	-681.41	-21.93
302	435	513.54	1.57	3.48	189.93	448.47	23.46
	436	-513.54	-1.57	-3.48	-189.93	-641.67	72.65
303	376	-4.38e-011	-8.63	-1.73e-012	130.39	-6.37e-011	-237.60
	219	4.38e-011	8.63	1.73e-012	-130.39	7.39e-011	-288.67
304	218	-5.77e-011	-13.08	2.33e-012	207.46	4.48e-011	-563.65
	376	5.77e-011	13.08	-2.33e-012	-207.46	-3.28e-011	-233.95
305	375	-5.10e-011	-13.21	-1.48e-012	290.34	4.44e-011	-298.27
	218	5.10e-011	13.21	1.48e-012	-290.34	8.94e-011	-507.66
306	190	-4.92e-011	-181.96	-4.55e-013	325.21	-7.31e-011	-7744.59
	375	4.92e-011	181.96	4.55e-013	-325.21	-6.59e-011	-3354.96
307	434	752.86	2.27	9.42	243.18	-223.97	-11.69
	435	-752.86	-2.27	-9.42	-243.18	-491.40	150.25
308	413	551.10	5.93	22.58	200.98	-1453.66	141.38
	434	-551.10	-5.93	-22.58	-200.98	208.36	220.29
309	412	-301.25	6.67	-4.89	-145.38	-376.37	185.51
	413	301.25	-6.67	4.89	145.38	542.64	181.30
310	411	-586.42	2.30	-2.76	-239.79	578.22	130.65
	412	586.42	-2.30	2.76	239.79	511.53	-4.32
311	372	1.99e-010	-212.44	8.75e-013	-81.80	2.09e-011	-3389.61
	190	-1.99e-010	212.44	-8.75e-013	81.80	4.07e-011	-8294.77
312	217	-1.43e-010	-13.13	-1.86e-012	-192.44	5.63e-011	-549.86
	372	1.43e-010	13.13	1.86e-012	192.44	1.46e-011	-172.22
313	371	-1.43e-010	-14.93	-2.78e-012	-307.31	4.64e-011	-227.17
	217	1.43e-010	14.93	2.78e-012	307.31	5.72e-011	-594.04
314	216	-1.38e-010	-8.81	-4.56e-013	-421.35	7.16e-011	-275.24
	371	1.38e-010	8.81	4.56e-013	421.35	4.95e-011	-209.14
315	410	-450.48	0.52	-1.18	-326.16	633.62	36.41
	411	450.48	-0.52	1.18	326.16	-588.25	-7.71
316	409	-234.95	-1.70	-0.36	-426.83	631.45	-23.94
	410	234.95	1.70	0.36	426.83	-628.82	-69.64
317	408	-17.20	-0.60	-0.72	-532.07	596.41	-13.09
	409	17.20	0.60	0.72	532.07	-627.87	-19.92
318	407	227.04	-0.64	1.59	-633.14	510.54	-39.01
	408	-227.04	0.64	-1.59	633.14	-591.48	-4.83
319	368	-1.42e-010	-10.36	-2.31e-012	-532.34	-4.78e-011	-263.00
	216	1.42e-010	10.36	2.31e-012	532.34	5.95e-011	-306.62
320	215	7.37e-011	-10.31	-5.78e-013	-635.97	-3.02e-011	-322.26
	368	-7.37e-011	10.31	5.78e-013	635.97	-6.73e-011	-244.75
321	367	-1.32e-010	-8.97	-1.74e-012	-719.00	5.54e-011	-235.06
	215	1.32e-010	8.97	1.74e-012	719.00	2.37e-011	-258.49
322	214	3.46e-011	-14.45	1.39e-012	-740.27	2.28e-011	-587.09
	367	-3.46e-011	14.45	-1.39e-012	740.27	2.63e-011	-207.94
323	406	456.72	-1.58	-3.65	-721.54	306.63	-81.07
	407	-456.72	1.58	3.65	721.54	-494.48	-6.34
324	405	671.87	0.47	-9.37	-785.85	306.23	-31.46
	406	-671.87	-0.47	9.37	785.85	-259.50	57.22
325	404	828.87	2.33	-29.21	793.69	1967.71	-10.38
	405	-828.87	-2.33	29.21	-793.69	-373.48	138.33
326	363	719.91	-5.78	-100.21	527.18	6974.06	-324.64
	404	-719.91	5.78	100.21	-527.18	-1473.39	44.51

327	364	2.18e-010	-12.32	-1.59e-012	583.59	1.55e-011	-188.25
	214	-2.18e-010	12.32	1.59e-012	-583.59	1.09e-011	-489.51
328	187	-1.23e-010	-196.64	2.05e-012	158.38	-1.67e-011	-7704.19
	364	1.23e-010	196.64	-2.05e-012	-158.38	-2.48e-011	-3110.94
389	362	-712.12	-1.62	-73.16	-818.04	-492.88	121.25
	363	712.12	1.62	73.16	818.04	5137.24	-179.59
390	361	-861.68	1.97	-21.92	-925.10	-190.82	146.40
	362	861.68	-1.97	21.92	925.10	1249.26	-20.33
391	302	-8.31e-011	-154.11	1.09e-012	-232.39	2.67e-011	-3012.86
	187	8.31e-011	154.11	-1.09e-012	232.39	1.57e-011	-6850.49
392	213	-1.29e-011	-9.99	-2.05e-012	-783.94	-5.50e-011	-369.93
	302	1.29e-011	9.99	2.05e-012	783.94	3.38e-011	-269.17
393	301	-1.23e-011	-8.99	9.84e-013	-834.40	5.38e-011	-128.32
	213	1.23e-011	8.99	-9.84e-013	834.40	-2.81e-011	-447.07
394	212	-6.73e-011	-5.50	1.54e-012	-744.33	-2.89e-011	-173.89
	301	6.73e-011	5.50	-1.54e-012	744.33	6.18e-011	-178.44
395	360	-687.09	1.62	-6.98	-858.96	527.15	92.54
	361	687.09	-1.62	6.98	858.96	149.53	11.25
396	359	-482.75	-1.22	-2.73	-744.84	676.44	-4.94
	360	482.75	1.22	2.73	744.84	-507.68	-73.35
397	358	-274.26	-0.49	-1.27	-607.71	741.04	11.49
	359	274.26	0.49	1.27	607.71	-663.04	-42.48
398	357	-67.55	-0.47	-0.57	-458.12	767.71	-15.19
	358	67.55	0.47	0.57	458.12	-733.87	-15.23
399	298	-6.91e-011	-6.56	9.82e-013	-609.03	-4.52e-011	-173.89
	212	6.91e-011	6.56	-9.82e-013	609.03	3.59e-011	-245.90
400	211	-6.91e-011	-6.57	-9.36e-013	-457.68	5.60e-011	-219.97
	298	6.91e-011	6.57	9.36e-013	457.68	-2.03e-011	-200.49
401	297	-6.91e-011	-5.43	-1.45e-012	-299.80	3.95e-011	-149.07
	211	6.91e-011	5.43	1.45e-012	299.80	2.36e-011	-198.73
402	210	1.28e-011	-9.14	1.57e-012	-143.08	-2.24e-011	-428.76
	297	-1.28e-011	9.14	-1.57e-012	143.08	5.58e-011	-156.29
403	356	154.42	-1.28	-0.25	-303.99	757.81	-50.33
	357	-154.42	1.28	0.25	303.99	-769.62	-31.80
404	355	358.11	1.59	1.74	-156.68	667.61	39.15
	356	-358.11	-1.59	-1.74	156.68	-776.00	63.11
405	354	517.92	1.96	5.49	-50.08	370.21	-4.74
	355	-517.92	-1.96	-5.49	50.08	-707.90	123.31
406	333	244.28	6.19	13.41	52.49	-519.12	196.49
	354	-244.28	-6.19	-13.41	-52.49	-377.82	199.81
407	294	-3.91e-011	-10.44	1.12e-012	49.56	-2.88e-011	-252.88
	210	3.91e-011	10.44	-1.12e-012	-49.56	-5.75e-011	-415.66
408	181	-5.46e-011	-158.20	-2.14e-012	156.13	3.01e-011	-7011.74
	294	5.46e-011	158.20	2.14e-012	-156.13	4.39e-011	-3113.33
409	332	-634.09	5.37	-8.21	-58.27	-399.75	209.82
	333	634.09	-5.37	8.21	58.27	330.84	92.11
410	331	-788.95	2.42	-4.26	-145.31	723.80	148.00
	332	788.95	-2.42	4.26	145.31	-515.70	-12.70
411	292	-4.56e-011	-203.73	2.11e-012	-93.44	3.96e-011	-3374.01
	181	4.56e-011	203.73	-2.11e-012	93.44	8.89e-011	-8034.99
412	209	-1.11e-010	-15.74	-1.27e-012	-107.16	4.93e-011	-591.20

	292	1.11e-010	15.74	1.27e-012	107.16	2.80e-011	-290.41
413	291	-4.56e-011	-17.06	1.82e-012	-238.61	-4.05e-011	-296.56
	209	4.56e-011	17.06	-1.82e-012	238.61	-5.81e-011	-659.19
414	208	-7.64e-011	-11.61	-1.81e-012	387.08	7.31e-011	-354.76
	291	7.64e-011	11.61	1.81e-012	-387.08	-5.82e-011	-295.50
415	330	-547.17	0.86	-1.78	256.75	821.84	55.00
	331	547.17	-0.86	1.78	-256.75	-729.46	-6.96
416	329	-242.22	-1.40	-0.57	392.95	841.36	-17.94
	330	242.22	1.40	0.57	-392.95	-816.73	-60.69
417	328	93.20	-0.37	0.50	538.39	819.82	-13.62
	329	-93.20	0.37	-0.50	-538.39	-838.01	-8.91
418	327	403.45	-0.38	1.40	682.57	741.85	-46.29
	328	-403.45	0.38	-1.40	-682.57	-815.09	25.50
419	288	-7.64e-011	-13.04	2.28e-012	538.04	-7.31e-011	-351.07
	208	7.64e-011	13.04	-2.28e-012	-538.04	-6.75e-011	-379.15
420	207	-4.56e-011	-13.04	-1.75e-012	683.77	6.75e-011	-417.68
	288	4.56e-011	13.04	1.75e-012	-683.77	-4.74e-011	-312.76
421	287	-4.56e-011	-11.64	9.10e-013	808.29	-6.57e-011	-334.07
	207	4.56e-011	11.64	-9.10e-013	-808.29	5.82e-011	-317.68
422	206	-7.64e-011	-17.25	-2.96e-012	863.44	-6.47e-011	-704.28
	287	7.64e-011	17.25	2.96e-012	-863.44	-2.92e-011	-261.65
423	326	721.57	-1.38	3.56	817.02	533.43	-97.01
	327	-721.57	1.38	-3.56	-817.02	-725.16	21.49
424	325	1024.39	0.86	9.77	932.50	165.11	-47.39
	326	-1024.39	-0.86	-9.77	-932.50	-485.36	95.01
425	324	1262.08	2.46	32.94	995.11	-1964.53	-42.68
	325	-1262.08	-2.46	-32.94	-995.11	-177.54	179.80
426	283	1201.61	-5.43	116.36	683.18	-7572.54	-331.40
	324	-1201.61	5.43	-116.36	-683.18	1071.44	71.25
427	284	-7.64e-011	-14.76	3.56e-012	712.57	2.91e-011	-288.27
	206	7.64e-011	14.76	-3.56e-012	-712.57	5.59e-011	-538.95
428	176	-4.56e-011	-199.76	-1.82e-012	140.86	-7.31e-011	-8017.74
	284	4.56e-011	199.76	1.82e-012	-140.86	2.91e-011	-3168.75
444	282	177.23	-2.39	-32.94	359.20	-554.54	79.34
	283	-177.23	2.39	32.94	-359.20	1808.62	-195.05
445	281	263.85	3.52	-7.82	-232.39	-231.16	96.68
	282	-263.85	-3.52	7.82	232.39	514.04	96.30
446	280	616.73	2.67	-4.13	-94.58	255.96	23.00
	281	-616.73	-2.67	4.13	94.58	233.12	128.53
447	279	1074.43	0.44	-6.95	148.80	393.67	-64.16
	280	-1074.43	-0.44	6.95	-148.80	-245.92	86.29
448	278	1776.88	-21.32	44.07	369.21	-1591.29	-989.96
	279	-1776.88	21.32	-44.07	-369.21	-941.55	-167.86
449	205	-4.52e-011	-224.65	5.97e-012	427.30	-7.81e-011	-3621.80
	176	4.52e-011	224.65	-5.97e-012	-427.30	5.82e-011	-8509.86
450	204	-4.27e-011	-20.82	5.26e-012	-74.80	-5.59e-011	-818.48
	205	4.27e-011	20.82	-5.26e-012	74.80	-1.10e-010	-306.22
451	203	1.86e-010	-26.69	2.01e-012	-162.40	-1.33e-010	-677.61
	204	-1.86e-010	26.69	-2.01e-012	162.40	-7.33e-011	-764.56
452	202	-2.11e-011	-17.12	-9.13e-012	-309.04	-5.82e-011	-472.88
	203	2.11e-011	17.12	9.13e-012	309.04	-1.16e-010	-453.29

453	175	-2.04e-011	-94.08	-5.56e-012	-893.19	1.06e-010	-3618.48
	202	2.04e-011	94.08	5.56e-012	893.19	-1.67e-010	-1462.82
454	101	1425.45	-4695.37	1213.81	7028.31	-225739.69	-816389.84
	201	-1425.45	4695.37	-1213.81	-7028.31	-211498.62	-873981.46
455	100	3923.23	-4737.23	1458.88	7028.31	-274172.52	-807037.41
	200	-3923.23	4737.23	-1458.88	-7028.31	-251226.42	-898407.49
456	99	3801.75	-4801.63	1078.37	7028.31	-193696.32	-840588.79
	199	-3801.75	4801.63	-1078.37	-7028.31	-194917.92	-888072.17
457	98	2852.98	-9747.61	4581.47	22490.58	-729980.14	-1701831.96
	198	-2852.98	9747.61	-4581.47	-22490.58	-933287.40	-1807518.32
458	97	1213.92	-5834.87	1468.81	7028.31	-263620.63	-1046323.40
	197	-1213.92	5834.87	-1468.81	-7028.31	-265286.26	-1054248.48
459	96	736.88	-6043.33	1460.09	7028.31	-254523.54	-1065196.24
	196	-736.88	6043.33	-1460.09	-7028.31	-271314.49	-1110423.55
460	95	2450.59	-5178.62	1252.03	7028.31	-210695.11	-904532.07
	195	-2450.59	5178.62	-1252.03	-7028.31	-240300.79	-959794.11
461	85	-1460.53	-6279.57	302.57	7028.31	-58512.34	-1115800.34
	185	1460.53	6279.57	-302.57	-7028.31	-60056.34	-1144862.72
462	92	-1152.15	-5987.63	355.44	7028.31	-71396.03	-1050923.78
	192	1152.15	5987.63	-355.44	-7028.31	-65564.41	-1104671.88
463	93	-535.82	-5735.81	291.40	7028.31	-66489.34	-1018712.40
	193	535.82	5735.81	-291.40	-7028.31	-51224.14	-1046229.43
464	94	-1274.23	-6262.94	446.15	7028.31	-60362.42	-1114616.41
	194	1274.23	6262.94	-446.15	-7028.31	105608.38	-1140067.54
465	91	464.11	-6262.92	534.33	7028.31	-79596.36	-1123366.33
	191	-464.11	6262.92	-534.33	-7028.31	117619.78	-1131287.35
466	90	-361.80	-5999.64	144.11	7028.31	-54573.22	-1078542.49
	190	361.80	5999.64	-144.11	-7028.31	-34058.54	-1081328.16
467	89	122.89	-6300.83	273.77	7028.31	-66183.06	-1114990.38
	189	-122.89	6300.83	-273.77	-7028.31	-48562.56	-1153309.85
468	84	659.64	-6536.90	187.82	7028.31	-51352.29	-1181070.07
	184	-659.64	6536.90	-187.82	-7028.31	-35500.39	-1172226.18
469	83	-4364.51	-4531.43	-1075.88	7028.31	179877.38	-740076.10
	183	4364.51	4531.43	1075.88	-7028.31	207984.37	-892511.26
470	86	-1541.86	-5860.58	-1146.02	7028.31	183007.40	-1009780.55
	186	1541.86	5860.58	1146.02	-7028.31	230092.05	-1100271.07
471	87	-1006.08	-5634.19	-1279.52	7028.31	204782.24	-987661.56
	187	1006.08	5634.19	1279.52	-7028.31	256295.92	-1040872.53
472	88	-646.85	-5727.39	-946.76	7028.31	163808.23	-991740.16
	188	646.85	5727.39	946.76	-7028.31	177282.67	-1070380.06
473	80	492.61	-5962.99	-295.85	7028.31	38915.16	-1032703.13
	180	-492.61	5962.99	295.85	-7028.31	83940.03	-1114114.60
474	81	1154.43	-5681.17	-157.68	7028.31	39339.00	-995373.28
	181	-1154.43	5681.17	157.68	-7028.31	-29979.29	-1050012.06
475	82	828.00	-5795.79	-455.37	7028.31	64779.37	-1007543.29
	182	-828.00	5795.79	455.37	-7028.31	109840.39	-1079132.08
476	73	2740.52	-6187.74	-1872.12	7028.31	319166.80	-1082378.11
	173	-2740.52	6187.74	1872.12	-7028.31	354849.51	-1145325.99
477	76	2492.22	-5931.73	-1749.77	7028.31	297989.29	-1065142.93
	176	-2492.22	5931.73	1749.77	-7028.31	332018.97	-1070350.57
478	72	-1898.50	-6504.38	-1712.53	7028.31	294238.42	-1148225.59

172	1898.50	6504.38	1712.53	-7028.31	322370.59	-1193356.35	
479	79	3908.18	-6192.15	-1012.76	7028.31	157397.52	-1090985.50
	179	-3908.18	6192.15	1012.76	-7028.31	207887.69	-1138271.07
480	75	2353.38	-6518.94	-774.94	7028.31	84488.75	-1162659.60
	175	-2353.38	6518.94	774.94	-7028.31	199711.20	-1184161.37
481	78	-522.40	-6495.64	-372.31	7028.31	45665.46	-1157143.15
	178	522.40	6495.64	372.31	-7028.31	115606.95	-1181315.17
482	70	1200.18	974.03	-2034.55	7028.31	337877.60	198739.68
	170	-1200.18	-974.03	2034.55	-7028.31	394621.90	-328979.36
483	69	-555.16	788.32	-2079.59	7028.31	376150.74	163749.74
	169	555.16	-788.32	2079.59	-7028.31	372524.71	-219417.26
484	66	-3136.98	-4980.83	-1984.60	7028.31	352303.57	-822359.85
	166	3136.98	4980.83	1984.60	-7028.31	362188.10	-971386.57
485	67	7590.13	-3371.29	-1906.98	7028.31	315613.45	-483249.94
	167	-7590.13	3371.29	1906.98	-7028.31	370973.97	-735620.27
486	64	1418.53	717.04	-1965.98	7028.31	328689.90	244442.78
	164	-1418.53	-717.04	1965.98	-7028.31	379105.50	-233142.99
487	63	-527.60	625.76	-2050.59	7028.31	372452.92	178756.73
	163	527.60	-625.76	2050.59	-7028.31	365773.44	-174297.04
488	61	6708.93	-3575.75	-1452.54	7028.31	215158.15	-575963.34
	161	-6708.93	3575.75	1452.54	-7028.31	308195.21	-713812.21
489	60	-4425.18	-5364.04	-1432.93	7028.31	236994.80	-942278.89
	160	4425.18	5364.04	1432.93	-7028.31	279178.14	-988993.56
490	59	-4276.02	-3299.63	-1294.99	7028.31	200590.19	-502506.02
	159	4276.02	3299.63	1294.99	-7028.31	266339.90	-689965.00
491	62	-705.93	619.88	-2021.66	7028.31	348724.92	257225.04
	162	705.93	-619.88	2021.66	-7028.31	379136.77	-207516.98
492	65	-4572.88	-2955.48	-1943.46	7028.31	331368.07	-394728.17
	165	4572.88	2955.48	1943.46	-7028.31	368378.20	-679834.05
493	68	-1871.58	135.29	-2045.88	7028.31	351738.82	218165.69
	168	1871.58	-135.29	2045.88	-7028.31	384845.86	-174246.19
494	71	-5188.41	-4437.67	-2159.20	7028.31	375600.87	-759852.84
	171	5188.41	4437.67	2159.20	-7028.31	401754.52	-840133.34
495	74	-5212.74	-4721.35	-1958.12	7028.31	333500.47	-807145.57
	174	5212.74	4721.35	1958.12	-7028.31	371514.38	-893986.28
496	77	-6566.42	-4882.28	-1117.34	7028.31	162535.64	-824396.24
	177	6566.42	4882.28	1117.34	-7028.31	240945.20	-933833.93
497	166	8.68e-011	-3858.68	-4.55e-013	-22967.92	-3.66e-012	-463354.66
	167	-8.68e-011	3858.68	4.55e-013	22967.92	1.16e-010	-578541.62
498	165	7.33e-011	-3002.26	5.28e-013	3892.22	-9.49e-011	-617184.89
	166	-7.33e-011	3002.26	-5.28e-013	-3892.22	-2.39e-010	-523913.40
499	163	5.30e-011	-800.88	2.42e-013	60609.37	-1.46e-011	-164096.19
	160	-5.30e-011	800.88	-2.42e-013	-60609.37	-5.82e-011	-180299.05
500	166	3.15e-011	-955.20	-1.29e-013	-76937.08	-3.24e-011	-183417.06
	163	-3.15e-011	955.20	1.29e-013	76937.08	-1.51e-010	-189112.91
501	169	4.38e-011	-710.86	6.73e-015	64183.49	4.45e-011	-153298.05
	166	-4.38e-011	710.86	-6.73e-015	-64183.49	2.27e-010	-152376.32
502	172	-5.77e-011	-1314.69	-1.64e-013	-109722.83	9.04e-011	-203186.31
	169	5.77e-011	1314.69	1.64e-013	109722.83	-2.68e-010	-191226.22
503	160	9.27e-011	-3218.94	-4.56e-013	20752.53	8.34e-011	-392507.17
	161	-9.27e-011	3218.94	4.56e-013	-20752.53	-1.12e-010	-476636.62

504	159	-6.71e-011	-2107.41	1.30e-012	6191.41	7.38e-011	-425857.38
	160	6.71e-011	2107.41	-1.30e-012	-6191.41	1.50e-010	-375010.52
505	162	4.17e-011	-1127.02	4.54e-013	59652.81	2.91e-010	-219603.09
	159	-4.17e-011	1127.02	-4.54e-013	-59652.81	-5.46e-012	-265148.88
506	165	-1.16e-010	1329.15	1.01e-012	-86922.71	1.78e-010	260763.37
	162	1.16e-010	-1329.15	-1.01e-012	86922.71	-1.69e-010	257607.90
507	168	3.29e-011	-911.25	-5.94e-013	117509.01	-2.18e-010	-192344.85
	165	-3.29e-011	911.25	5.94e-013	-117509.01	-3.01e-010	-199511.03
508	171	-1.10e-010	2025.19	-1.23e-012	-146169.02	2.73e-010	298834.74
	168	1.10e-010	-2025.19	1.23e-012	146169.02	-4.91e-011	308728.84
509	174	6.75e-011	-1689.15	-1.41e-012	-20575.88	-1.86e-010	-261921.85
	171	-6.75e-011	1689.15	1.41e-012	20575.88	-2.59e-010	-244945.46
510	177	5.77e-011	-969.17	-2.53e-013	16227.78	-1.05e-011	-269932.17
	174	-5.77e-011	969.17	2.53e-013	-16227.78	-5.89e-011	-224356.13
511	164	9.56e-011	1441.52	-2.42e-012	85693.04	5.92e-011	302376.71
	161	-9.56e-011	-1441.52	2.42e-012	-85693.04	-1.00e-011	-325359.34
512	167	-5.82e-011	-937.77	6.10e-013	-147875.13	-4.08e-010	-191322.04
	164	5.82e-011	937.77	-6.10e-013	147875.13	1.57e-010	-174455.23
513	170	8.89e-011	1385.83	1.63e-012	92625.71	4.93e-011	276736.46
	167	-8.89e-011	-1385.83	-1.63e-012	-92625.71	1.12e-010	319189.04
514	173	-1.15e-010	-1539.53	-2.16e-012	-236484.91	2.47e-010	-286072.33
	170	1.15e-010	1539.53	2.16e-012	236484.91	4.13e-010	-192118.99
515	176	-5.77e-011	681.14	1.09e-012	22612.16	5.27e-010	-105739.32
	173	5.77e-011	-681.14	-1.09e-012	-22612.16	1.65e-010	99270.93
516	179	-2.98e-011	-439.21	6.30e-014	-11167.68	3.96e-011	-124948.65
	176	2.98e-011	439.21	-6.30e-014	11167.68	7.31e-012	-99087.95
517	186	1.17e-011	-477.18	8.40e-013	-19585.93	2.47e-010	-89229.88
	183	-1.17e-011	477.18	-8.40e-013	19585.93	-5.46e-011	-101664.99
518	187	2.05e-011	682.22	-1.45e-012	16391.51	8.01e-010	-96027.15
	186	-2.05e-011	-682.22	1.45e-012	-16391.51	5.39e-010	108657.49
519	188	1.36e-011	-369.99	3.39e-013	-5698.23	-6.95e-011	108572.15
	187	-1.36e-011	369.99	-3.39e-013	5698.23	-1.64e-010	-80150.12
520	196	-4.07e-011	794.73	1.86e-013	-29109.60	1.18e-010	152545.71
	195	4.07e-011	-794.73	-1.86e-013	29109.60	2.19e-011	163387.91
521	197	-2.91e-011	576.11	-2.31e-013	15808.47	7.18e-011	90613.50
	196	2.91e-011	-576.11	2.31e-013	-15808.47	8.28e-011	82258.91
522	198	-2.04e-011	449.66	1.17e-013	11666.84	-1.19e-010	124673.21
	197	2.04e-011	-449.66	-1.17e-013	-11666.84	-8.74e-011	95678.96
523	200	-6.47e-011	1216.73	-5.69e-013	-10378.62	3.75e-010	174631.02
	201	6.47e-011	-1216.73	5.69e-013	10378.62	4.49e-010	187368.94
524	199	6.30e-011	590.95	3.21e-013	6375.48	-4.38e-011	142581.53
	200	-6.30e-011	-590.95	-3.21e-013	-6375.48	-2.99e-011	133745.45
525	185	7.28e-011	-3003.16	-1.14e-013	51986.93	-8.73e-011	-725165.51
	195	-7.28e-011	3003.16	1.14e-013	-51986.93	-8.73e-011	-919073.39
526	184	-8.03e-011	-2147.29	7.94e-014	-14199.44	-5.21e-011	-659707.34
	185	8.03e-011	2147.29	-7.94e-014	14199.44	6.21e-011	-650151.97
527	183	5.09e-011	-2930.05	-2.06e-013	-45530.24	6.73e-011	-879369.18
	184	-5.09e-011	2930.05	2.06e-013	45530.24	-5.57e-011	-732239.51
528	196	-2.91e-011	-1901.65	1.75e-013	-22451.71	6.30e-011	-670074.24
	201	2.91e-011	1901.65	-1.75e-013	22451.71	-4.48e-011	-856012.31
529	192	5.86e-012	-2434.22	1.15e-013	55771.55	6.44e-011	-661847.54

	196	-5.86e-012	2434.22	-1.15e-013	-55771.55	8.73e-011	-664807.30
530	189	6.48e-011	-1964.82	5.69e-014	12672.60	-2.80e-011	-580890.99
	192	-6.48e-011	1964.82	-5.69e-014	-12672.60	-6.03e-011	-617675.67
531	186	-4.91e-011	-2087.01	1.43e-013	-46586.31	1.04e-011	-575465.46
	189	4.91e-011	2087.01	-1.43e-013	46586.31	2.31e-011	-572424.63
532	180	8.46e-011	-1620.56	-5.59e-014	-37046.86	2.22e-011	-516067.76
	186	-8.46e-011	1620.56	5.59e-014	37046.86	-2.82e-011	-521108.30
533	173	1.81e-010	-2108.41	-2.57e-013	47032.74	3.67e-011	-582609.30
	180	-1.81e-010	2108.41	2.57e-013	-47032.74	4.64e-011	-598180.29
534	172	-3.21e-010	-5178.18	-1.82e-012	-37265.46	4.22e-010	-662988.99
	173	3.21e-010	5178.18	1.82e-012	37265.46	-4.56e-010	-736998.62
535	171	-3.18e-010	-6096.87	-5.28e-013	14679.08	-1.35e-010	-1465567.80
	172	3.18e-010	6096.87	5.28e-013	-14679.08	1.12e-010	-857504.39
536	174	-1.41e-010	-5638.91	-4.55e-013	23978.63	1.29e-010	-1285506.27
	175	1.41e-010	5638.91	4.55e-013	-23978.63	-2.41e-010	-862012.83
537	198	-1.87e-010	-2436.75	1.44e-013	-8385.35	5.82e-011	-963225.50
	199	1.87e-010	2436.75	-1.44e-013	8385.35	5.98e-011	-980859.30
538	194	3.04e-011	-3381.24	1.14e-013	60646.07	2.92e-011	-800494.06
	198	-3.04e-011	3381.24	-1.14e-013	-60646.07	9.85e-011	-1060135.42
539	191	2.91e-011	-2242.96	-1.14e-013	-17508.31	1.46e-011	-697959.76
	194	-2.91e-011	2242.96	1.14e-013	17508.31	4.64e-011	-670264.00
540	188	-1.02e-010	-2667.37	-1.32e-013	-57229.68	-4.93e-011	-729649.03
	191	1.02e-010	2667.37	1.32e-013	57229.68	-4.22e-011	-737430.32
541	182	7.41e-012	-1992.53	-4.49e-014	-48304.62	1.95e-011	-636667.19
	188	-7.41e-012	1992.53	4.49e-014	48304.62	-3.06e-011	-638553.86
542	179	3.72e-011	-2544.25	1.27e-013	-50176.01	5.82e-011	-691276.84
	182	-3.72e-011	2544.25	-1.27e-013	50176.01	5.59e-011	-733515.58
543	178	-3.78e-010	-5425.65	9.09e-013	-38576.50	-2.24e-010	-706716.92
	179	3.78e-010	5425.65	-9.09e-013	38576.50	2.33e-010	-758233.76
544	177	4.28e-010	-4893.80	7.41e-013	22933.68	1.12e-010	-1073754.79
	178	-4.28e-010	4893.80	-7.41e-013	-22933.68	-1.86e-010	-785998.36
545	66	-2.19e-011	-11813.62	-2.27e-013	-8522.90	-6.92e-011	-1437902.49
	67	2.19e-011	11813.62	2.27e-013	8522.90	-1.46e-011	-1751776.12
546	65	8.55e-011	-7189.07	-1.28e-013	9230.95	-1.47e-011	-1511064.63
	66	-8.55e-011	7189.07	1.28e-013	-9230.95	-2.93e-011	-1220789.26
547	63	2.05e-011	2561.08	4.73e-013	299245.82	-1.50e-010	-460359.12
	60	-2.05e-011	-2561.08	-4.73e-013	-299245.82	-1.24e-010	641037.03
548	66	5.78e-011	2227.13	4.63e-013	-272666.27	3.20e-010	453782.15
	63	-5.78e-011	-2227.13	-4.63e-013	272666.27	4.66e-010	414801.25
549	69	2.80e-011	-1745.74	2.97e-013	231817.62	-3.71e-011	-357310.00
	66	-2.80e-011	1745.74	-2.97e-013	-231817.62	-5.97e-011	-393372.60
550	72	3.38e-011	3993.51	-1.16e-012	-492863.24	-1.54e-011	677602.80
	69	-3.38e-011	-3993.51	1.16e-012	492863.24	2.14e-010	520512.29
551	60	1.40e-010	-11997.55	-1.17e-012	13641.20	1.17e-010	-1407202.16
	61	-1.40e-010	11997.55	1.17e-012	-13641.20	1.86e-010	-1832135.91
552	59	4.22e-011	-7619.05	7.93e-013	22005.19	-2.91e-011	-1640900.32
	60	-4.22e-011	7619.05	-7.93e-013	-22005.19	-6.76e-011	-1254347.79
553	62	5.78e-011	2255.69	-1.20e-013	154407.10	1.06e-010	-431404.27
	59	-5.78e-011	-2255.69	1.20e-013	-154407.10	-1.57e-010	538610.20
554	65	-3.70e-011	2177.99	7.99e-013	-128122.92	-3.72e-011	432302.03
	62	3.70e-011	-2177.99	-7.99e-013	128122.92	1.30e-010	417116.14

555	68	-4.74e-011	-1701.82	-3.46e-013	102169.50	-7.05e-011	-358949.04
	65	4.74e-011	1701.82	3.46e-013	-102169.50	3.11e-011	-372852.60
556	71	-3.38e-011	3220.59	2.20e-013	-310825.04	7.30e-011	470404.62
	68	3.38e-011	-3220.59	-2.20e-013	310825.04	1.89e-010	495772.26
557	74	7.50e-011	3123.10	2.57e-012	-12026.07	-1.70e-011	490902.47
	71	-7.50e-011	-3123.10	-2.57e-012	12026.07	-1.91e-010	446119.24
558	77	-3.16e-011	1903.52	-1.18e-013	-4461.76	-1.36e-010	537281.19
	74	3.16e-011	-1903.52	1.18e-013	4461.76	-7.67e-011	433522.89
559	64	-2.37e-011	2116.47	-9.55e-013	173783.37	-3.35e-011	411765.94
	61	2.37e-011	-2116.47	9.55e-013	-173783.37	-1.17e-010	498418.16
560	67	-2.50e-011	-1694.22	1.26e-013	-151090.76	-3.66e-011	-335936.69
	64	2.50e-011	1694.22	-1.26e-013	151090.76	-1.56e-011	-324811.34
561	70	-1.46e-011	1679.13	2.79e-013	123317.20	-1.56e-010	354964.48
	67	1.46e-011	-1679.13	-2.79e-013	-123317.20	-2.34e-011	367062.59
562	73	1.47e-011	-2612.26	1.22e-012	-395580.54	-4.37e-011	-391298.40
	70	-1.47e-011	2612.26	-1.22e-012	395580.54	-3.79e-010	-392392.24
563	76	-5.59e-011	2905.84	-6.65e-013	-11596.83	1.60e-010	443568.62
	73	5.59e-011	-2905.84	6.65e-013	11596.83	1.54e-010	428201.89
564	79	-3.57e-011	2079.93	-8.20e-014	888.96	1.62e-011	582869.97
	76	3.57e-011	-2079.93	8.20e-014	-888.96	1.46e-011	477898.20
565	86	8.70e-012	-1977.65	-5.01e-013	-68923.03	-2.03e-011	-399924.39
	83	-8.70e-012	1977.65	5.01e-013	68923.03	-1.94e-011	-391153.52
566	87	-1.86e-012	-249.40	-5.52e-013	-710.17	-7.91e-011	-36968.02
	86	1.86e-012	249.40	5.52e-013	710.17	-1.09e-011	-37852.31
567	88	5.99e-012	-1693.00	-1.02e-014	1202.77	1.55e-012	-432904.79
	87	-5.99e-012	1693.00	1.02e-014	-1202.77	1.46e-011	-430543.64
568	96	-1.53e-011	1416.13	5.22e-013	-35139.33	1.22e-010	-264812.61
	95	1.53e-011	-1416.13	-5.22e-013	35139.33	3.64e-011	298161.57
569	97	2.04e-011	-1249.57	-4.12e-013	-2810.78	4.89e-011	-179905.28
	96	-2.04e-011	1249.57	4.12e-013	2810.78	8.80e-011	-194974.08
570	98	7.29e-012	-1569.12	-5.60e-014	10325.11	2.37e-011	-450273.67
	97	-7.29e-012	1569.12	5.60e-014	-10325.11	1.63e-011	-318786.70
571	100	7.82e-012	-1706.50	1.43e-012	11682.77	-1.12e-010	-232021.83
	101	-7.82e-012	1706.50	-1.43e-012	-11682.77	4.98e-011	-275919.07
572	99	1.50e-011	-986.56	-1.37e-013	-13612.05	8.57e-011	255935.95
	100	-1.50e-011	986.56	1.37e-013	13612.05	-2.38e-011	-205614.64
573	85	2.22e-011	-4641.07	-1.34e-014	-38173.79	3.29e-011	-1127623.84
	95	-2.22e-011	4641.07	1.34e-014	38173.79	-3.77e-011	-1413436.67
574	84	-4.21e-011	-2427.08	5.74e-014	-19017.53	2.51e-011	-685252.33
	85	4.21e-011	2427.08	-5.74e-014	19017.53	-7.96e-012	-795962.18
575	83	-3.24e-011	-5790.99	7.63e-014	36171.39	-5.17e-011	-1966748.46
	84	3.24e-011	5790.99	-7.63e-014	-36171.39	3.53e-011	-1219846.61
576	96	8.43e-011	-2815.71	8.02e-014	-10414.29	1.98e-012	-1022181.53
	101	-8.43e-011	2815.71	-8.02e-014	10414.29	-7.33e-012	-1237458.48
577	92	3.67e-011	-4333.52	5.81e-014	-48908.68	-1.46e-011	-1195274.59
	96	-3.67e-011	4333.52	-5.81e-014	48908.68	3.48e-012	-1166533.94
578	89	-2.68e-011	-3341.03	-3.86e-015	-22938.24	-2.46e-011	-975170.20
	92	2.68e-011	3341.03	3.86e-015	22938.24	-2.51e-011	-1063175.96
579	86	3.77e-011	-4525.93	-9.74e-014	38804.18	1.26e-011	-1344797.31
	89	-3.77e-011	4525.93	9.74e-014	-38804.18	-1.40e-011	-1145652.02
580	80	1.96e-011	-4035.74	1.65e-014	52068.97	-1.36e-011	-1273443.22

	86	-1.96e-011	4035.74	-1.65e-014	-52068.97	-1.50e-011	-1309456.48
581	73	1.98e-011	-4717.61	8.62e-015	73179.36	-2.47e-011	-1280942.36
	80	-1.98e-011	4717.61	-8.62e-015	-73179.36	-1.86e-011	-1360963.73
582	72	-5.78e-012	-12814.40	2.62e-012	-23130.48	-2.39e-010	-1624818.66
	73	5.78e-012	12814.40	-2.62e-012	23130.48	-2.32e-010	-1835155.02
583	71	1.15e-010	-11051.67	-4.55e-013	-18571.36	5.83e-011	-2474662.05
	72	-1.15e-010	11051.67	4.55e-013	18571.36	2.07e-012	-1725096.13
584	97	5.60e-011	-2884.73	-1.08e-013	-7910.39	-2.10e-012	-1021683.97
	100	-5.60e-011	2884.73	1.08e-013	7910.39	-2.90e-011	-1286119.51
585	93	-3.43e-011	-4256.81	1.26e-013	-52298.43	-3.29e-011	-1189110.52
	97	3.43e-011	4256.81	-1.26e-013	52298.43	4.58e-012	-1130891.44
586	90	3.70e-011	-3362.50	5.70e-014	-21032.75	1.65e-011	-978959.36
	93	-3.70e-011	3362.50	-5.70e-014	21032.75	1.61e-011	-1072440.77
587	87	2.73e-011	-4446.54	6.19e-014	38836.94	8.35e-012	-1312892.99
	90	-2.73e-011	4446.54	-6.19e-014	-38836.94	-2.19e-011	-1133735.26
588	81	7.24e-012	-4022.88	-4.92e-014	48873.14	1.83e-011	-1282765.98
	87	-7.24e-012	4022.88	4.92e-014	-48873.14	-1.01e-011	-1291901.61
589	76	-2.93e-011	-4518.97	9.68e-014	-61308.20	2.91e-011	-1195106.40
	81	2.93e-011	4518.97	-9.68e-014	61308.20	2.91e-011	-1335519.30
590	75	5.07e-011	-10983.59	1.06e-012	171615.70	-2.42e-010	-1378859.14
	76	-5.07e-011	10983.59	-1.06e-012	-171615.70	-2.42e-010	-1586772.09
591	74	-1.91e-011	-10104.34	-9.36e-013	-110329.44	-3.01e-011	-2291538.40
	75	1.91e-011	10104.34	9.36e-013	110329.44	1.16e-010	-1548125.59
592	98	-1.46e-011	-3353.34	-7.30e-014	-20236.07	1.48e-011	-1334990.49
	99	1.46e-011	3353.34	7.30e-014	20236.07	1.47e-011	-1340377.53
593	94	6.55e-011	-4895.06	1.60e-013	-17949.59	3.39e-011	-1171194.00
	98	-6.55e-011	4895.06	-1.60e-013	17949.59	-3.69e-011	-1522480.08
594	91	-3.64e-011	-2726.75	2.89e-014	-18494.74	-7.77e-012	-817178.89
	94	3.64e-011	2726.75	-2.89e-014	18494.74	7.33e-012	-846295.16
595	88	6.62e-011	-4315.26	-9.17e-014	35295.95	8.38e-012	-1313177.01
	91	-6.62e-011	4315.26	9.17e-014	-35295.95	2.82e-011	-1061086.69
596	82	-2.93e-011	-4118.88	2.85e-014	56481.41	3.12e-011	-1305255.24
	88	2.93e-011	4118.88	-2.85e-014	-56481.41	-2.11e-011	-1330836.12
597	79	-1.67e-011	-4674.91	6.32e-014	33432.85	-7.12e-011	-1244523.16
	82	1.67e-011	4674.91	-6.32e-014	-33432.85	-6.45e-011	-1373431.82
598	78	-3.24e-011	-10980.60	1.75e-012	119041.94	-1.16e-010	-1371569.73
	79	3.24e-011	10980.60	-1.75e-012	-119041.94	2.33e-010	-1593202.38
599	77	1.55e-011	-10348.92	2.64e-013	-52554.17	2.94e-011	-2336397.81
	78	-1.55e-011	10348.92	-2.64e-013	52554.17	-1.16e-010	-1596222.10
648	122	0.00	-17.26	2.67e-013	4598.98	-8.22e-011	-626.14
	47	0.00	17.26	-2.67e-013	-4598.98	-4.98e-011	-1578.31
649	121	0.00	-2.75	-1.89e-012	510.34	3.44e-011	-261.33
	122	0.00	2.75	1.89e-012	-510.34	1.18e-010	-88.91
650	120	0.00	-2.99	6.30e-013	-1171.75	9.79e-011	-110.40
	121	0.00	2.99	-6.30e-013	1171.75	-4.57e-011	-269.18
651	48	7.88e-012	-20.60	2.37e-012	-7844.28	-8.13e-011	-1857.21
	120	-7.88e-012	20.60	-2.37e-012	7844.28	2.77e-011	765.69
652	119	0.00	-46.05	2.25e-012	7599.73	1.26e-010	-841.29
	46	0.00	46.05	-2.25e-012	-7599.73	3.96e-010	-2636.98
653	118	1.43e-011	-13.59	-1.18e-012	1252.55	-8.48e-011	-759.80
	119	-1.43e-011	13.59	1.18e-012	-1252.55	2.27e-010	-262.44

654	117	-1.72e-011	-14.27	-1.08e-012	-1174.04	2.59e-010	-250.14
	118	1.72e-011	14.27	1.08e-012	1174.04	8.22e-011	-824.57
655	47	0.00	60.26	1.04e-012	-7180.01	-9.39e-011	-3169.03
	117	0.00	-60.26	-1.04e-012	7180.01	3.03e-010	1359.30
656	116	9.05e-012	-30.55	-6.15e-013	10249.98	7.65e-011	-660.08
	41	-9.05e-012	30.55	6.15e-013	-10249.98	1.42e-010	-2378.85
657	115	0.00	-6.19	-4.97e-012	2022.59	-6.51e-011	-473.60
	116	0.00	6.19	4.97e-012	-2022.59	7.28e-012	-142.96
658	114	0.00	-6.32	-1.03e-012	618.14	1.89e-010	-111.48
	115	0.00	6.32	1.03e-012	-618.14	2.51e-010	-517.44
659	46	-9.05e-012	-35.56	-1.19e-012	-5871.57	-9.00e-011	-2470.83
	114	9.05e-012	35.56	1.19e-012	5871.57	-2.80e-011	1071.05
660	113	-1335.50	-3123.86	519.72	17488.14	-1358.93	149199.54
	48	1335.50	3123.86	-519.72	-17488.14	-48593.82	-445564.91
661	112	-813.71	-1769.43	22.65	-56606.54	-4763.06	-98651.66
	113	813.71	1769.43	-22.65	56606.54	-3550.54	-72079.83
662	111	-826.59	-2146.88	-15.02	-40462.90	1861.83	-364301.29
	112	826.59	2146.88	15.02	40462.90	-1835.79	160658.87
663	5	-1213.07	-5261.91	-164.29	77215.00	9515.66	-971215.26
	111	1213.07	5261.91	164.29	-77215.00	6278.88	471372.39
664	110	-1729.22	-3939.66	709.04	20207.55	3221.46	84876.26
	47	1729.22	3939.66	-709.04	-20207.55	-64364.59	-456466.67
665	109	-919.96	-1603.35	-27.39	16784.44	-3215.26	-167940.96
	110	919.96	1603.35	27.39	-16784.44	5232.61	-31680.33
666	108	-866.86	-2312.70	12.96	-17736.92	-1753.43	-494325.22
	109	866.86	2312.70	-12.96	17736.92	-1208.85	275038.88
667	4	-1314.13	-9240.50	-258.84	-19211.54	14751.15	-1484191.95
	108	1314.13	9240.50	258.84	19211.54	-9866.96	606425.95
668	107	-1314.34	-4495.20	777.62	-18423.65	-4814.13	69365.45
	46	1314.34	4495.20	-777.62	18423.65	-69107.60	-492466.19
669	106	-810.82	-1774.06	42.67	-17510.17	-1957.21	-178500.83
	107	810.82	1774.06	-42.67	17510.17	5772.05	-32000.64
670	105	-872.64	-2341.71	19.11	-11602.48	1940.38	-496050.60
	106	872.64	2341.71	-19.11	11602.48	-780.87	274201.59
671	3	-1444.14	-9940.62	-239.55	21595.26	13832.98	-1508770.64
	105	1444.14	9940.62	239.55	-21595.26	8934.30	564551.36
672	104	1580.25	-3827.35	680.09	-30169.93	-5002.19	128461.12
	41	-1580.25	3827.35	-680.09	30169.93	-59611.18	-491273.76
673	103	-943.04	-1873.87	-10.90	55714.40	-3653.50	-104585.87
	104	943.04	1873.87	10.90	-55714.40	2716.21	-77861.89
674	102	-1066.30	-2153.91	8.47	50420.26	-2541.67	-364821.31
	103	1066.30	2153.91	-8.47	-50420.26	-1922.71	160820.39
675	1	-1754.72	-5991.67	160.55	-75118.21	8197.26	-992543.50
	102	1754.72	5991.67	-160.55	75118.21	-7068.98	423435.02
676	54	1.35e-011	-495.91	-1.11e-014	1610.56	-4.56e-012	-179107.26
	57	-1.35e-011	495.91	1.11e-014	-1610.56	3.75e-012	-217617.89
677	50	3.12e-011	-4834.59	9.24e-015	-19613.22	3.57e-012	-1080763.17
	54	-3.12e-011	4834.59	-9.24e-015	19613.22	4.24e-012	-1554294.72
678	47	-2.28e-011	-5064.90	-3.55e-015	24919.10	4.97e-012	-1872716.76
	50	2.28e-011	5064.90	3.55e-015	-24919.10	1.89e-012	-1217301.61
679	53	2.12e-011	-1813.51	4.58e-015	2678.21	-3.53e-012	-669391.73

	58	-2.12e-011	1813.51	-4.58e-015	-2678.21	2.68e-012	-785962.62
680	49	-5.05e-012	-4305.01	2.21e-014	-18733.45	-5.89e-012	-1001886.78
	53	5.05e-012	4305.01	-2.21e-014	18733.45	-5.83e-012	-1344582.61
681	46	3.27e-011	-5076.81	1.84e-014	24506.52	3.09e-012	-1865195.47
	49	-3.27e-011	5076.81	-1.84e-014	-24506.52	1.83e-012	-1232174.54
682	42	4.38e-011	-3748.76	1.84e-014	-11254.49	2.28e-012	-833852.75
	52	-4.38e-011	3748.76	-1.84e-014	11254.49	-2.96e-012	-1218647.42
683	41	-8.21e-012	-4167.91	1.46e-014	20525.54	-3.30e-013	-1544295.99
	42	8.21e-012	4167.91	-1.46e-014	-20525.54	2.58e-012	-998367.55
684	53	-2.68e-012	-947.87	-4.60e-013	6194.24	1.97e-011	-179058.64
	52	2.68e-012	947.87	4.60e-013	-6194.24	6.73e-011	-197843.88
685	54	-7.87e-012	-1295.80	8.22e-013	35201.07	-1.95e-010	-191860.57
	53	7.87e-012	1295.80	-8.22e-013	-35201.07	2.19e-011	-196896.64
686	55	-4.22e-012	-993.35	-2.83e-013	-16348.88	-6.39e-011	-283238.91
	54	4.22e-012	993.35	2.83e-013	16348.88	-9.19e-011	-203694.16
687	57	-4.48e-011	-1887.82	-4.79e-013	98710.25	1.07e-010	-271993.84
	58	4.48e-011	1887.82	4.79e-013	-98710.25	-7.81e-011	-289671.54
688	56	-9.52e-012	-1020.40	1.98e-013	-59639.71	-5.21e-011	-252791.71
	57	9.52e-012	1020.40	-1.98e-013	59639.71	-4.98e-011	-224392.90
689	55	7.76e-012	-1886.92	-2.12e-015	-3161.34	1.46e-012	-696299.96
	56	-7.76e-012	1886.92	2.12e-015	3161.34	-2.12e-012	-809134.84
690	51	-1.91e-011	-4067.21	4.12e-014	10071.56	-1.68e-011	-906036.25
	55	1.91e-011	4067.21	-4.12e-014	-10071.56	-1.97e-011	-1332070.05
691	48	1.99e-011	-4319.67	0.00	23970.55	0.00	-1599223.08
	51	-1.99e-011	4319.67	0.00	-23970.55	0.00	-1035879.78
692	34	-15748.06	-9498.70	2411.20	-10279.12	-502283.05	-1776242.20
	77	15748.06	9498.70	-2411.20	10279.12	-341981.42	-1548416.30
693	31	-14544.36	-9227.66	3047.53	-10279.12	-575424.14	-1727635.79
	74	14544.36	9227.66	-3047.53	10279.12	-491252.63	-1502149.88
694	28	-15577.52	-8942.06	3213.90	-10279.12	-594496.64	-1685238.32
	71	15577.52	8942.06	-3213.90	10279.12	-530421.86	-1444592.65
695	25	-3355.90	-5374.07	3121.74	-10279.12	-583923.38	-1266301.70
	68	3355.90	5374.07	-3121.74	10279.12	-508742.88	-616532.46
696	22	-11104.90	-6779.79	3045.73	-10279.12	-575213.75	-1415538.09
	65	11104.90	6779.79	-3045.73	10279.12	-490839.86	-958462.57
697	19	-892.94	-4807.45	3117.48	-10279.12	-583446.78	-1178193.55
	62	892.94	4807.45	-3117.48	10279.12	-507714.06	-510714.29
698	16	-12960.04	-7057.38	2556.97	-10279.12	-519092.25	-1427802.08
	59	12960.04	7057.38	-2556.97	10279.12	-376003.29	-1043023.04
699	35	-1097.01	-10735.71	1611.39	-10279.12	-387060.96	-1918225.37
	78	1097.01	10735.71	-1611.39	10279.12	-178205.03	-1839286.21
700	32	-1615.69	-10471.40	1778.44	-10279.12	-406319.36	-1870383.09
	75	1615.69	10471.40	-1778.44	10279.12	-216915.01	-1794620.86
701	29	-3804.94	-10198.25	2687.98	-10279.12	-510897.34	-1829409.32
	72	3804.94	10198.25	-2687.98	10279.12	-429947.54	-1739999.56
702	26	-2812.26	-6081.42	3016.30	-10279.12	-548592.87	-1347246.53
	69	2812.26	6081.42	-3016.30	10279.12	-507119.86	-783266.20
703	23	-7255.06	-8552.14	2909.48	-10279.12	-536331.90	-1619247.61
	66	7255.06	8552.14	-2909.48	10279.12	-482001.19	-1374202.32
704	20	-670.44	-5540.73	3016.09	-10279.12	-548566.98	-1262970.99
	63	670.44	5540.73	-3016.09	10279.12	-507075.00	-679156.04

705	17	-10279.63	-8825.95	2470.16	-10279.12	-485903.11	-1631023.67
	60	10279.63	8825.95	-2470.16	10279.12	-378724.22	-1458158.85
706	36	11621.97	-10471.75	2018.46	-10279.12	-418004.44	-1887937.24
	79	-11621.97	10471.75	-2018.46	10279.12	-288645.92	-1777196.66
707	33	9374.89	-10222.20	2489.63	-10279.12	-472126.69	-1841793.48
	76	-9374.89	10222.20	-2489.63	10279.12	-399284.39	-1735995.07
708	30	10042.85	-9945.74	2545.31	-10279.12	-478523.70	-1800438.40
	73	-10042.85	9945.74	-2545.31	10279.12	-412360.06	-1680595.98
709	27	1940.16	-5469.08	2543.25	-10279.12	-478283.27	-1276460.41
	70	-1940.16	5469.08	-2543.25	10279.12	-411883.84	-641851.05
710	24	18848.53	-7193.65	2480.54	-10279.12	-471085.06	-1463082.02
	67	-18848.53	7193.65	-2480.54	10279.12	-397139.90	-1055548.63
711	21	2001.61	-4893.46	2533.63	-10279.12	-477178.16	-1187973.43
	64	-2001.61	4893.46	-2533.63	10279.12	-409622.30	-531109.12
712	18	17535.06	-7445.82	2082.40	-10279.12	-425299.95	-1472448.98
	61	-17535.06	7445.82	-2082.40	10279.12	-303796.89	-1134130.14
713	39	1387.54	-10154.18	1162.14	-10279.12	-287730.15	-1851490.64
	82	-1387.54	10154.18	-1162.14	10279.12	-122402.89	-1702510.87
714	38	1646.78	-9877.94	1255.67	-10279.12	-299156.13	-1802276.99
	81	-1646.78	9877.94	-1255.67	10279.12	-140897.65	-1655045.99
715	37	1174.78	-9750.25	1170.56	-10279.12	-289185.57	-1777995.01
	80	-1174.78	9750.25	-1170.56	10279.12	-121979.04	-1634640.42
716	45	-1989.80	-10079.93	-1389.12	-10279.12	284044.15	-1842980.37
	88	1989.80	10079.93	1389.12	10279.12	202591.46	-1685027.90
717	44	-944.55	-9849.05	-1394.74	-10279.12	284774.36	-1798976.43
	87	944.55	9849.05	1394.74	10279.12	203666.74	-1648218.09
718	43	-960.01	-9645.41	-1348.24	-10279.12	279355.09	-1765978.36
	86	960.01	9645.41	1348.24	10279.12	192990.97	-1609947.92
719	40	-11527.07	-8440.11	-1388.47	-10279.12	284029.09	-1615593.20
	83	11527.07	8440.11	1388.47	10279.12	202264.97	-1338620.56
720	48	2044.87	-3918.99	-751.19	-7605.59	181183.11	-612398.77
	91	-2044.87	3918.99	751.19	7605.59	94378.93	-760547.47
721	47	756.20	-5142.81	-1038.07	-12182.69	276388.96	-766633.72
	90	-756.20	5142.81	1038.07	12182.69	94985.14	-1038341.92
722	46	1326.34	-4996.80	-983.13	-12182.69	268305.19	-745833.08
	89	-1326.34	4996.80	983.13	12182.69	92015.59	-1009006.56
723	41	4023.18	-3675.52	-664.16	-7605.59	171400.90	-564930.96
	84	-4023.18	3675.52	664.16	7605.59	70103.46	-724010.65
724	51	-3422.10	-5323.07	-304.38	-7605.59	72886.60	-951189.32
	94	3422.10	5323.07	304.38	7605.59	67732.22	-911926.53
725	50	-1391.81	-7448.98	-383.48	-12182.69	114851.26	-1353439.70
	93	1391.81	7448.98	383.48	12182.69	53035.54	-1253751.95
726	49	-2126.51	-7211.70	-363.14	-12182.69	112136.77	-1307016.82
	92	2126.51	7211.70	363.14	12182.69	57530.35	-1217135.22
727	42	-3645.91	-4776.37	-273.46	-7605.59	80719.29	-857891.08
	85	3645.91	4776.37	273.46	7605.59	45650.64	-813872.66
728	55	5654.36	-6879.00	-1439.81	-24337.90	348865.77	-1221489.47
	98	-5654.36	6879.00	1439.81	24337.90	467128.04	-1187330.34
729	54	2020.03	-5891.49	-1346.04	-12182.69	249807.62	-960227.36
	97	-2020.03	5891.49	1346.04	12182.69	222013.67	-1102814.95
730	53	2272.80	-6041.01	-1226.70	-12182.69	234726.39	-1018407.79

	96	-2272.80	6041.01	1226.70	12182.69	195976.46	-1096756.73
731	52	6155.11	-3180.08	-601.51	-7605.59	122510.32	-566010.38
	95	-6155.11	3180.08	601.51	7605.59	92236.30	-547942.80
732	56	7731.29	-2593.70	-594.04	-7605.59	111253.68	-415675.57
	99	-7731.29	2593.70	594.04	7605.59	104740.86	-494304.57
733	57	7155.38	-2271.35	-1309.50	-12182.69	237182.29	-304526.97
	100	-7155.38	2271.35	1309.50	12182.69	222288.75	-507711.90
734	58	3843.46	-2190.32	-691.11	-7605.59	129338.09	-356242.48
	101	-3843.46	2190.32	691.11	7605.59	115723.13	-413703.89
735	15	6450.33	-2984.50	-1118.18	-7795.37	234597.79	-767422.07
	58	-6450.33	2984.50	1118.18	7795.37	190655.76	-370217.09
736	14	7542.85	-2949.97	-1767.61	-11881.37	364329.26	-967591.35
	57	-7542.85	2949.97	1767.61	11881.37	307839.17	-201545.31
737	13	9616.16	-2966.64	-1036.85	-7795.37	224494.28	-768816.96
	56	-9616.16	2966.64	1036.85	7795.37	169871.62	-361209.99
738	9	9684.59	-4211.30	-592.30	-7795.37	130188.96	-920401.12
	52	-9684.59	4211.30	592.30	7795.37	95574.81	-680483.27
739	10	4778.75	-6284.84	-1009.99	-11881.37	211159.58	-1383445.10
	53	-4778.75	6284.84	1009.99	11881.37	173345.65	-1005641.07
740	11	6242.09	-5730.82	-1035.90	-11881.37	214354.52	-1315994.89
	54	-6242.09	5730.82	1035.90	11881.37	179990.81	-863121.48
741	12	8058.36	-5164.17	-1724.70	-15573.15	473668.78	-1144741.39
	55	-8058.36	5164.17	1724.70	15573.15	251276.84	-818503.94
742	2	-3287.73	-5464.87	-226.00	-7795.37	47309.14	-1076619.61
	42	3287.73	5464.87	226.00	7795.37	-56300.56	-1000097.06
743	6	-1500.20	-5277.91	-293.46	-7795.37	51383.32	-1053655.67
	49	1500.20	5277.91	293.46	7795.37	-75809.49	-952109.16
744	7	-1228.69	-5333.37	-301.50	-7795.37	52276.86	-1061477.44
	50	1228.69	5333.37	301.50	7795.37	-77600.16	-965328.47
745	8	-3229.35	-5495.73	-264.75	-7795.37	47770.45	-1084464.78
	51	3229.35	5495.73	264.75	7795.37	-70188.70	-1003946.15

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-1.76	6.58	-0.95	-38.77	-53.58	-70.56
	472	-1.46	11.33	3.39	-25.35	-32.33	-115.76
	473	7.63e-002	11.42	0.31	-264.81	-159.86	-107.90
	382	-0.35	6.67	-4.04	65.69	-94.50	-72.02
105	378	0.22	7.98	0.90	-10.82	-26.64	-51.86
	467	0.39	10.65	-0.14	1.99	-26.84	-55.62
	472	-1.51	10.53	0.46	8.62	-59.49	-69.58
	381	-1.68	7.85	1.49	-24.32	-34.35	-65.45
106	377	-0.19	6.37	1.25	-4.76	-25.36	-39.28
	466	2.51e-002	9.61	0.54	0.56	-32.12	-39.06
	467	0.32	9.63	5.11e-002	1.16	-32.73	-49.22
	378	0.11	6.39	0.76	-9.94	-22.71	-49.31
107	374	-4.40e-002	5.47	1.16	-3.79	-26.13	24.23
	465	0.13	8.16	0.48	-0.18	-34.10	23.98
	466	-7.11e-002	8.14	0.67	0.35	-32.17	-34.15
	377	-0.25	5.46	1.36	-4.61	-24.94	-34.36
108	373	-3.00e-002	4.34	1.29	-3.88	-26.57	10.83
	464	0.11	6.55	0.50	-0.11	-34.60	10.71
	465	2.58e-002	6.55	0.41	0.18	-33.77	19.07
	374	-0.12	4.34	1.20	-3.76	-26.22	19.18
109	370	-9.43e-003	3.30	1.25	-3.95	-26.58	15.05

	459	0.10	4.95	0.47	-0.11	-34.50	15.04
	464	9.34e-003	4.95	0.51	-0.13	-34.48	9.24
	373	-0.10	3.30	1.29	-3.88	-26.60	9.28
110	369	6.74e-003	2.23	1.26	-3.91	-26.28	30.50
	458	7.96e-002	3.35	0.48	-0.12	-34.01	30.49
	459	-6.37e-003	3.35	0.47	-0.12	-34.53	19.77
	370	-7.93e-002	2.23	1.25	-3.96	-26.53	19.77
111	366	2.45e-002	1.17	1.26	-3.76	-25.70	46.95
	457	6.26e-002	1.76	0.48	-0.13	-33.15	46.93
	458	-2.46e-002	1.75	0.48	-0.11	-34.17	35.84
	369	-6.27e-002	1.16	1.26	-3.94	-26.16	35.86
112	365	4.15e-002	0.11	1.25	-3.47	-24.72	63.18
	456	4.48e-002	0.17	0.47	-0.14	-31.72	63.13
	457	-4.16e-002	0.16	0.48	-0.10	-33.43	52.28
	366	-4.49e-002	0.11	1.27	-3.81	-25.50	52.32
113	303	5.91e-002	-0.96	1.29	-2.97	-22.89	78.64
	453	2.80e-002	-1.44	0.51	-0.16	-29.16	78.57
	456	-5.94e-002	-1.45	0.47	-0.10	-32.16	68.31
	365	-2.83e-002	-0.97	1.25	-3.55	-24.37	68.38
114	300	8.18e-002	-2.01	1.20	-2.47	-19.00	92.69
	452	1.45e-002	-3.04	0.40	-0.22	-24.03	92.62
	453	-7.64e-002	-3.05	0.50	-0.14	-29.83	83.43
	303	-9.14e-003	-2.01	1.30	-3.14	-22.24	83.49
115	299	0.17	-3.13	1.38	-3.73	-9.89	104.21
	451	7.40e-002	-4.63	0.69	-0.58	-12.80	104.46
	452	-8.97e-002	-4.65	0.45	-0.43	-24.87	97.03
	300	8.25e-003	-3.14	1.15	-2.92	-17.47	96.79
116	296	-0.30	-4.08	0.79	-9.79	13.36	110.75
	450	-0.44	-6.14	3.17e-002	-3.77	16.98	112.45
	451	-2.27e-002	-6.12	0.56	-1.86	-13.83	108.59
	299	0.11	-4.05	1.38	-4.91	-5.71	106.95
117	295	1.76	-5.17	2.35	-18.26	65.65	100.84
	449	1.60	-7.54	0.98	-20.31	101.96	105.32
	450	-0.54	-7.68	-0.29	-7.33	9.08	116.81
	296	-0.38	-5.31	1.09	-13.19	28.61	112.52
118	245	-0.67	-3.56	-4.06	-159.25	166.76	25.62
	255	-1.10	-10.51	1.59	97.67	376.53	31.59
	449	1.42	-10.35	5.64	-28.62	24.42	94.48
	295	1.87	-3.40	-6.87e-002	-33.40	107.94	82.07
119	290	-2.81	10.13	-8.63e-002	23.69	-38.09	-66.01
	381	-3.05	6.49	1.69	-26.91	-50.35	-67.16
	382	1.70	6.80	-7.81	-179.25	-81.54	-72.10
	293	1.93	10.44	-9.58	175.23	-70.27	-70.81
120	289	-0.16	5.79	-0.30	9.19	-12.60	-53.90
	378	-1.70e-002	7.96	0.42	-11.85	-24.23	-52.80
	381	-2.97	7.77	4.12	19.62	-26.56	-55.49
	290	-3.11	5.60	3.41	-27.36	-21.70	-56.08
121	286	-0.16	3.31	2.44	-3.98	-13.33	-40.58
	377	4.37e-002	6.39	1.86	-4.57	-21.55	-39.64
	378	-0.12	6.38	0.28	-6.19	-18.85	-48.15
	289	-0.32	3.30	0.86	-9.57	-14.05	-48.96
122	285	-3.46e-002	2.75	1.52	-3.32	-14.23	24.85
	374	0.14	5.48	1.40	-1.99	-22.05	24.37
	377	-1.58e-002	5.47	1.96	-2.47	-21.10	-34.62
	286	-0.19	2.74	2.09	-4.01	-13.79	-35.05
123	265	-5.16e-002	2.17	1.82	-3.40	-14.47	11.12
	373	9.01e-002	4.35	1.64	-1.49	-22.41	10.89

	374	6.93e-002	4.35	1.44	-1.60	-22.16	19.40
	285	-7.24e-002	2.17	1.62	-3.25	-14.28	19.60
124	264	-2.56e-002	1.65	1.71	-3.44	-14.44	15.02
	370	8.21e-002	3.31	1.57	-1.52	-22.42	15.01
	373	2.21e-002	3.30	1.64	-1.51	-22.45	9.40
	265	-8.56e-002	1.65	1.78	-3.39	-14.46	9.47
125	263	-1.12e-002	1.11	1.74	-3.38	-14.27	30.48
	369	6.16e-002	2.24	1.59	-1.55	-22.18	30.47
	370	1.23e-002	2.23	1.57	-1.49	-22.37	19.84
	264	-6.06e-002	1.11	1.72	-3.48	-14.41	19.85
126	262	7.76e-003	0.58	1.74	-3.24	-13.95	46.99
	366	4.58e-002	1.17	1.59	-1.53	-21.71	46.95
	369	-7.81e-003	1.17	1.59	-1.44	-22.04	35.93
	263	-4.59e-002	0.58	1.74	-3.48	-14.22	35.97
127	261	2.29e-002	5.77e-002	1.72	-2.95	-13.39	63.30
	365	2.63e-002	0.11	1.57	-1.45	-20.89	63.23
	366	-2.36e-002	0.11	1.59	-1.31	-21.47	52.41
	262	-2.70e-002	5.47e-002	1.74	-3.40	-13.88	52.49
128	260	4.62e-002	-0.48	1.78	-2.43	-12.33	78.88
	303	1.47e-002	-0.97	1.63	-1.35	-19.37	78.75
	365	-4.36e-002	-0.97	1.57	-1.08	-20.50	68.51
	261	-1.21e-002	-0.48	1.71	-3.23	-13.30	68.63
129	259	3.96e-002	-1.01	1.62	-1.84	-9.90	92.84
	300	-2.58e-002	-2.01	1.45	-1.61	-16.04	92.74
	303	-5.35e-002	-2.01	1.64	-0.83	-18.61	83.67
	260	1.20e-002	-1.01	1.81	-3.04	-12.17	83.78
130	258	0.15	-1.56	2.08	-3.16	-3.86	103.18
	299	4.31e-002	-3.14	1.95	-4.04	-8.13	103.65
	300	-0.10	-3.15	1.40	-1.44	-14.27	97.09
	259	3.25e-003	-1.57	1.53	-3.46	-9.53	96.63
131	257	0.19	-2.11	0.82	-11.04	13.81	105.02
	296	6.44e-002	-4.06	0.41	-15.34	11.97	108.55
	299	-1.71e-002	-4.06	1.95	-4.58	3.49	107.33
	258	0.11	-2.12	2.37	-7.69	3.15	103.82
132	256	2.14	-3.87	3.31	-37.39	46.01	85.13
	295	2.06	-5.15	4.32	-62.64	49.44	99.60
	296	-1.54e-002	-5.28	0.71	-16.70	33.47	112.28
	257	6.78e-002	-4.00	-0.31	-26.58	19.79	97.86
133	235	-0.73	-6.67	-9.26	-198.21	-44.14	-28.14
	245	-0.55	-3.55	-6.50	-37.05	127.07	28.04
	295	2.17	-3.38	1.96	-46.98	93.04	81.55
	256	1.97	-6.50	-0.79	-76.97	105.31	61.91
134	471	2.34	0.15	23.57	20.33	-27.60	-111.37
	290	3.01	10.51	3.57	41.18	-27.60	-68.02
	293	2.92	10.50	-16.67	-78.96	58.55	-67.37
	200	2.25	0.15	3.34	275.48	43.32	-101.04
135	470	-0.26	-1.67e-002	0.52	2.12	-2.83	-57.88
	289	0.12	5.81	-0.59	9.80	-9.67	-53.42
	290	2.72	5.98	7.06	20.27	-14.88	-64.77
	471	2.34	0.15	8.17	-9.46	-3.22	-69.17
136	229	-0.16	-1.06e-002	3.08	0.85	-2.07	-41.15
	286	5.38e-002	3.33	2.84	-3.41	-9.18	-40.52
	289	-4.12e-002	3.32	0.57	5.84	-10.40	-50.98
	470	-0.26	-1.67e-002	0.81	-2.67	-2.03	-51.60
137	469	-6.78e-002	-4.40e-003	1.73	-0.59	-2.10	25.11
	285	0.11	2.76	1.67	-1.33	-9.95	24.89
	286	1.67e-002	2.75	2.49	2.20	-9.83	-35.49

	229	-0.16	-1.06e-002	2.54	-0.99	-1.99	-35.70
138	468	-6.91e-002	-4.49e-003	2.13	-0.55	-2.12	11.24
	265	7.26e-002	2.18	2.04	-0.63	-10.15	11.14
	285	7.40e-002	2.18	1.76	-0.97	-10.06	19.74
	469	-6.78e-002	-4.40e-003	1.85	-0.53	-2.07	19.83
139	228	-4.28e-002	-2.78e-003	1.99	-0.53	-2.11	14.98
	264	6.49e-002	1.66	1.91	-0.49	-10.14	14.98
	265	3.87e-002	1.65	2.01	-0.59	-10.16	9.54
	468	-6.91e-002	-4.49e-003	2.09	-0.54	-2.10	9.57
140	463	-2.85e-002	-1.85e-003	2.04	-0.50	-2.08	30.43
	263	4.43e-002	1.12	1.95	-0.47	-10.02	30.43
	264	2.99e-002	1.12	1.92	-0.48	-10.12	19.90
	228	-4.28e-002	-2.78e-003	2.01	-0.58	-2.10	19.91
141	462	-9.69e-003	-6.30e-004	2.03	-0.45	-2.03	46.95
	262	2.85e-002	0.59	1.95	-0.47	-9.80	46.94
	263	9.66e-003	0.58	1.95	-0.43	-9.98	36.02
	463	-2.85e-002	-1.85e-003	2.03	-0.60	-2.08	36.03
142	227	5.02e-003	3.26e-004	2.01	-0.34	-1.94	63.29
	261	8.41e-003	5.69e-002	1.92	-0.47	-9.43	63.27
	262	-6.28e-003	5.60e-002	1.95	-0.39	-9.73	52.54
	462	-9.69e-003	-6.30e-004	2.04	-0.62	-2.03	52.56
143	461	3.09e-002	2.01e-003	2.09	-9.22e-002	-1.77	78.85
	260	-9.77e-004	-0.48	2.00	-0.62	-8.69	78.82
	261	-2.65e-002	-0.49	1.91	-0.37	-9.31	68.69
	227	5.02e-003	3.26e-004	2.00	-0.64	-1.95	68.72
144	460	3.00e-002	1.95e-003	1.87	0.71	-1.39	92.51
	259	-3.58e-002	-1.01	1.78	-1.56	-6.98	92.53
	260	-3.49e-002	-1.01	2.04	-0.56	-8.47	83.86
	461	3.09e-002	2.01e-003	2.12	-0.77	-1.79	83.84
145	226	0.10	6.36e-003	2.49	2.59	-0.49	101.14
	258	-4.93e-003	-1.57	2.42	-5.59	-2.63	101.55
	259	-7.25e-002	-1.58	1.69	-1.16	-6.52	96.80
	460	3.00e-002	1.95e-003	1.76	-1.32	-1.37	96.39
146	455	0.20	1.31e-002	0.89	5.60	1.73	95.94
	257	6.36e-002	-2.12	0.68	-20.06	11.22	98.23
	258	-4.06e-002	-2.12	2.71	-3.70	1.98	104.16
	226	0.10	6.36e-003	2.93	-3.45	0.53	101.79
147	454	-3.01	-0.20	6.98	-7.50	4.16	59.61
	256	-3.27	-4.22	6.10	-65.88	34.59	67.94
	257	-6.02e-002	-4.01	-0.46	-17.22	15.94	97.21
	455	0.20	1.31e-002	0.42	-10.88	5.16	87.12
148	197	0.40	2.62e-002	2.51	-258.30	-38.64	-61.19
	235	-0.77	-6.67	-16.91	-62.86	-45.31	26.24
	256	-3.44	-6.85	2.00	-74.03	86.00	51.82
	454	-3.01	-0.20	21.41	-41.42	36.54	-45.23
149	244	-1.88	2.00	-0.15	-34.28	89.15	-123.89
	254	-1.49	7.92	5.24	-28.80	-17.78	-136.98
	255	0.32	8.03	1.24	-83.59	325.29	-78.08
	245	0.38	2.10	-4.13	-152.61	-139.60	-65.19
150	243	0.44	3.78	1.11	-13.49	20.87	-145.74
	253	0.55	5.50	-0.29	-7.37	-2.59	-150.17
	254	-1.66	5.36	0.92	-18.15	-82.19	-143.66
	244	-1.77	3.64	2.32	-16.87	53.11	-139.13
151	242	-8.10e-002	2.60	1.33	-5.50	-9.35	-136.79
	252	-9.61e-003	3.96	0.52	-1.78	-18.07	-138.48
	253	0.45	3.99	-4.20e-002	-3.17	-8.48	-144.73
	243	0.36	2.63	0.76	-9.50	-7.44	-143.01

152	241	1.11e-002	1.74	1.08	-3.74	-20.11	-124.42
	251	6.33e-002	2.54	0.42	-0.33	-28.14	-124.67
	252	-8.53e-002	2.53	0.67	0.35	-17.21	-133.64
	242	-0.14	1.73	1.32	-4.08	-13.16	-133.38
153	240	2.94e-002	0.65	1.25	-4.18	-24.31	-109.21
	250	5.27e-002	1.01	0.51	3.90e-002	-32.79	-109.10
	251	-3.64e-002	1.01	0.37	7.83e-002	-27.22	-119.66
	241	-5.98e-002	0.65	1.12	-3.25	-21.44	-119.77
154	239	5.39e-002	-0.33	1.12	-5.81	-25.78	-91.87
	249	4.11e-002	-0.52	0.38	0.25	-35.18	-91.55
	250	-4.74e-002	-0.53	0.51	-0.13	-31.67	-103.58
	240	-3.46e-002	-0.33	1.25	-4.07	-24.94	-103.90
155	238	0.14	-1.40	1.30	-10.94	-25.28	-71.86
	248	9.39e-002	-2.05	0.65	0.61	-37.36	-70.88
	249	-5.87e-002	-2.06	0.43	-0.43	-33.15	-85.35
	239	-1.69e-002	-1.41	1.08	-6.03	-26.17	-86.34
156	237	-0.32	-2.30	0.80	-26.26	-22.60	46.07
	247	-0.40	-3.51	2.16e-002	0.63	-42.84	42.93
	248	4.46e-003	-3.49	0.51	-1.65	-31.95	-63.00
	238	7.93e-002	-2.27	1.29	-11.98	-25.51	-66.33
157	236	1.66	-3.37	2.09	-57.47	-24.15	18.56
	246	1.57	-4.80	0.75	-18.90	-55.38	20.21
	247	-0.50	-4.94	-0.22	-6.73	-30.22	30.10
	237	-0.40	-3.51	1.12	-30.48	-21.58	39.49
158	433	0.15	-2.27	-3.76	-101.17	-89.52	31.06
	443	-0.42	-6.83	0.74	-246.04	-52.44	56.88
	246	1.45	-6.71	4.34	-43.67	-58.81	65.31
	236	1.74	-2.15	-0.17	-89.40	-19.32	20.32
159	234	-2.06	5.75	-0.87	-75.00	96.65	-100.27
	244	-2.31	1.97	1.87	-46.98	78.38	-122.26
	245	0.27	2.11	-6.57	-32.21	-104.19	-67.97
	235	0.28	5.90	-9.31	-194.85	-37.05	-47.45
160	233	-5.65e-002	3.17	-0.48	-26.23	15.55	-130.26
	243	-1.98e-002	3.75	0.68	-16.29	26.19	-145.23
	244	-2.20	3.61	4.32	-60.34	39.69	-136.13
	234	-2.24	3.03	3.16	-36.44	38.82	-121.08
161	232	-7.94e-002	1.37	2.27	-8.08	-4.93	-133.40
	242	-2.29e-003	2.60	1.88	-4.25	-6.25	-137.05
	243	-9.43e-002	2.60	0.33	-14.99	7.15	-140.18
	233	-0.17	1.37	0.72	-10.22	10.36	-136.52
162	231	1.80e-002	0.87	1.42	-4.13	-10.92	-124.18
	241	7.49e-002	1.74	1.30	-1.41	-16.48	-124.72
	242	-5.61e-002	1.73	1.87	-4.13	-10.81	-132.57
	232	-0.11	0.86	1.98	-3.14	-5.56	-132.03
163	230	1.36e-002	0.33	1.75	-3.92	-13.18	-109.75
	240	3.47e-002	0.65	1.60	-1.30	-20.26	-109.59
	241	4.22e-003	0.65	1.34	-1.95	-18.05	-119.71
	231	-1.71e-002	0.33	1.49	-2.51	-11.20	-119.86
164	477	1.16e-002	-0.17	1.50	-5.11	-13.71	-93.33
	239	-1.32e-003	-0.33	1.35	-2.58	-21.38	-92.78
	240	-2.93e-002	-0.33	1.60	-2.14	-21.00	-103.96
	230	-1.87e-002	-0.17	1.75	-3.53	-13.26	-104.51
165	476	0.10	-0.70	1.97	-9.51	-12.55	-76.45
	238	5.73e-002	-1.41	1.85	-6.68	-20.39	-74.68
	239	-6.98e-002	-1.42	1.31	-4.16	-21.86	-86.38
	477	-2.35e-002	-0.70	1.43	-5.71	-13.54	-88.14
166	475	0.18	-1.21	0.78	-24.70	-8.81	-60.31

	237	0.11	-2.27	0.37	-20.96	-16.68	54.24
	238	2.01e-003	-2.28	1.84	-11.27	-20.53	-66.50
	476	6.99e-002	-1.22	2.25	-12.41	-11.76	-72.60
167	474	2.43	-2.91	3.05	-70.54	-9.18	48.05
	236	2.40	-3.32	4.14	-72.69	-19.40	29.91
	237	3.20e-002	-3.48	0.70	-34.15	-13.89	40.74
	475	5.87e-002	-3.06	-0.39	-34.73	-5.82	-60.66
168	423	-0.18	-5.99	-8.81	-100.80	-97.66	46.52
	433	0.12	-2.26	-6.10	-202.42	-99.84	30.88
	236	2.48	-2.10	1.89	-86.54	-24.35	21.07
	474	2.24	-5.83	-0.83	-88.55	25.77	41.35
169	448	3.25	0.21	21.60	-40.67	34.44	47.16
	234	3.64	6.12	1.84	-71.80	80.94	-88.98
	235	0.31	5.89	-16.96	-64.48	-43.88	-58.56
	197	0.40	2.62e-002	2.81	-254.49	-38.33	30.19
170	225	-0.15	-9.68e-003	0.33	-10.32	4.30	-119.11
	233	5.87e-002	3.18	-0.64	-16.56	12.61	-129.45
	234	3.46	3.40	5.86	-63.14	29.66	-102.06
	448	3.25	0.21	6.83	-5.98	-3.34	-92.17
171	447	-7.41e-002	-4.81e-003	2.79	-3.40	0.55	-131.27
	232	1.63e-002	1.38	2.59	-3.41	-3.18	-133.66
	233	-5.92e-002	1.38	0.57	-19.31	8.75	-129.42
	225	-0.15	-9.68e-003	0.76	5.32	1.28	-127.06
172	224	-8.67e-003	-5.63e-004	1.63	-1.44	-1.59	-123.94
	231	4.77e-002	0.87	1.56	-1.05	-7.50	-124.37
	232	-1.79e-002	0.86	2.31	-5.41	-3.73	-130.28
	447	-7.41e-002	-4.81e-003	2.38	2.29	-0.75	-129.86
173	446	-2.90e-003	-1.88e-004	2.06	-0.87	-1.96	-110.01
	230	1.85e-002	0.33	1.97	-0.85	-9.14	-109.99
	231	1.28e-002	0.33	1.64	-1.66	-7.85	-119.49
	224	-8.67e-003	-5.63e-004	1.72	-0.44	-1.59	-119.51
174	223	3.81e-003	2.48e-004	1.73	-0.57	-2.05	-94.25
	477	-7.11e-003	-0.17	1.64	-2.15	-9.47	-93.99
	230	-1.38e-002	-0.17	1.97	-1.17	-9.28	-104.39
	446	-2.90e-003	-1.88e-004	2.06	-0.45	-1.90	-104.65
175	445	7.23e-002	4.70e-003	2.36	-0.30	-1.95	-79.61
	476	2.65e-002	-0.70	2.29	-6.88	-8.40	-78.69
	477	-4.21e-002	-0.71	1.57	-2.47	-9.42	-88.00
	223	3.81e-003	2.48e-004	1.64	-1.26	-1.88	-88.91
176	222	0.14	9.26e-003	0.81	-1.43	-1.77	-70.85
	475	6.29e-002	-1.22	0.62	-21.08	5.27	-67.59
	476	-7.85e-003	-1.22	2.57	-7.71	-8.06	-72.40
	445	7.23e-002	4.70e-003	2.76	-3.15	1.38	-75.61
177	444	-3.12	-0.20	6.80	-17.15	-4.19	-74.42
	474	-3.32	-3.28	5.78	-52.67	-3.73	-64.35
	475	-5.77e-002	-3.07	-0.55	-25.51	-4.04	-61.64
	222	0.14	9.26e-003	0.47	-8.23	2.15	-71.55
178	193	0.44	2.84e-002	3.31	-114.78	-32.54	68.17
	423	0.11	-5.98	-16.07	-158.37	-94.38	42.76
	474	-3.51	-6.21	1.90	-80.36	35.05	51.67
	444	-3.12	-0.20	21.29	-23.76	12.60	-86.36
229	432	-2.18	3.22	-0.25	-63.98	115.82	152.88
	442	-1.88	7.79	4.48	-70.71	-44.95	196.55
	443	0.57	7.94	0.89	-89.52	421.61	101.30
	433	0.29	3.38	-3.84	-187.55	-148.05	60.05
230	431	0.47	4.36	1.20	-19.89	14.03	166.69
	441	0.60	6.28	-0.18	-11.20	38.61	170.61

	442	-1.99	6.11	0.79	-18.48	81.30	171.04
	432	-2.12	4.19	2.16	-26.04	48.58	167.02
231	430	-3.74e-002	3.15	1.33	-9.53	39.12	139.83
	440	7.08e-002	4.81	0.45	-1.30	57.04	140.61
	441	0.50	4.84	-6.28e-002	-1.73	23.56	158.78
	431	0.39	3.17	0.82	-11.46	19.29	157.99
232	429	-1.23e-002	2.30	1.03	7.90	50.20	106.89
	439	5.84e-002	3.39	0.45	-1.14	67.01	106.76
	440	-2.22e-002	3.38	0.69	-1.43	52.93	129.00
	430	-9.26e-002	2.30	1.27	-6.55	41.82	129.14
233	428	2.02e-002	1.25	1.20	7.88	54.23	-72.29
	438	6.28e-002	1.90	0.52	-1.61	70.71	-72.14
	439	-3.87e-002	1.90	0.40	-1.79	64.98	94.85
	429	-8.13e-002	1.24	1.08	6.96	51.04	95.00
234	427	5.17e-002	0.29	1.10	7.20	55.03	-43.77
	437	5.89e-002	0.41	0.41	-1.62	70.36	-43.71
	438	-3.56e-002	0.40	0.51	-1.81	70.17	-61.14
	428	-4.28e-002	0.29	1.19	7.56	54.40	-61.15
235	426	0.10	-0.77	1.20	-4.52	52.41	-40.94
	436	7.88e-002	-1.11	0.63	-1.21	64.57	-40.55
	437	-3.88e-002	-1.12	0.50	-1.62	71.95	-38.77
	427	-1.73e-002	-0.78	1.07	7.12	54.57	-38.85
236	425	-0.40	-1.63	1.01	-5.95	41.76	-60.03
	435	-0.46	-2.60	0.21	0.36	46.10	-58.49
	436	-1.64e-002	-2.57	0.36	-1.02	70.45	-46.48
	426	4.68e-002	-1.60	1.16	-4.75	50.93	-47.79
237	424	1.31	-2.82	1.38	-24.12	-16.13	-69.20
	434	1.26	-3.68	-8.27e-002	-0.47	-27.06	-65.35
	435	-0.54	-3.80	0.15	1.08	60.88	-64.64
	425	-0.48	-2.93	1.61	-3.96	38.79	-68.39
238	403	-0.20	-3.50	-1.57	-17.83	-112.78	-41.81
	413	-0.16	-2.77	-1.49	-32.21	-169.30	-36.54
	434	1.32	-2.67	-0.42	6.53	-27.57	-61.22
	424	1.28	-3.40	-0.50	-15.89	-18.57	-66.50
239	422	-2.16	5.97	-0.87	-83.70	99.90	121.33
	432	-2.34	3.21	1.97	-58.54	110.94	147.58
	433	0.46	3.39	-6.18	-117.74	-101.91	75.48
	423	0.64	6.15	-9.02	-151.26	-57.78	52.20
240	421	-0.20	3.26	-0.73	-30.55	9.32	152.15
	431	-0.13	4.32	0.71	-18.15	14.24	165.63
	432	-2.28	4.18	4.39	-78.67	34.67	158.50
	422	-2.35	3.12	2.95	-34.27	30.97	145.05
241	420	-6.29e-002	1.66	2.13	-11.19	21.60	137.43
	430	3.43e-002	3.15	1.81	-4.22	31.08	139.79
	431	-0.21	3.14	0.33	-16.65	16.17	154.57
	421	-0.30	1.64	0.64	-8.49	8.70	152.23
242	419	7.04e-003	1.13	1.32	7.45	27.54	106.85
	429	8.35e-002	2.31	1.24	-2.22	41.49	106.98
	430	-2.10e-002	2.30	1.75	-3.06	34.85	128.47
	420	-0.10	1.12	1.84	-3.81	21.26	128.36
243	418	4.95e-003	0.63	1.61	6.88	29.58	-72.38
	428	4.51e-002	1.25	1.50	-1.67	45.17	-72.28
	429	1.45e-002	1.25	1.28	-1.07	42.69	95.02
	419	-2.59e-002	0.62	1.39	5.14	27.43	95.12
244	417	-5.96e-003	0.14	1.41	6.03	30.00	-43.70
	427	3.57e-003	0.29	1.29	-1.53	46.08	-43.70
	428	-1.79e-002	0.29	1.49	-1.45	45.44	-61.20

	418	-2.70e-002	0.14	1.61	6.13	29.60	-61.15
245	416	5.80e-002	-0.37	1.79	-3.48	28.72	-42.32
	426	3.19e-002	-0.78	1.71	-2.08	44.35	-41.84
	427	-6.56e-002	-0.79	1.26	-2.65	45.43	-38.88
	417	-3.95e-002	-0.38	1.34	6.02	29.94	-38.93
246	415	0.32	-0.82	0.84	-7.93	23.53	-65.24
	425	0.27	-1.58	0.42	-3.83	36.42	-63.21
	426	-2.17e-002	-1.60	1.68	-5.99	42.08	-48.06
	416	2.81e-002	-0.84	2.09	-4.21	28.29	-49.78
247	414	3.61	-2.56	2.30	-36.51	-9.03	-80.31
	424	3.60	-2.67	4.03	-7.58	-13.82	-74.25
	425	0.18	-2.89	1.02	-14.77	31.64	-69.29
	415	0.19	-2.78	-0.71	-3.89	22.11	-75.21
248	393	-0.54	-6.51	-7.65	-58.76	-80.11	-48.26
	403	-0.34	-3.51	-4.55	-24.91	-99.44	-41.65
	424	3.57	-3.26	2.15	-30.92	-15.19	-68.82
	414	3.37	-6.25	-0.96	-15.31	10.41	-75.52
249	383	4.13	0.27	21.10	-35.37	21.16	96.43
	422	4.53	6.41	1.27	-58.93	81.92	111.55
	423	0.83	6.17	-16.27	-103.50	-53.15	61.92
	193	0.44	2.84e-002	3.56	-143.34	-23.91	52.11
250	221	-5.52e-002	-3.59e-003	0.58	-12.18	2.21	142.74
	421	0.16	3.28	-0.77	-14.87	7.23	149.79
	422	4.34	3.56	5.09	-66.33	22.32	130.58
	383	4.13	0.27	6.43	-15.15	3.92	123.99
251	380	-0.10	-6.39e-003	2.50	-5.36	3.17	135.49
	420	1.00e-002	1.66	2.38	-4.07	14.57	137.11
	421	5.35e-002	1.66	0.61	-19.54	6.56	145.68
	221	-5.52e-002	-3.59e-003	0.73	8.29	1.15	144.10
252	220	-1.85e-002	-1.20e-003	1.53	3.53	4.18	106.62
	419	5.51e-002	1.13	1.45	-3.77	18.89	106.82
	420	-2.49e-002	1.13	2.09	-3.90	14.64	126.72
	380	-0.10	-6.39e-003	2.17	1.98	3.05	126.52
253	379	-1.27e-002	-8.28e-004	1.91	3.03	4.48	-72.35
	418	2.82e-002	0.63	1.81	-3.65	20.38	-72.35
	419	2.24e-002	0.63	1.52	-2.33	18.99	94.79
	220	-1.85e-002	-1.20e-003	1.62	1.29	4.07	94.78
254	219	1.70e-003	1.10e-004	1.62	2.62	4.50	-43.63
	417	7.92e-003	0.14	1.52	-3.68	20.76	-43.65
	418	-3.85e-003	0.14	1.81	-3.19	20.46	-61.06
	379	-1.27e-002	-8.28e-004	1.91	2.29	4.46	-61.01
255	376	7.81e-002	5.07e-003	2.15	1.67	4.24	-42.90
	416	5.35e-002	-0.38	2.11	-4.19	20.08	-42.70
	417	-2.58e-002	-0.38	1.46	-4.21	20.62	-38.88
	219	1.70e-003	1.10e-004	1.50	2.64	4.57	-38.89
256	218	-7.92e-002	-5.15e-003	0.69	-2.61	3.24	-67.90
	415	-0.13	-0.85	0.54	-5.37	17.09	-67.04
	416	2.35e-002	-0.84	2.41	-6.68	19.26	-49.71
	376	7.81e-002	5.07e-003	2.57	2.76	4.48	-50.45
257	375	-3.86	-0.25	7.05	-15.85	-1.52	-87.96
	414	-4.04	-3.06	5.33	-5.08	-7.59	-85.57
	415	-0.26	-2.81	-1.01	-13.55	14.15	-75.06
	218	-7.92e-002	-5.15e-003	0.70	3.02	4.00	-77.39
258	190	-0.13	-8.59e-003	5.12	-95.65	-23.80	-66.60
	393	-0.55	-6.51	-15.61	-39.02	-67.38	-44.08
	414	-4.28	-6.75	2.07	-37.97	12.84	-76.71
	375	-3.86	-0.25	22.80	-3.26	7.22	-99.54

259	402	-1.10	2.67	-0.79	-11.96	-41.97	51.42
	412	-1.18	1.43	-0.59	-5.17	-37.18	51.43
	413	0.12	1.51	-1.45	-35.60	-54.44	33.16
	403	0.20	2.75	-1.65	-54.52	-39.97	33.09
260	401	0.34	2.59	1.23	-4.76	52.34	79.00
	411	0.37	2.96	0.16	-2.40	65.29	80.92
	412	-1.09	2.86	-0.25	-3.93	-52.49	63.07
	402	-1.11	2.50	0.82	-12.62	-39.94	61.12
261	400	-0.11	1.39	0.90	-4.44	54.02	109.57
	410	-5.46e-002	2.25	0.39	-0.95	70.32	110.65
	411	0.32	2.27	0.30	0.75	-63.06	90.11
	401	0.27	1.42	0.80	-4.88	51.21	89.04
262	399	2.08e-002	0.82	0.94	5.57	53.65	143.76
	409	4.39e-002	1.18	0.48	-0.47	69.40	144.06
	410	-0.12	1.17	0.56	0.25	68.58	121.55
	400	-0.15	0.81	1.02	-4.54	53.93	121.25
263	398	2.92e-002	5.62e-002	1.03	5.04	51.15	178.06
	408	3.11e-002	8.65e-002	0.46	-0.26	65.32	177.98
	409	-3.14e-002	8.56e-002	0.40	0.29	69.39	155.49
	399	-3.33e-002	5.70e-002	0.96	5.72	53.33	155.57
264	397	4.74e-002	-0.73	0.96	3.07	44.20	209.94
	407	2.13e-002	-1.13	0.39	-7.71e-002	55.38	209.62
	408	-4.40e-002	-1.14	0.47	-0.27	66.69	189.07
	398	-1.79e-002	-0.74	1.03	5.36	50.11	189.39
265	396	0.14	-1.55	1.04	2.24	25.90	235.77
	406	0.10	-2.28	0.57	-0.93	31.15	235.51
	407	-5.37e-002	-2.29	0.47	-0.19	58.29	219.66
	397	-6.67e-003	-1.56	0.93	3.96	41.39	219.91
266	395	-0.26	-2.17	0.77	6.94	25.55	-247.41
	405	-0.33	-3.38	0.24	-6.85	38.82	-248.69
	406	2.71e-002	-3.36	0.41	-2.61	36.70	244.01
	396	0.11	-2.15	0.95	3.35	17.72	242.73
267	394	1.18	-3.19	1.06	21.35	150.89	-215.48
	404	1.12	-4.07	-2.47e-002	-34.06	235.99	-220.71
	405	-0.39	-4.17	0.10	-13.09	15.56	-254.92
	395	-0.33	-3.28	1.16	8.14	54.61	-249.74
268	353	-0.56	-3.05	-1.87	-236.69	415.39	-36.50
	363	-0.59	-3.63	-0.74	141.16	847.87	-49.18
	404	1.16	-3.52	0.63	-58.24	57.73	-199.43
	394	1.19	-2.94	-0.54	28.93	242.19	-174.15
269	392	-3.54	6.24	-1.22	-22.71	-35.56	45.43
	402	-3.78	2.50	1.76	-24.93	-33.86	49.58
	403	6.31e-002	2.74	-4.62	-15.28	-37.69	40.46
	393	0.31	6.49	-7.61	-84.66	-46.94	35.84
270	391	-5.91e-002	2.92	-0.56	-7.17	29.78	72.63
	401	-8.20e-002	2.56	0.61	-11.41	45.73	78.14
	402	-3.79	2.32	3.37	-18.01	-32.55	60.34
	392	-3.77	2.67	2.20	-24.56	-23.58	54.85
271	390	-5.53e-002	0.75	1.92	-3.41	29.85	107.39
	400	-1.33e-002	1.40	1.40	-3.72	45.76	109.39
	401	-0.16	1.39	0.18	-5.92	43.70	87.24
	391	-0.20	0.74	0.69	-6.03	29.29	85.29
272	389	3.48e-002	0.42	1.15	-4.42	29.34	143.32
	399	6.12e-002	0.82	1.08	-1.03	45.26	143.86
	400	-5.10e-002	0.82	1.53	-2.00	45.66	120.43
	390	-7.74e-002	0.41	1.60	-3.66	29.76	119.90
273	388	1.69e-002	2.83e-002	1.42	3.82	27.71	178.53

	398	1.67e-002	5.64e-002	1.30	-0.47	43.18	178.43
	399	7.28e-003	5.66e-002	1.10	-1.06	44.87	155.39
	389	7.33e-003	2.85e-002	1.22	-4.85	29.20	155.49
274	387	8.52e-003	-0.37	1.22	1.76	23.35	211.02
	397	-1.56e-002	-0.74	1.10	0.45	37.36	210.55
	398	-3.04e-002	-0.74	1.30	-1.38	41.94	189.55
	388	-6.53e-003	-0.37	1.42	4.82	27.54	190.02
275	386	8.85e-002	-0.78	1.60	3.59	11.19	236.26
	396	3.77e-002	-1.56	1.52	2.46	21.72	236.05
	397	-6.95e-002	-1.56	1.08	3.09	34.01	220.38
	387	-1.88e-002	-0.78	1.15	4.59	23.05	220.59
276	385	0.20	-1.13	0.68	7.22	24.13	-242.30
	395	0.13	-2.14	0.22	-17.47	21.44	-245.90
	396	1.66e-003	-2.15	1.43	4.59	11.81	243.52
	386	6.51e-002	-1.14	1.89	8.11	10.22	239.92
277	384	3.23	-2.86	2.28	15.38	97.52	-194.07
	394	3.22	-3.05	3.38	-91.52	115.83	-214.58
	395	5.77e-002	-3.26	0.61	7.74	61.28	-250.13
	385	7.01e-002	-3.07	-0.49	31.00	34.36	-229.62
278	343	-0.42	-6.25	-7.52	-254.76	103.55	-37.42
	353	0.27	-3.03	-4.64	40.83	322.74	-36.17
	394	3.24	-2.81	1.78	40.28	213.13	-174.80
	384	3.03	-6.03	-1.10	100.70	202.01	-138.21
279	372	2.84	0.18	22.43	-9.60	13.96	28.42
	392	3.27	6.68	2.37	-36.48	29.56	41.98
	393	0.29	6.49	-15.56	-14.50	-42.71	42.65
	190	-0.13	-8.59e-003	4.50	-121.54	-22.22	22.18
280	217	-8.52e-002	-5.54e-003	0.29	-1.09	5.16	69.06
	391	0.11	2.93	-1.01	-11.63	20.71	72.27
	392	3.03	3.12	5.79	-17.84	-18.01	49.40
	372	2.84	0.18	7.08	-8.81	-2.54	46.46
281	371	-7.82e-002	-5.08e-003	2.43	-0.81	4.56	106.36
	390	-2.89e-002	0.75	2.26	-4.46	20.81	107.37
	391	-3.60e-002	0.75	0.25	-7.77	21.26	82.96
	217	-8.52e-002	-5.54e-003	0.42	-1.04	4.05	81.99
282	216	3.17e-003	2.06e-004	1.24	0.90	4.32	143.05
	389	3.02e-002	0.42	1.22	-2.17	20.56	143.33
	390	-5.11e-002	0.41	1.94	-3.75	21.02	119.19
	371	-7.82e-002	-5.08e-003	1.96	-1.19	4.30	118.92
283	368	5.92e-003	3.84e-004	1.68	0.51	4.01	178.56
	388	5.40e-003	2.86e-002	1.61	-1.39	19.48	178.56
	389	2.86e-003	2.87e-002	1.30	-2.52	20.45	155.32
	216	3.17e-003	2.06e-004	1.36	1.41	4.29	155.33
284	215	9.47e-003	6.16e-004	1.37	1.31	3.28	210.88
	387	-1.44e-002	-0.37	1.30	-0.53	16.47	210.78
	388	-1.80e-002	-0.37	1.61	-2.68	19.17	190.05
	368	5.92e-003	3.84e-004	1.67	1.63	4.09	190.16
285	367	8.43e-002	5.48e-003	1.94	5.75	1.38	233.79
	386	3.33e-002	-0.78	1.91	-5.05	7.76	234.05
	387	-4.16e-002	-0.78	1.24	-3.59	15.84	220.78
	215	9.47e-003	6.16e-004	1.26	2.43	3.43	220.52
286	214	0.10	6.46e-003	0.50	14.89	3.66	-228.70
	385	2.53e-002	-1.14	0.34	-26.43	18.27	-231.71
	386	1.00e-002	-1.14	2.20	3.30	6.45	240.23
	367	8.43e-002	5.48e-003	2.36	5.71	1.17	237.22
287	364	-2.78	-0.18	6.56	22.00	11.73	-150.22
	384	-2.98	-3.26	5.40	-98.82	69.70	-165.23

	385	-0.10	-3.08	-0.83	11.63	27.90	-227.77
	214	0.10	6.46e-003	0.34	-17.74	7.27	-212.60
288	187	0.31	2.04e-002	3.97	304.79	27.98	-76.26
	343	0.33	-6.24	-14.77	80.05	50.50	-30.68
	384	-3.19	-6.43	2.02	74.75	155.50	-119.88
	364	-2.78	-0.18	20.76	63.14	52.82	-56.82
329	352	-1.40	3.12	-0.60	-46.40	-137.59	262.31
	362	-1.38	3.47	0.36	69.33	-24.08	272.96
	363	0.29	3.56	-1.07	-122.30	-647.53	-157.45
	353	0.29	3.20	-1.98	211.32	-329.73	-146.29
330	351	0.49	3.15	1.33	-14.70	-8.88	300.13
	361	0.57	4.35	1.46e-002	16.08	38.33	299.56
	362	-1.33	4.22	4.01e-002	14.72	-159.89	284.35
	352	-1.41	3.02	1.36	-13.32	-99.01	284.87
331	350	-2.31e-002	2.19	0.94	-9.50	42.02	274.76
	360	5.81e-002	3.44	0.25	2.15	65.45	273.95
	361	0.51	3.47	3.95e-002	1.99	-11.41	290.37
	351	0.43	2.22	0.72	-4.74	-9.74	291.17
332	349	-1.50e-002	1.65	0.77	10.01	57.91	234.63
	359	3.50e-002	2.42	0.40	1.57	78.78	233.88
	360	-9.06e-003	2.41	0.54	-2.04	54.57	260.63
	350	-5.86e-002	1.64	0.91	-5.37	45.33	261.39
333	348	1.33e-002	0.90	0.88	11.02	64.33	187.37
	358	4.40e-002	1.37	0.41	-2.58	84.72	186.95
	359	-3.33e-002	1.37	0.33	-2.88	73.63	218.26
	349	-6.42e-002	0.89	0.79	8.65	59.06	218.68
334	347	4.56e-002	0.24	0.80	11.14	67.35	136.79
	357	5.08e-002	0.34	0.33	-2.87	87.11	136.65
	358	-2.57e-002	0.34	0.41	-3.15	82.26	169.99
	348	-3.09e-002	0.24	0.88	10.42	64.79	170.12
335	346	5.06e-002	-0.55	0.90	9.35	67.77	85.66
	356	3.68e-002	-0.77	0.54	-2.70	85.52	85.90
	357	-1.79e-002	-0.77	0.41	-3.09	86.97	119.12
	347	-3.90e-003	-0.55	0.77	10.76	67.31	118.88
336	345	-0.44	-1.12	0.74	-3.13	62.27	38.55
	355	-0.49	-1.82	8.60e-002	-2.05	74.30	39.63
	356	-3.07e-002	-1.79	0.24	-2.60	89.31	68.92
	346	1.53e-002	-1.09	0.90	9.19	67.18	67.77
337	344	1.26	-1.96	1.19	-14.00	36.71	11.43
	354	1.23	-2.51	-0.14	-2.06	37.44	11.37
	355	-0.54	-2.62	4.87e-002	-1.42	85.73	26.28
	345	-0.50	-2.07	1.38	-4.18	61.88	23.62
338	323	-0.25	-2.51	-1.67	-31.39	-55.60	-13.58
	333	-0.16	-1.23	-1.58	6.94	-71.49	9.46
	354	1.32	-1.14	-0.58	2.57	55.74	10.81
	344	1.23	-2.41	-0.66	-6.31	36.09	-14.03
339	342	-2.88	5.66	-1.29	88.64	-150.85	223.08
	352	-3.06	3.01	1.76	-44.00	-128.07	256.10
	353	0.34	3.22	-4.75	-36.97	-258.23	-136.07
	343	0.48	5.88	-7.80	249.38	-75.20	-103.71
340	341	-0.28	2.64	-1.14	29.54	-7.50	287.08
	351	-0.25	3.10	0.74	-7.39	-15.19	298.50
	352	-3.06	2.92	3.71	74.55	-75.72	279.00
	342	-3.09	2.46	1.83	-15.54	-62.94	267.54
341	340	-4.22e-002	1.13	1.61	12.17	24.32	273.93
	350	2.67e-002	2.19	1.33	-3.90	32.86	274.69
	351	-0.31	2.17	0.14	15.23	-8.11	289.87

	341	-0.38	1.11	0.42	-8.40	-4.23	289.11
342	339	1.33e-002	0.81	0.94	9.90	32.14	235.32
	349	6.82e-002	1.65	0.89	-3.38	47.56	234.79
	350	-8.90e-003	1.65	1.30	1.95	38.10	261.76
	340	-6.38e-002	0.80	1.35	-2.20	22.87	262.29
343	338	2.94e-003	0.45	1.18	10.13	35.21	187.80
	348	3.13e-002	0.90	1.09	-2.47	53.30	187.44
	349	1.90e-002	0.90	0.91	-0.61	49.49	219.13
	339	-1.01e-002	0.45	9.97e-001	6.49	31.85	219.48
344	337	-1.00e-002	0.12	9.99e-001	9.99	36.77	136.63
	347	-2.69e-003	0.24	0.91	-2.10	56.05	136.57
	348	-1.29e-002	0.24	1.09	-1.23	54.11	170.33
	338	-2.00e-002	0.12	1.18	8.70	35.30	170.38
345	336	4.12e-002	-0.26	1.35	8.05	37.24	84.32
	346	2.26e-002	-0.55	1.30	-2.43	56.81	84.71
	347	-5.18e-002	-0.55	0.89	-2.14	56.04	118.88
	337	-3.32e-002	-0.26	0.94	9.25	36.78	118.48
346	335	0.37	-0.55	0.45	-2.04	35.12	34.79
	345	0.34	-1.07	0.14	-4.09	53.10	36.22
	346	-1.31e-002	-1.09	1.30	-4.74	55.70	67.57
	336	2.05e-002	-0.57	1.62	7.94	36.79	66.02
347	334	3.38	-1.99	1.72	-25.18	22.16	-15.67
	344	3.39	-1.82	3.63	-8.66	32.25	-12.59
	345	0.28	-2.02	0.78	-11.99	51.35	23.11
	335	0.26	-2.20	-1.14	-2.76	34.23	19.26
348	313	-0.77	-5.73	-7.63	-67.55	-51.71	-17.05
	323	-0.56	-2.53	-4.49	-7.78	-51.27	10.79
	344	3.36	-2.27	1.78	-25.70	30.30	-14.85
	334	3.15	-5.47	-1.36	-9.64	31.47	-21.01
349	302	4.13	0.27	20.70	62.64	-39.71	150.59
	342	4.51	6.14	1.08	-56.95	-120.27	210.64
	343	0.62	5.89	-15.05	-78.50	-37.93	-113.65
	187	0.31	2.04e-002	4.57	295.57	-25.76	-56.80
350	213	0.14	9.31e-003	0.42	15.64	-1.30	276.65
	341	0.32	2.68	-1.36	-6.84	-7.59	284.21
	342	4.31	2.94	4.20	87.40	-43.21	244.74
	302	4.13	0.27	5.97	-39.68	-10.13	237.19
351	301	-8.33e-002	-5.41e-003	1.96	7.12	3.78	272.29
	340	-9.18e-003	1.14	1.84	-4.44	16.21	273.38
	341	0.22	1.15	0.20	21.75	-3.08	281.52
	213	0.14	9.31e-003	0.32	-16.04	-1.18	280.43
352	212	-1.73e-002	-1.13e-003	1.04	5.22	5.02	235.31
	339	3.52e-002	0.81	1.01	-5.17	21.87	235.23
	340	-3.08e-002	0.80	1.58	2.29	15.77	260.72
	301	-8.33e-002	-5.41e-003	1.60	-2.96	3.21	260.80
353	298	-9.19e-003	-5.97e-004	1.39	4.90	5.45	187.88
	338	2.02e-002	0.45	1.32	-4.82	24.06	187.77
	339	1.20e-002	0.45	1.07	-2.38	21.98	219.22
	212	-1.73e-002	-1.13e-003	1.14	-1.91	4.77	219.33
354	211	1.98e-003	1.29e-004	1.14	4.75	5.65	136.50
	337	7.97e-003	0.12	1.07	-4.78	25.22	136.51
	338	-2.77e-003	0.12	1.32	-3.56	24.29	170.30
	298	-9.19e-003	-5.97e-004	1.39	3.49	5.37	170.30
355	297	6.60e-002	4.29e-003	1.60	4.14	5.66	83.59
	336	4.96e-002	-0.26	1.59	-5.30	25.72	83.78
	337	-1.58e-002	-0.26	1.01	-4.45	25.22	118.40
	211	1.98e-003	1.29e-004	1.03	4.04	5.66	118.20

356	210	-0.17	-1.13e-002	0.30	1.56	5.14	32.45
	335	-0.21	-0.59	0.18	-6.75	24.85	33.09
	336	2.90e-002	-0.57	1.86	-6.56	25.02	65.92
	297	6.60e-002	4.29e-003	1.98	4.20	5.81	65.21
357	294	-4.11	-0.27	6.18	-9.87	2.62	-21.32
	334	-4.25	-2.49	4.34	-7.38	17.76	-19.59
	335	-0.32	-2.23	-1.42	-12.61	22.53	19.12
	210	-0.17	-1.13e-002	0.43	4.28	5.77	17.87
358	181	-0.70	-4.53e-002	4.92	-102.49	-19.13	-32.15
	313	-1.07	-5.75	-15.10	-24.50	-45.13	12.45
	334	-4.48	-5.97	1.26	-34.52	27.73	-22.10
	294	-4.11	-0.27	21.28	-2.72	10.36	-42.36
359	322	-1.12	3.52	-0.36	-9.82	-40.89	24.90
	332	-1.15	3.10	-0.29	-2.53	50.30	25.58
	333	0.12	3.18	-1.37	-17.26	-35.25	11.91
	323	0.15	3.60	-1.43	-39.47	-32.77	11.29
360	321	0.37	3.16	1.54	-2.22	65.94	55.70
	331	0.42	3.97	0.23	-1.92	87.16	57.99
	332	-1.10	3.87	-6.83e-002	-2.37	53.68	36.87
	322	-1.15	3.06	1.27	-12.09	45.26	34.71
361	320	-8.73e-002	1.71	1.22	6.62	72.52	-97.79
	330	-2.11e-002	2.73	0.47	-1.14	95.66	-99.06
	331	0.34	2.76	0.35	0.56	81.39	70.86
	321	0.27	1.73	1.10	-2.29	66.76	69.62
362	319	2.99e-002	0.85	1.22	8.63	74.16	-146.05
	329	5.33e-002	1.21	0.56	-0.85	96.53	-146.45
	330	-0.12	1.20	0.65	-0.50	92.68	-114.56
	320	-0.14	0.84	1.32	6.59	73.15	-114.17
363	318	4.65e-002	-0.33	1.32	8.42	72.54	-195.52
	328	3.91e-002	-0.46	0.55	-0.69	93.35	-195.49
	329	-5.10e-002	-0.47	0.48	-0.66	95.95	-162.87
	319	-4.36e-002	-0.33	1.24	8.73	74.17	-162.90
364	317	7.03e-002	-1.32	1.24	6.70	65.59	-243.14
	327	2.53e-002	-2.02	0.47	-0.45	83.48	-242.88
	328	-6.53e-002	-2.02	0.55	-0.60	94.43	-211.78
	318	-2.03e-002	-1.32	1.32	8.77	71.68	-212.04
365	316	0.17	-2.43	1.32	4.66	45.54	-285.05
	326	0.10	-3.60	0.66	-0.71	57.27	-285.05
	327	-7.90e-002	-3.61	0.55	-0.15	86.21	-258.33
	317	-4.05e-003	-2.44	1.21	7.91	62.68	-258.34
366	315	-0.25	-3.35	1.05	5.13	12.65	-312.35
	325	-0.36	-5.15	0.31	8.68	21.51	-314.62
	326	-9.62e-003	-5.12	0.49	3.83	63.44	-299.50
	316	0.12	-3.33	1.23	8.55	35.55	-297.23
367	314	1.31	-4.68	1.32	11.50	-146.14	-288.84
	324	1.20	-6.23	7.19e-002	41.90	-249.22	-295.23
	325	-0.44	-6.34	0.18	19.13	19.41	-327.52
	315	-0.34	-4.78	1.45	16.34	47.63	-321.14
368	277	-0.68	-4.95	-1.69	370.31	-415.12	-63.60
	283	-0.75	-6.05	-0.70	-281.65	-975.66	-76.19
	324	1.23	-5.93	0.67	74.68	21.45	-259.62
	314	1.30	-4.82	-0.42	37.51	-254.83	-244.44
369	312	-3.38	6.43	-0.71	-16.95	35.09	19.37
	322	-3.58	3.36	2.22	-25.71	-33.09	22.97
	323	-0.17	3.58	-4.25	-6.91	-31.82	15.19
	313	5.42e-002	6.65	-7.17	-73.88	-42.37	11.20
370	311	-7.59e-002	3.04	-0.23	-2.93	37.34	49.11

	321	-7.01e-002	3.13	1.02	-11.51	56.33	54.72
	322	-3.61	2.90	3.83	-13.79	38.06	32.84
	312	-3.61	2.81	2.60	-23.92	26.48	27.92
371	310	-4.49e-002	0.91	2.29	5.22	40.04	-95.30
	320	8.04e-003	1.71	1.79	-3.52	61.01	-97.49
	321	-0.16	1.70	0.58	-4.44	57.01	67.32
	311	-0.22	0.90	1.08	-3.37	37.47	65.21
372	309	4.01e-002	0.42	1.55	7.15	40.54	-145.39
	319	6.73e-002	0.85	1.44	-0.62	62.34	-146.06
	320	-4.96e-002	0.84	1.89	-1.11	61.86	-113.13
	310	-7.69e-002	0.42	1.99	5.20	40.11	-112.47
373	308	2.97e-002	-0.16	1.82	6.75	39.31	-195.79
	318	2.02e-002	-0.33	1.67	-0.58	61.04	-195.77
	319	-7.43e-003	-0.33	1.47	-0.59	62.38	-162.63
	309	3.65e-003	-0.17	1.61	7.42	40.50	-162.64
374	307	2.38e-002	-0.66	1.61	4.57	34.74	-243.81
	317	-1.96e-002	-1.32	1.46	1.11	55.18	-243.48
	318	-4.66e-002	-1.33	1.67	-0.84	59.99	-212.17
	308	-4.29e-003	-0.66	1.82	7.84	39.24	-212.50
375	306	0.11	-1.22	2.00	2.15	20.76	-284.22
	316	2.98e-002	-2.44	1.90	4.88	37.94	-284.56
	317	-9.29e-002	-2.45	1.44	-2.04	51.67	-258.76
	307	-1.42e-002	-1.22	1.54	8.38	34.65	-258.42
376	305	0.24	-1.71	1.06	5.02	19.74	-303.59
	315	0.14	-3.33	0.55	26.59	10.61	-309.51
	316	-2.95e-002	-3.34	1.80	1.88	25.59	-297.76
	306	7.60e-002	-1.72	2.31	14.73	20.30	-291.85
377	304	3.37	-3.69	2.71	32.24	-99.63	-262.34
	314	3.32	-4.55	3.83	123.73	-106.76	-291.24
	315	4.54e-002	-4.76	0.95	14.95	60.00	-320.36
	305	0.10	-3.90	-0.22	48.40	31.43	-291.47
378	271	-0.92	-7.31	-7.29	426.20	41.62	-45.71
	277	-0.78	-4.95	-4.51	-64.89	-311.45	-85.85
	314	3.31	-4.69	2.11	61.07	-222.37	-244.12
	304	3.16	-7.05	-0.69	142.78	-243.79	-199.72
379	292	2.98	0.19	22.24	-6.64	13.35	21.38
	312	3.41	6.87	2.63	-35.91	29.92	17.47
	313	-0.27	6.63	-14.64	-16.71	-39.21	15.85
	181	-0.70	-4.53e-002	4.98	-111.84	-20.50	13.39
380	209	-5.59e-002	-3.63e-003	0.82	1.03	6.29	45.86
	311	0.14	3.05	-0.56	-12.04	25.64	48.85
	312	3.18	3.25	5.92	-14.08	20.49	23.72
	292	2.98	0.19	7.28	-9.60	-2.77	21.80
381	291	-7.87e-002	-5.12e-003	2.84	1.73	6.10	-94.22
	310	-1.96e-002	0.91	2.67	-5.10	27.81	-95.25
	311	3.86e-003	0.91	0.75	-6.95	26.98	63.01
	209	-5.59e-002	-3.63e-003	0.93	-0.75	5.24	62.02
382	208	5.21e-003	3.38e-004	1.73	1.80	6.01	-145.04
	309	3.20e-002	0.42	1.68	-2.77	28.31	-145.36
	310	-5.15e-002	0.42	2.36	-3.76	28.24	-111.78
	291	-7.87e-002	-5.12e-003	2.41	1.60	5.83	-111.47
383	288	1.34e-002	8.70e-004	2.14	1.25	5.75	-195.70
	308	4.26e-003	-0.17	2.05	-1.80	27.51	-195.73
	309	-5.66e-003	-0.17	1.75	-2.79	28.30	-162.50
	208	5.21e-003	3.38e-004	1.84	2.12	5.97	-162.47
384	207	2.20e-002	1.43e-003	1.84	0.81	4.98	-243.30
	307	-2.11e-002	-0.66	1.74	-0.29	24.33	-243.26

	308	-2.98e-002	-0.66	2.05	-2.98	27.29	-212.57
	288	1.34e-002	8.70e-004	2.15	2.52	5.83	-212.61
385	287	0.10	6.71e-003	2.42	-6.12	2.77	-280.20
	306	2.43e-002	-1.22	2.37	7.41	14.17	-280.75
	307	-5.79e-002	-1.23	1.67	-3.50	23.90	-258.64
	207	2.20e-002	1.43e-003	1.72	3.61	5.13	-258.09
386	206	0.12	7.82e-003	0.93	-16.72	2.94	-283.95
	305	-1.16e-002	-1.73	0.74	36.45	16.13	-288.28
	306	-1.14e-002	-1.73	2.68	-1.44	13.50	-292.05
	287	0.10	6.71e-003	2.87	7.81	2.46	-287.72
387	284	-2.90	-0.19	7.30	-20.32	-10.95	-200.49
	304	-3.15	-4.11	6.08	132.45	-72.63	-221.32
	305	-0.14	-3.91	-0.53	21.22	26.26	-288.47
	206	0.12	7.82e-003	0.73	23.11	-7.68	-267.60
388	176	-0.85	-5.53e-002	4.16	531.33	63.87	-44.63
	271	-1.29	-7.34	-15.16	66.54	24.78	-74.10
	304	-3.37	-7.48	2.71	117.75	-191.99	-174.18
	284	-2.90	-0.19	22.03	88.81	-73.97	-68.63
429	276	-1.15	0.79	-0.19	-87.56	-49.03	78.41
	282	-1.19	-0.90	0.60	33.25	-66.65	104.97
	283	0.45	-0.91	-0.89	-60.69	-199.60	-95.62
	277	0.42	0.84	-1.42	198.70	-73.50	-69.32
430	275	0.45	0.77	1.96	50.08	-15.22	52.43
	281	0.40	-1.30	0.32	9.60	-20.31	59.55
	282	-1.23	-1.37	0.19	23.50	-47.64	87.71
	276	-1.19	0.78	1.82	-61.91	-29.48	79.93
431	274	-0.18	-2.13	1.57	61.62	-4.19	18.16
	280	-0.24	-3.10	0.37	7.75	28.37	15.91
	281	0.27	-3.07	0.38	7.72	-22.24	41.56
	275	0.33	-2.10	1.58	48.25	-7.77	45.67
432	273	0.69	-3.61	2.10	105.13	16.40	-44.63
	279	0.59	-5.34	0.83	38.80	38.69	-61.42
	280	-0.39	-5.40	0.54	18.14	-21.97	26.55
	274	-0.28	-3.67	1.81	66.87	-18.33	18.62
433	272	0.39	-3.50	-0.68	440.34	105.60	17.59
	278	-0.69	-8.92	1.77	228.07	-207.80	-65.61
	279	0.39	-8.86	2.44	65.31	146.94	-86.32
	273	0.70	-3.44	1.30	141.17	-52.23	-37.54
434	270	-3.20	4.98	-0.31	140.19	-101.49	31.32
	276	-3.51	0.72	2.74	110.79	-45.53	71.92
	277	-0.48	0.84	-4.24	-94.09	-60.97	-54.43
	271	0.31	5.18	-6.86	316.27	-129.53	-24.00
435	269	6.79e-002	1.60	0.68	64.75	-19.54	34.16
	275	-3.91e-002	0.77	1.72	55.59	-24.05	56.73
	276	-3.54	-0.81	4.48	103.95	-22.19	65.64
	270	-3.44	1.38	3.42	104.09	-29.54	40.42
436	268	3.74e-002	-1.05	2.65	68.71	-17.96	36.70
	274	4.55e-002	-2.12	1.97	60.94	-8.43	29.64
	275	-0.16	-2.13	1.34	50.89	-10.31	38.63
	269	-0.10	-1.06	2.02	55.01	-15.64	46.16
437	267	0.96	-2.11	3.04	172.25	-29.57	33.64
	273	0.90	-3.61	3.45	168.52	12.98	28.81
	274	-0.14	-3.66	2.22	81.63	-34.87	19.18
	268	-4.67e-002	-2.16	1.80	92.03	-26.64	50.87
438	266	-0.43	-3.85	-2.50	594.61	244.85	43.76
	272	-0.42	-3.51	-1.69	148.93	124.58	24.40
	273	0.90	-3.44	2.62	183.82	-46.84	25.35

	267	0.85	-3.78	1.79	226.97	-144.26	41.36
439	205	2.77	0.18	23.44	64.80	-52.87	-99.59
	270	3.11	5.39	3.73	152.12	-101.76	-13.84
	271	0.59	5.16	-14.74	168.42	-139.97	-32.93
	176	-0.85	-5.53e-002	4.99	441.44	83.86	-88.50
440	204	-3.13e-002	-2.04e-003	1.68	12.88	-6.52	26.23
	269	7.72e-002	1.60	0.48	55.13	-16.85	39.09
	270	2.87	1.78	7.03	106.89	-26.62	13.25
	205	2.77	0.18	8.26	-21.00	-3.03	21.96
441	203	2.58e-002	1.68e-003	3.30	4.08	-1.90	60.51
	268	-8.71e-002	-1.06	3.00	65.37	-18.24	56.66
	269	-8.63e-002	-1.06	1.81	51.76	-14.04	34.70
	204	-3.13e-002	-2.04e-003	2.11	-5.33	-2.92	38.26
442	202	-1.10	-7.17e-002	4.64	36.48	5.30	119.40
	267	-1.24	-2.24	4.19	165.54	-31.77	88.35
	268	-0.16	-2.17	2.15	76.06	-21.50	49.54
	203	2.58e-002	1.68e-003	2.59	21.28	-10.17	78.74
443	175	-0.32	-2.06e-002	2.40	737.34	138.45	195.58
	266	-0.35	-3.84	-5.08	225.71	236.29	28.00
	267	-1.35	-3.92	2.93	244.49	-140.83	71.20
	202	-1.10	-7.17e-002	10.37	97.48	-81.95	240.24
600	158	-0.14	-7.68e-002	0.26	-324.56	1975.86	-191.32
	104	-0.18	-0.79	-1.52	861.61	429.15	-433.20
	41	-5.09e-002	-0.78	7.22e-002	2008.69	8131.76	1974.17
	116	-4.44e-003	-6.83e-002	1.78	-1635.78	916.92	2270.03
601	157	3.27e-002	6.82e-002	0.36	230.49	-1610.46	-774.78
	103	6.27e-002	0.47	0.18	174.72	-2158.66	-1078.76
	104	-0.16	0.48	-0.43	163.79	1664.79	-790.84
	158	-0.13	6.57e-002	-0.25	-22.78	507.84	-492.99
602	156	-2.23e-002	0.28	-0.19	463.77	-4116.44	-238.43
	102	-3.78e-002	0.53	-7.02e-002	-128.19	-6035.90	-535.27
	103	6.68e-002	0.53	0.20	-153.73	-1773.14	-1069.16
	157	5.09e-002	0.29	0.32	206.81	-2415.27	-744.01
603	155	0.65	3.14e-002	-0.39	985.58	-2268.03	5306.69
	1	0.70	0.91	-0.60	-207.66	-15176.07	4688.69
	102	-5.98e-002	0.87	-0.32	-1275.56	-4314.87	-317.33
	156	-6.57e-003	1.11e-002	-0.10	1340.48	-5898.89	362.54
604	154	-0.36	4.60e-002	-5.91e-002	-377.51	218.28	191.48
	158	-0.37	-9.18e-002	0.75	-245.28	1208.84	269.97
	116	-4.44e-003	-6.83e-002	0.89	138.90	280.20	734.47
	115	1.61e-003	2.48e-002	-0.11	-194.68	300.02	456.18
605	153	0.12	3.83e-002	-0.17	201.89	-1622.96	-212.55
	157	0.12	6.79e-002	0.28	363.19	-1389.05	-817.10
	158	-0.36	6.41e-002	0.24	-460.76	-279.94	-561.37
	154	-0.36	5.11e-002	-0.12	-203.87	-493.46	220.92
606	152	0.16	1.41e-002	-0.23	567.52	-2859.90	208.80
	156	0.18	0.29	-0.25	1057.36	-3520.82	-366.23
	157	0.14	0.29	-0.25	214.95	-2518.82	-748.17
	153	0.12	1.28e-002	-0.23	517.13	-2315.97	-285.30
607	151	-5.53e-002	2.94e-002	2.79e-002	-557.39	-1019.33	411.98
	155	-5.76e-002	-1.38e-002	-4.94e-003	-888.87	-1229.54	1912.86
	156	0.16	4.19e-003	-0.17	632.12	-4343.42	1104.09
	152	0.16	4.23e-002	-0.19	682.14	-2716.51	-427.96
608	150	0.14	5.66e-002	0.80	-233.57	673.15	218.47
	154	0.14	2.01e-002	-4.88e-002	-325.90	226.75	385.45
	115	1.61e-003	2.48e-002	-0.11	-112.85	257.99	192.69
	114	3.09e-003	4.75e-002	0.92	46.79	190.46	-251.21

609	149	0.12	0.31	-0.34	94.42	-1538.09	703.37
	153	0.11	3.67e-002	-0.16	205.84	-1707.42	225.92
	154	0.14	2.72e-002	-0.16	-204.31	-501.64	188.58
	150	0.12	0.30	-0.34	-437.07	-528.04	626.66
610	148	2.53e-002	0.15	0.11	621.78	-3589.17	172.35
	152	1.78e-002	9.39e-003	-0.18	529.84	-2914.64	-322.57
	153	0.10	1.10e-002	-0.22	492.43	-2335.09	237.66
	149	0.11	0.15	0.16	-103.10	-2747.42	615.61
611	147	-0.26	2.23e-002	3.75e-002	-1243.97	-1341.92	-2060.31
	151	-0.26	1.57e-002	-9.01e-002	-607.69	-1026.45	-597.79
	152	1.91e-002	3.34e-002	-0.14	599.70	-2743.46	238.36
	148	1.74e-002	1.02e-002	2.71e-002	238.20	-4280.01	-1260.92
612	107	-1.92e-002	0.53	-1.16	1014.95	-671.36	584.22
	150	-4.02e-002	4.76e-002	-0.44	-325.74	1148.53	250.40
	114	3.09e-003	4.75e-002	1.98	-1082.47	549.15	-1238.16
	46	3.43e-002	0.53	-0.45	1359.35	5637.13	-861.16
613	106	-3.57e-002	0.32	0.22	-486.72	-2558.29	346.69
	149	-4.42e-002	0.31	0.40	-85.07	-1936.64	548.16
	150	-3.42e-002	0.31	-0.10	-279.06	304.23	539.32
	107	-2.56e-002	0.32	-0.22	507.91	751.82	340.05
614	105	-3.32e-002	0.35	-0.10	-2052.47	-5858.97	122.11
	148	-3.55e-002	0.15	0.12	127.85	-4288.45	171.39
	149	-3.70e-002	0.15	0.21	-353.60	-2597.15	438.62
	106	-3.81e-002	0.35	0.19	-907.86	-1864.76	304.72
615	3	0.32	0.56	0.15	329.57	-15330.05	-3880.15
	147	0.35	2.99e-002	0.32	221.25	-2165.44	-5375.13
	148	-4.15e-002	8.19e-003	3.26e-002	948.42	-5988.03	-679.24
	105	-3.73e-002	0.58	0.35	-2955.10	-3555.27	832.62
616	146	-8.24e-002	7.14e-002	0.40	73.47	1693.13	240.43
	107	5.79e-002	0.52	-1.17	800.41	-743.81	-216.08
	46	3.43e-002	0.53	0.23	1892.39	5810.62	1268.45
	119	4.57e-003	7.03e-002	1.65	-1462.91	856.45	1565.47
617	145	-3.08e-002	0.20	0.38	-152.47	-2107.44	-347.22
	106	-2.13e-002	0.32	0.24	-522.01	-2551.09	153.17
	107	6.43e-002	0.32	-0.23	501.99	722.96	199.62
	146	-7.66e-002	0.20	-0.10	72.14	332.72	-266.37
618	144	-7.10e-002	0.28	-0.30	-1120.78	-4935.08	-323.96
	105	-6.70e-002	0.34	-0.17	-1476.71	-5910.77	127.86
	106	-2.08e-002	0.35	0.21	-727.48	-1971.38	160.46
	145	-2.48e-002	0.28	0.33	-613.80	-2760.38	-415.72
619	143	0.73	0.11	-0.32	412.40	-2932.33	5298.20
	3	0.76	0.62	-0.47	551.02	-15787.80	3870.90
	105	-5.23e-002	0.57	-0.43	-2264.47	-3310.89	-972.22
	144	-8.48e-002	6.25e-002	-0.24	-158.45	-7904.06	478.24
620	142	-0.32	7.42e-002	-6.93e-002	-675.38	504.03	-227.01
	146	-0.31	6.22e-002	0.74	-172.44	1288.16	217.59
	119	4.57e-003	7.03e-002	0.96	92.55	457.63	501.68
	118	3.94e-003	6.06e-002	0.18	-163.59	673.17	233.46
621	141	2.51e-002	0.14	0.17	-123.95	-2092.22	194.03
	145	2.34e-002	0.20	0.32	-166.83	-1857.61	-476.07
	146	-0.31	0.21	0.26	-578.82	-486.63	-387.64
	142	-0.32	0.15	0.11	-464.35	-427.16	177.10
622	140	0.10	0.11	-0.33	296.17	-4257.82	144.74
	144	0.11	0.29	-0.33	662.77	-4311.69	-465.07
	145	3.44e-002	0.28	-0.27	-233.16	-3148.20	-570.08
	141	2.38e-002	0.11	0.27	78.21	-3037.44	184.81
623	139	-0.17	4.27e-002	7.18e-002	-1601.68	-2369.57	544.68

	143	-0.17	6.42e-002	-4.77e-002	-887.88	-1819.28	1813.77
	144	9.39e-002	7.27e-002	-0.27	-347.90	-6713.93	849.00
	140	9.25e-002	5.19e-002	-0.29	835.49	-4499.29	-447.70
624	138	0.25	0.12	0.85	-224.78	1214.50	-198.95
	142	0.25	5.36e-002	-5.35e-002	-663.97	492.35	254.29
	118	3.94e-003	6.06e-002	0.19	-161.83	675.40	-191.20
	117	8.44e-003	0.13	1.05	82.94	483.74	-457.36
625	137	4.00e-002	0.35	0.36	-215.14	-1883.97	512.37
	141	2.90e-002	0.14	0.17	-133.51	-2096.41	218.91
	142	0.25	0.13	-0.14	-480.88	-423.80	172.60
	138	0.24	0.34	-0.34	-608.33	-456.33	413.39
626	136	3.90e-002	0.23	0.23	648.81	-4380.69	491.39
	140	3.20e-002	0.11	0.27	294.07	-4264.54	140.40
	141	2.82e-002	0.11	0.27	75.31	-3043.70	199.91
	137	2.81e-002	0.22	0.21	-284.58	-3138.44	619.09
627	135	-0.33	4.80e-002	4.76e-002	-904.21	-1889.62	-1850.37
	139	-0.33	3.09e-002	-0.12	-1597.92	-2379.91	-581.62
	140	3.04e-002	4.84e-002	0.24	830.33	-4505.79	449.28
	136	3.11e-002	6.50e-002	0.16	-353.59	-6729.56	-844.42
628	110	-3.85e-002	0.69	-1.08	756.83	-468.55	192.42
	138	-3.56e-002	0.13	-0.49	-53.10	1612.10	-193.92
	117	8.44e-003	0.13	2.05	-1357.87	849.74	-1449.13
	47	4.51e-002	0.69	-0.51	1742.72	5306.61	-1211.05
629	109	-4.96e-002	0.37	0.21	-658.38	-2428.65	157.37
	137	-5.51e-002	0.35	0.42	-243.82	-2127.72	404.30
	138	-3.35e-002	0.35	-7.93e-002	-84.41	311.97	294.70
	110	-2.72e-002	0.37	-0.24	382.59	611.24	165.98
630	108	-7.55e-002	0.35	0.13	-1477.93	-5878.19	176.11
	136	-7.16e-002	0.22	0.21	-1158.72	-4992.94	397.67
	137	-4.40e-002	0.22	0.27	-663.43	-2768.81	464.55
	109	-4.67e-002	0.35	0.20	-886.18	-2030.68	234.65
631	4	0.51	0.52	0.26	672.81	-15375.53	-3872.27
	135	0.52	6.74e-002	0.30	262.92	-2996.50	-5278.81
	136	-7.38e-002	6.39e-002	0.14	-48.69	-7962.18	-409.93
	108	-7.68e-002	0.53	0.41	-2407.68	-3926.10	1021.10
632	134	-7.58e-002	-0.17	0.22	-726.54	492.57	-344.33
	110	-9.08e-002	0.70	-1.12	1101.33	-370.10	-625.55
	47	4.51e-002	0.69	0.31	991.79	5028.92	683.42
	122	-1.11e-002	-0.17	1.50	-744.50	473.82	974.87
633	133	-2.25e-002	0.17	0.35	9.37	-1811.91	-574.73
	109	-2.21e-002	0.37	0.20	-607.06	-2527.86	-401.46
	110	-7.37e-002	0.37	-0.28	638.77	731.56	-364.89
	134	-5.44e-002	0.17	0.15	-619.50	-333.29	-536.04
634	132	-4.52e-002	0.15	-0.20	1319.34	-3401.07	199.48
	108	-4.64e-002	0.35	-0.11	-2822.73	-5938.02	224.71
	109	-1.95e-002	0.35	0.18	-1129.78	-1744.53	-344.02
	133	-2.47e-002	0.15	0.27	32.48	-2563.42	-394.04
635	131	0.57	-4.56e-002	-0.22	-591.05	-2032.70	4926.43
	4	0.59	0.55	-0.39	743.80	-14294.86	3589.60
	108	5.04e-002	0.53	0.40	-3413.22	-4483.46	-694.75
	132	-4.45e-002	-3.17e-002	-9.09e-002	1910.69	-4337.00	670.65
636	130	0.15	1.28e-002	-5.84e-002	-30.98	-428.14	-285.54
	134	0.16	-0.18	0.60	-192.34	207.20	-219.34
	122	-1.11e-002	-0.17	0.66	16.10	49.38	146.57
	121	2.35e-004	3.61e-003	0.11	-60.51	-46.10	162.22
637	129	6.95e-002	-1.07e-002	0.18	296.26	-1539.51	-199.77
	133	7.85e-002	0.18	0.30	144.25	-1458.73	-596.68

	134	0.15	0.17	0.28	-273.72	-642.68	-549.40
	130	0.15	-1.95e-002	0.15	93.11	-642.32	172.11
638	128	0.10	-2.11e-002	0.17	416.36	-2022.25	379.45
	132	0.11	0.16	-0.19	339.52	-2971.56	222.92
	133	7.77e-002	0.15	-0.22	-22.49	-2351.94	-409.17
	129	6.88e-002	-1.79e-002	0.21	526.51	-1752.71	-238.48
639	127	-0.12	1.17e-002	4.79e-002	-181.80	-256.66	478.63
	131	-0.12	-3.65e-002	-2.91e-002	-1156.45	-964.02	1735.97
	132	0.10	-2.84e-002	-7.69e-002	205.22	-2646.75	1251.38
	128	0.10	1.81e-002	-0.15	268.76	-1899.85	122.75
640	126	0.21	0.21	0.61	-247.41	433.32	-180.12
	130	0.20	1.30e-002	-4.61e-002	-30.71	-388.63	167.16
	121	2.35e-004	3.61e-003	0.12	-87.95	24.54	-288.35
	120	1.31e-002	0.20	0.70	43.77	59.92	-399.31
641	125	0.11	0.20	0.32	346.28	-1330.08	726.20
	129	0.10	-8.53e-003	0.18	285.03	-1448.83	197.25
	130	0.20	-6.23e-003	0.14	92.75	-635.65	-188.73
	126	0.19	0.19	0.27	-282.06	-246.83	529.10
642	124	0.13	0.16	0.17	790.76	-2945.16	156.58
	128	0.12	-1.97e-002	0.16	390.07	-1966.28	-249.73
	129	0.10	-1.58e-002	0.21	525.91	-1754.05	290.31
	125	0.11	0.16	0.23	251.35	-2069.37	565.15
643	123	-0.15	-4.71e-002	1.71e-002	-942.41	-791.81	-1629.93
	127	-0.15	6.27e-003	-5.40e-002	-93.85	-254.24	-291.87
	128	0.12	1.58e-002	0.13	278.26	-1886.07	240.55
	124	0.12	-3.83e-002	6.30e-002	619.08	-2767.04	-1145.56
644	113	0.23	0.67	-1.24	1140.55	970.39	642.33
	126	0.21	0.21	0.14	-743.07	1108.31	398.45
	120	1.31e-002	0.20	1.72	-1063.26	737.33	-1714.88
	48	4.30e-002	0.66	-0.41	1426.38	7056.70	-1461.49
645	112	5.97e-002	0.41	0.16	95.41	-2096.73	1145.47
	125	3.67e-002	0.20	0.37	247.82	-1467.97	810.85
	126	0.18	0.19	-0.22	-399.42	287.08	595.05
	113	0.21	0.41	-0.43	542.55	1549.38	926.14
646	111	7.06e-002	0.41	-4.77e-002	-1047.45	-6109.75	411.94
	124	6.25e-002	0.16	0.16	1392.91	-3382.12	137.04
	125	4.28e-002	0.16	0.28	429.35	-2303.75	711.58
	112	6.01e-002	0.41	0.17	-300.71	-1684.19	1067.25
647	5	0.57	0.63	0.43	-134.19	-14317.99	-4410.83
	123	0.54	-3.11e-002	0.25	468.55	-1973.58	-4914.18
	124	5.32e-002	-4.29e-002	-5.61e-002	2088.43	-4476.62	-371.03
	111	8.66e-002	0.60	0.33	-1937.75	-5402.71	198.42

SFORZI "Dinamica SLDh Y" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	-12576.38	-865.01	197.73	-1733.88	-28957.51	-214259.58
	509	12576.38	865.01	-197.73	1733.88	-55630.63	-153372.46
2	255	28860.52	-1318.77	151.49	-5098.04	-30510.64	-165692.98
	196	-28860.52	1318.77	-151.49	5098.04	18677.98	-253512.40
3	487	-699.31	288.21	-218.58	-67994.59	56831.04	77212.56
	509	699.31	-288.21	218.58	67994.59	62874.71	81039.73
4	509	716.78	-452.16	-4666.59	21498.49	370174.81	-26474.14
	495	-716.78	452.16	4666.59	-21498.49	189865.34	-30190.33
5	195	5805.62	430.19	5516.27	32544.75	-545424.01	4469.75

31	500	-1630.49	-456.49	-474.40	-27818.46	87638.51	-87086.53
	499	1630.49	456.49	474.40	27818.46	97883.30	-90952.38
32	501	-2498.74	-529.91	306.94	27438.33	-55655.08	-112644.29
	500	2498.74	529.91	-306.94	-27438.33	-76638.57	-115221.23
33	502	-2975.39	-558.42	-154.75	8667.57	8324.87	-85661.55
	501	2975.39	558.42	154.75	-8667.57	39692.70	-81886.28
34	503	-3264.87	-659.33	-42.92	-16586.65	-8006.73	-97881.05
	502	3264.87	659.33	42.92	16586.65	8401.71	-99948.75
35	496	-3884.22	-271.17	-121.37	-20057.93	39756.26	-68836.25
	503	3884.22	271.17	121.37	20057.93	22309.36	-69591.24
36	160	1890.72	-1743.85	774.16	14317.13	-211341.92	-231881.39
	504	-1890.72	1743.85	-774.16	-14317.13	132105.08	-48863.27
37	163	145.66	-584.23	-2335.52	-5303.20	-33809.30	-42918.23
	505	-145.66	584.23	2335.52	5303.20	275185.09	-90995.52
38	166	-1246.51	-259.38	-2509.52	33950.42	-10392.21	-59816.94
	506	1246.51	259.38	2509.52	-33950.42	267324.31	-34183.11
39	169	-208.95	-187.81	-1957.75	-4448.29	-37338.13	-24633.44
	507	208.95	187.81	1957.75	4448.29	239656.98	-37747.94
40	172	488.85	-420.64	-829.35	20385.48	-142607.21	48522.24
	508	-488.85	420.64	829.35	-20385.48	227346.46	-9751.54
41	159	571.21	1118.61	179.36	-12150.87	-90348.17	252003.92
	498	-571.21	-1118.61	-179.36	12150.87	87877.14	50142.03
42	162	153.30	-138.62	-1028.01	-5369.44	87469.80	-56838.51
	499	-153.30	138.62	1028.01	5369.44	191212.06	-57813.48
43	165	-843.41	539.04	-979.84	21500.71	77958.65	112772.70
	500	843.41	-539.04	979.84	-21500.71	188390.19	33571.53
44	168	130.61	-296.82	-1046.36	-17669.45	90974.04	-67100.76
	501	-130.61	296.82	1046.36	17669.45	193005.70	-20431.41
45	171	139.42	-617.06	-1029.78	15085.20	94723.85	-145454.45
	502	-139.42	617.06	1029.78	-15085.20	185013.30	-21892.87
46	174	-393.53	-426.93	-854.05	20859.14	67572.92	-103651.00
	503	393.53	426.93	854.05	-20859.14	167261.51	14690.26
47	177	-1816.39	1111.71	433.82	-11605.46	-156485.87	146184.06
	496	1816.39	-1111.71	-433.82	11605.46	66691.57	155413.74
48	178	-663.80	1273.47	626.02	32507.30	-209876.95	168058.70
	497	663.80	-1273.47	-626.02	-32507.30	55488.86	175923.33
49	278	8982.09	53.09	-82.28	3362.75	22552.86	14504.30
	496	-8982.09	-53.09	82.28	-3362.75	31970.23	20577.19
50	497	-4245.89	-852.67	521.99	15656.00	-125314.30	-150224.17
	496	4245.89	852.67	-521.99	-15656.00	-73319.30	-174227.78
51	478	-3392.71	-333.79	-1335.68	-40253.68	206245.79	-47682.80
	497	3392.71	333.79	1335.68	40253.68	157514.08	-44866.96
52	173	16794.07	457.05	-26.82	3833.80	9157.39	149864.02
	278	-16794.07	-457.05	26.82	-3833.80	2965.64	41328.01
53	283	6250.12	-65.51	-180.91	4022.04	46296.19	16900.72
	478	-6250.12	65.51	180.91	-4022.04	-57128.28	-20613.50
54	173	12481.01	362.29	-117.46	-8356.87	17441.33	83108.71
	283	-12481.01	-362.29	117.46	8356.87	20613.36	32053.40
55	483	-332.93	254.41	106.47	3934.83	-60586.16	100113.39
	484	332.93	-254.41	-106.47	-3934.83	-24887.39	102939.91
56	482	-1062.89	535.31	-1104.13	-292926.93	263762.95	-144131.74

	483	1062.89	-535.31	1104.13	292926.93	344212.34	151812.24
57	481	-1403.97	264.26	198.00	36099.47	129569.00	73186.28
	482	1403.97	-264.26	-198.00	-36099.47	-127639.02	92921.03
58	480	-1746.83	305.76	1100.24	280254.25	-339182.61	90347.69
	481	1746.83	-305.76	-1100.24	-280254.25	-267337.41	79498.61
59	479	-2095.02	203.43	-684.16	-114733.54	228845.14	61427.96
	480	2095.02	-203.43	684.16	114733.54	214427.53	68992.33
60	478	-2661.38	409.70	886.40	130379.06	-251726.76	120924.45
	479	2661.38	-409.70	-886.40	-130379.06	-245400.53	108575.32
61	363	6174.08	-160.90	-431.95	-13146.59	70472.79	-27978.84
	480	-6174.08	160.90	431.95	13146.59	162389.35	-59607.98
62	186	12112.51	923.54	165.42	4991.99	-17277.20	207252.08
	363	-12112.51	-923.54	-165.42	-4991.99	-36212.92	86306.43
63	473	3352.30	1014.43	-84.96	-2904.07	27858.62	359439.62
	484	-3352.30	-1014.43	84.96	2904.07	18871.18	143647.54
64	255	20032.94	-51.82	397.74	10693.17	-74350.63	36693.53
	483	-20032.94	51.82	-397.74	-10693.17	-132655.55	-28373.32
65	492	788.93	623.58	269.61	-5031.32	-39078.51	61455.75
	489	-788.93	-623.58	-269.61	5031.32	-42137.60	125662.16
66	494	339.19	-133.33	-643.01	-14575.21	170586.26	-40301.86
	492	-339.19	133.33	643.01	14575.21	179876.69	-32441.04
67	492	3462.31	-699.40	347.12	-4606.47	-55225.42	-94562.19
	495	-3462.31	699.40	-347.12	4606.47	-83857.79	-183490.98
68	491	361.67	-87.18	227.69	29057.94	-83490.41	-36713.53
	492	-361.67	87.18	-227.69	-29057.94	-99291.65	-33251.84
69	490	-500.15	-1610.15	-487.89	-4427.15	72024.88	-252689.92
	491	500.15	1610.15	487.89	4427.15	73153.11	-226393.83
70	489	-640.28	49.17	237.31	21050.94	-103468.25	18225.73
	490	640.28	-49.17	-237.31	-21050.94	-86441.98	21129.64
71	488	-627.56	106.99	-521.95	-7109.03	129822.49	31678.00
	489	627.56	-106.99	521.95	7109.03	154684.01	26669.14
72	494	420.77	1504.91	675.71	-4955.96	-88751.23	209183.99
	488	-420.77	-1504.91	-675.71	4955.96	-114350.20	242291.23
73	493	-342.53	1076.13	430.55	-6457.04	-96803.85	237363.33
	494	342.53	-1076.13	-430.55	6457.04	-74604.42	190409.45
74	493	-109.65	-109.06	-378.71	9875.03	103016.06	-31576.47
	495	109.65	109.06	378.71	-9875.03	104337.72	-28185.75
75	473	-1613.57	278.23	-1633.71	-17996.66	-17533.36	24890.42
	490	1613.57	-278.23	1633.71	17996.66	273063.20	21304.05
76	382	428.56	-483.40	-4466.11	16299.63	-163987.26	11514.20
	473	-428.56	483.40	4466.11	-16299.63	319060.85	-27301.13
77	293	493.37	-1315.38	-4041.53	11715.68	-36210.69	35560.80
	382	-493.37	1315.38	4041.53	-11715.68	128409.25	-12127.47
78	200	751.56	-2924.30	-4296.22	10489.22	208888.86	155277.35
	293	-751.56	2924.30	4296.22	-10489.22	63886.70	-53009.91
79	255	-600.45	517.04	-1555.10	22286.23	151775.70	41811.39
	489	600.45	-517.04	1555.10	-22286.23	104855.54	43766.67
80	245	-3125.78	-595.13	801.61	19385.12	-100545.59	16156.25
	255	3125.78	595.13	-801.61	-19385.12	76453.34	-36723.12
81	235	-2556.17	-1157.00	939.70	19683.77	-182186.59	21736.96
	245	2556.17	1157.00	-939.70	-19683.77	149982.63	-18989.48

82	197	-3033.74	2924.61	2139.94	19984.70	-308996.13	149433.38
	235	3033.74	-2924.61	-2139.94	-19984.70	234236.05	-47109.47
83	443	-1530.16	427.20	267.62	16939.29	-275458.80	39861.75
	488	1530.16	-427.20	-267.62	-16939.29	246108.86	30671.64
84	433	-985.09	-502.32	-1544.90	38029.87	-177435.67	10803.39
	443	985.09	502.32	1544.90	-38029.87	230638.54	-27970.52
85	423	-880.14	-1041.11	-798.02	46612.56	-148304.36	20438.12
	433	880.14	1041.11	798.02	-46612.56	172445.59	-16242.25
86	193	-1125.08	2701.97	500.96	49623.55	-152604.30	141850.19
	423	1125.08	-2701.97	-500.96	-49623.55	145909.54	-47327.33
87	201	1552.98	186.14	766.42	-13548.19	-91474.24	-19693.79
	491	-1552.98	-186.14	-766.42	13548.19	255330.47	35072.65
88	196	-124.00	423.59	-326.29	9514.67	-39893.87	52272.51
	492	124.00	-423.59	326.29	-9514.67	114326.10	62116.58
89	192	436.43	-312.56	-1508.71	14055.25	-50460.41	-41019.95
	494	-436.43	312.56	1508.71	-14055.25	413997.72	-43426.45
90	487	1052.77	-702.69	238.90	7792.96	-212190.10	-53495.67
	493	-1052.77	702.69	-238.90	-7792.96	232864.20	-32903.38
91	185	1295.13	-1116.21	-1518.74	46010.57	-70385.70	-69594.24
	487	-1295.13	1116.21	1518.74	-46010.57	262728.40	-98824.72
92	486	-1308.75	-224.86	-58.90	-24295.62	29277.86	-57424.48
	487	1308.75	224.86	58.90	24295.62	-23967.32	-82429.50
93	485	-581.77	-217.93	271.75	113843.18	-78204.03	-68408.43
	486	581.77	217.93	-271.75	-113843.18	-71300.96	-51507.82
94	186	-5123.58	-388.38	-178.13	-3544.84	26617.36	-132573.57
	485	5123.58	388.38	178.13	3544.84	49890.67	-33670.14
95	183	2013.40	-537.28	3590.35	-31009.22	-459766.94	-41764.47
	485	-2013.40	537.28	-3590.35	31009.22	-80735.04	-56992.84
96	184	-42.89	-1265.90	-1284.01	-46494.61	64169.90	-83653.07
	486	42.89	1265.90	1284.01	46494.61	134660.04	-108399.45
97	179	-1702.64	1147.42	1953.69	31210.20	-391392.49	150255.82
	478	1702.64	-1147.42	-1953.69	-31210.20	-138643.17	159886.92
98	182	-268.46	1139.02	2198.38	-21190.70	-365325.48	145353.62
	479	268.46	-1139.02	-2198.38	21190.70	244433.87	162801.79
99	188	-1831.39	1040.25	2634.55	-78260.94	-465663.61	133095.92
	480	1831.39	-1040.25	-2634.55	78260.94	-253401.55	148344.27
100	191	-118.11	1060.00	-3982.36	-147890.29	-794715.19	135821.01
	481	118.11	-1060.00	3982.36	147890.29	289633.06	151206.69
101	194	-543.17	1133.54	-3769.67	146433.98	744156.50	144756.67
	482	543.17	-1133.54	3769.67	-146433.98	296576.30	161720.04
102	198	-6101.05	1466.72	15574.69	159616.92	-3994861.88	168245.33
	483	6101.05	-1466.72	-15574.69	-159616.92	-289384.17	230061.87
103	199	-1925.23	633.72	810.57	-17797.80	-356323.95	72482.03
	484	1925.23	-633.72	-810.57	17797.80	146679.82	100874.27
179	472	437.81	7.62	-140.97	-2061.38	1003.46	75.26
	473	-437.81	-7.62	140.97	2061.38	8398.20	336.90
180	467	427.44	-0.70	-23.07	-999.87	625.50	-48.27
	472	-427.44	0.70	23.07	999.87	-661.96	-13.61
181	466	393.93	-0.20	7.92	-707.40	1303.16	-37.58
	467	-393.93	0.20	-7.92	707.40	-898.93	27.22
182	471	3.05e-011	-50.35	4.60e-013	-1272.85	-1.04e-009	-701.57

	200	-3.05e-011	50.35	-4.60e-013	1272.85	-1.04e-009	-1984.06
183	470	2.42e-011	3.44	2.07e-011	-740.57	-4.66e-010	-124.76
	471	-2.42e-011	-3.44	-2.07e-011	740.57	4.66e-010	59.34
184	229	2.00e-011	4.12	4.56e-013	-656.47	-4.66e-010	41.15
	470	-2.00e-011	-4.12	-4.56e-013	656.47	-9.31e-010	179.01
185	469	2.00e-011	2.49	-3.25e-011	-448.11	-4.66e-010	52.37
	229	-2.00e-011	-2.49	3.25e-011	448.11	-4.66e-010	80.47
186	468	3.63e-011	2.86	1.46e-011	-189.79	-2.33e-010	50.92
	469	-3.63e-011	-2.86	-1.46e-011	189.79	4.55e-013	102.20
187	228	2.68e-011	2.74	-2.06e-011	126.06	-1.47e-009	58.16
	468	-2.68e-011	-2.74	2.06e-011	-126.06	-1.04e-009	88.19
188	465	337.53	-0.24	-3.08	-450.01	1561.44	-20.60
	466	-337.53	0.24	3.08	450.01	-1400.47	-32.99
189	464	275.63	-1.88e-002	-1.04	-185.52	1639.67	-22.69
	465	-275.63	1.88e-002	1.04	185.52	-1586.97	22.83
190	459	-214.57	-5.35e-002	-0.38	128.15	1649.09	-15.47
	464	214.57	5.35e-002	0.38	-128.15	-1644.87	-17.88
191	458	-154.98	-4.31e-002	-0.54	395.69	1630.03	11.47
	459	154.98	4.31e-002	0.54	-395.69	-1648.76	-13.42
192	457	-99.14	-4.60e-002	-0.77	671.66	1594.32	6.78
	458	99.14	4.60e-002	0.77	-671.66	-1627.92	-9.00
193	456	-58.94	-4.34e-002	-1.08	942.91	1538.97	3.81
	457	58.94	4.34e-002	1.08	-942.91	-1590.66	-5.58
194	463	3.30e-011	2.79	1.46e-011	394.92	-4.66e-010	62.42
	228	-3.30e-011	-2.79	-1.46e-011	-394.92	-9.31e-010	86.38
195	462	-2.41e-011	2.77	2.06e-011	672.33	-4.65e-013	67.32
	463	2.41e-011	-2.77	-2.06e-011	-672.33	-5.66e-013	80.42
196	227	3.41e-011	2.78	-1.46e-011	944.86	-9.31e-010	73.18
	462	-3.41e-011	-2.78	1.46e-011	-944.86	-4.66e-010	75.56
197	461	4.93e-011	2.74	3.40e-014	1207.26	-2.33e-010	75.33
	227	-4.93e-011	-2.74	-3.40e-014	-1207.26	-2.33e-010	71.31
198	460	2.93e-011	2.85	1.46e-011	1448.14	-3.71e-012	88.31
	461	-2.93e-011	-2.85	-1.46e-011	-1448.14	4.66e-010	63.97
199	226	2.46e-011	2.52	1.62e-011	1633.54	5.68e-014	70.22
	460	-2.46e-011	-2.52	-1.62e-011	-1633.54	-4.66e-010	65.04
200	453	-70.40	-5.19e-002	-1.70	1205.18	1444.52	5.25
	456	70.40	5.19e-002	1.70	-1205.18	-1531.05	-5.67
201	452	-119.55	2.26e-002	3.13	1453.88	1258.94	10.75
	453	119.55	-2.26e-002	-3.13	-1453.88	-1422.36	-10.48
202	451	-177.37	-0.21	6.50	1685.70	852.39	16.70
	452	177.37	0.21	-6.50	-1685.70	-1192.73	-9.67
203	450	-233.80	0.22	15.98	1908.13	225.49	16.38
	451	233.80	-0.22	-15.98	-1908.13	-679.85	-25.41
204	449	-296.88	-0.98	55.19	2106.26	-3363.53	-9.78
	450	296.88	0.98	-55.19	-2106.26	432.35	44.43
205	255	-402.15	13.66	218.45	1686.87	-13471.13	511.59
	449	402.15	-13.66	-218.45	-1686.87	1910.48	268.76
206	455	2.46e-011	3.80	2.99e-011	1659.68	1.14e-013	153.13
	226	-2.46e-011	-3.80	-2.99e-011	-1659.68	-9.31e-010	49.67
207	454	2.87e-011	2.60	2.99e-011	1241.14	-7.33e-012	34.77
	455	-2.87e-011	-2.60	-2.99e-011	-1241.14	4.66e-010	-110.62

208	197	2.59e-011	-53.81	-1.47e-011	-780.49	-4.66e-010	-2000.96
	454	-2.59e-011	53.81	1.47e-011	780.49	-4.66e-010	-877.51
209	254	-407.12	-17.48	-218.08	-1442.32	-1744.14	-321.48
	255	407.12	17.48	218.08	1442.32	13576.47	-648.73
210	253	-270.65	0.95	-54.60	-1879.42	-456.99	-34.94
	254	270.65	-0.95	54.60	1879.42	3413.83	17.21
211	252	-212.52	0.26	-15.03	-1700.38	591.36	27.11
	253	212.52	-0.26	15.03	1700.38	281.42	-13.07
212	251	-144.99	0.15	-5.56	-1500.83	1037.15	7.28
	252	144.99	-0.15	5.56	1500.83	-742.47	-12.73
213	250	-71.85	5.05e-002	-2.25	-1296.51	1204.52	8.14
	251	71.85	-5.05e-002	2.25	1296.51	-1088.77	-6.81
214	249	-31.87	7.52e-002	-0.98	-1079.27	1249.23	4.03
	250	31.87	-7.52e-002	0.98	1079.27	-1206.04	4.14
215	248	93.49	0.16	-0.98	-842.11	1247.78	-10.56
	249	-93.49	-0.16	0.98	842.11	-1206.83	3.68
216	247	165.39	0.29	-2.64	-549.95	1239.78	6.62
	248	-165.39	-0.29	2.64	549.95	-1120.90	20.58
217	246	237.56	0.88	3.58	-181.56	908.93	-13.43
	247	-237.56	-0.88	-3.58	181.56	-1047.36	40.16
218	443	292.77	8.52	100.30	992.85	-3553.96	356.06
	246	-292.77	-8.52	-100.30	-992.85	-1954.77	131.44
219	448	-1.61e-011	41.72	1.45e-011	996.42	-1.05e-011	597.06
	197	1.61e-011	-41.72	-1.45e-011	-996.42	-4.66e-010	1690.82
220	225	-1.61e-011	-2.81	2.99e-011	-1053.92	-6.73e-013	-108.70
	448	1.61e-011	2.81	-2.99e-011	1053.92	-4.66e-010	-46.05
221	447	-1.61e-011	-4.23	1.45e-011	-1469.14	4.66e-010	-67.69
	225	1.61e-011	4.23	-1.45e-011	1469.14	-4.66e-010	-163.25
222	224	-1.44e-011	-2.98	2.99e-011	-1455.19	-1.47e-011	-80.81
	447	1.44e-011	2.98	-2.99e-011	1455.19	-4.66e-010	-81.99
223	446	-1.56e-011	-3.20	4.42e-011	-1296.19	-2.33e-010	-77.12
	224	1.56e-011	3.20	-4.42e-011	1296.19	-7.36e-012	-97.23
224	223	1.71e-011	-3.21	2.99e-011	-1099.22	-5.20e-010	-93.26
	446	-1.71e-011	3.21	-2.99e-011	1099.22	-3.28e-010	-81.53
225	445	-3.83e-011	-2.90	-2.05e-011	-913.49	-1.46e-011	-74.98
	223	3.83e-011	2.90	2.05e-011	913.49	-2.33e-010	-83.29
226	222	4.65e-012	-4.11	2.91e-011	-799.39	-7.26e-012	-157.01
	445	-4.65e-012	4.11	-2.91e-011	799.39	2.33e-010	-67.18
227	444	4.65e-012	-3.34	2.30e-011	-879.27	2.33e-010	-57.54
	222	-4.65e-012	3.34	-2.30e-011	879.27	-2.33e-010	-125.61
228	193	4.65e-012	-47.68	2.99e-011	-1285.34	2.33e-010	-1834.55
	444	-4.65e-012	47.68	-2.99e-011	1285.34	2.27e-013	-765.44
289	383	-1.57e-011	35.89	-1.46e-011	-547.69	2.33e-010	629.12
	193	1.57e-011	-35.89	1.46e-011	547.69	2.61e-010	1560.35
290	221	-1.57e-011	2.37	-7.28e-012	-1024.87	2.60e-010	-91.24
	383	1.57e-011	-2.37	7.28e-012	1024.87	4.78e-010	55.33
291	442	296.68	7.24	-158.14	-2333.77	1666.94	-110.55
	443	-296.68	-7.24	158.14	2333.77	8336.19	338.77
292	441	233.98	-0.56	-27.62	-1595.72	1157.30	-32.44
	442	-233.98	0.56	27.62	1595.72	845.96	5.79
293	440	181.11	-0.33	-7.17	-1184.08	1571.13	-23.34

	441	-181.11	0.33	7.17	1184.08	-1259.60	9.15
294	439	135.07	0.22	-2.96	-843.76	1792.08	-8.14
	440	-135.07	-0.22	2.96	843.76	-1676.31	13.87
295	380	-2.17e-011	2.68	8.19e-012	-1045.34	1.14e-010	-45.95
	221	2.17e-011	-2.68	-8.19e-012	1045.34	-2.60e-010	118.60
296	220	7.73e-012	1.87	-1.51e-011	-820.77	1.16e-010	-59.31
	380	-7.73e-012	-1.87	1.51e-011	820.77	-3.43e-013	56.35
297	379	7.82e-012	2.09	-2.18e-011	-548.56	4.79e-010	-58.43
	220	-7.82e-012	-2.09	2.18e-011	548.56	7.07e-010	70.11
298	219	-1.63e-011	2.10	-8.23e-012	-389.62	1.16e-010	-71.22
	379	1.63e-011	-2.10	8.23e-012	389.62	2.33e-010	57.95
299	438	104.35	7.13e-002	-1.54	-550.69	1854.93	-7.80
	439	-104.35	-7.13e-002	1.54	550.69	-1826.09	10.27
300	437	107.67	5.54e-002	-1.60	-388.84	1817.97	-9.57
	438	-107.67	-5.54e-002	1.60	388.84	-1870.52	8.78
301	436	142.83	0.26	3.74	494.12	1643.17	-17.75
	437	-142.83	-0.26	-3.74	-494.12	-1845.63	8.07
302	435	191.70	0.36	10.24	715.74	1128.22	-6.59
	436	-191.70	-0.36	-10.24	-715.74	-1710.49	22.19
303	376	-1.63e-011	1.82	-1.16e-011	507.95	2.59e-010	-54.56
	219	1.63e-011	-1.82	1.16e-011	-507.95	4.79e-010	57.27
304	218	-1.41e-011	2.77	5.11e-012	763.88	1.67e-010	-124.79
	376	1.41e-011	-2.77	-5.11e-012	-763.88	1.65e-010	45.73
305	375	2.41e-011	2.81	-1.51e-011	978.99	2.39e-010	-67.68
	218	-2.41e-011	-2.81	1.51e-011	-978.99	4.66e-010	104.19
306	190	9.11e-012	-39.50	-9.19e-012	1021.59	3.55e-010	-1685.28
	375	-9.11e-012	39.50	9.19e-012	-1021.59	1.16e-010	724.43
307	434	236.45	0.50	28.21	856.32	693.36	-9.61
	435	-236.45	-0.50	-28.21	-856.32	-1260.52	38.24
308	413	195.60	-1.27	69.46	690.71	-4562.28	-27.81
	434	-195.60	1.27	-69.46	-690.71	-489.94	52.29
309	412	84.31	1.61	15.94	523.20	934.23	-38.16
	413	-84.31	-1.61	-15.94	-523.20	-1559.28	52.62
310	411	110.07	-0.49	-6.37	799.53	1577.08	-26.12
	412	-110.07	0.49	6.37	-799.53	-1453.75	4.33
311	372	-1.59e-011	45.56	-3.64e-012	252.27	-1.65e-010	725.80
	190	1.59e-011	-45.56	3.64e-012	-252.27	2.59e-010	1780.29
312	217	-2.28e-011	2.55	-8.15e-012	642.69	-4.66e-010	111.36
	372	2.28e-011	-2.55	8.15e-012	-642.69	-5.82e-010	34.42
313	371	-2.28e-011	2.91	4.10e-012	963.25	-4.80e-010	44.17
	217	2.28e-011	-2.91	-4.10e-012	-963.25	-4.79e-010	117.34
314	216	2.13e-011	1.69	-3.65e-012	1268.73	-3.55e-010	53.45
	371	-2.13e-011	-1.69	3.65e-012	-1268.73	-4.69e-010	39.99
315	410	86.05	-0.11	-2.96	1023.04	1712.02	-7.01
	411	-86.05	0.11	2.96	-1023.04	-1606.68	3.26
316	409	51.67	-0.38	-1.35	1286.04	1704.84	-6.75
	410	-51.67	0.38	1.35	-1286.04	-1696.86	-14.82
317	408	-37.25	-0.14	1.78	1563.94	1623.51	3.93
	409	37.25	0.14	-1.78	-1563.94	-1693.91	-5.70
318	407	-63.60	-0.14	3.66	1834.72	1423.13	8.48
	408	63.60	0.14	-3.66	-1834.72	-1608.78	-5.05

319	368	-2.82e-011	1.99	-8.08e-012	1562.79	-2.97e-010	51.09
	216	2.82e-011	-1.99	8.08e-012	-1562.79	-3.54e-010	58.47
320	215	-3.22e-011	1.98	-5.47e-012	1837.96	5.71e-011	62.51
	368	3.22e-011	-1.98	5.47e-012	-1837.96	3.16e-010	46.37
321	367	4.02e-011	1.72	-5.77e-012	2061.29	-2.62e-010	46.91
	215	-4.02e-011	-1.72	5.77e-012	-2061.29	-3.90e-010	49.07
322	214	-1.53e-011	2.80	-4.59e-012	2126.18	-4.67e-010	116.01
	367	1.53e-011	-2.80	4.59e-012	-2126.18	-4.51e-010	39.24
323	406	-102.96	-0.37	8.39	2080.12	937.09	17.07
	407	102.96	0.37	-8.39	-2080.12	-1376.98	-6.74
324	405	-142.43	-0.11	21.64	2280.75	-524.23	9.40
	406	142.43	0.11	-21.64	-2280.75	-804.00	-13.36
325	404	-175.08	-0.50	69.45	2376.05	-4484.30	-6.47
	405	175.08	0.50	-69.45	-2376.05	707.25	-30.24
326	363	-222.75	9.71	250.59	1827.95	-16916.84	348.07
	404	222.75	-9.71	-250.59	-1827.95	3141.26	198.00
327	364	-1.96e-011	2.45	-2.91e-012	1729.41	4.11e-011	37.29
	214	1.96e-011	-2.45	2.91e-012	-1729.41	7.19e-011	102.90
328	187	-2.15e-011	-45.04	-2.65e-012	-323.40	-2.12e-010	-1726.79
	364	2.15e-011	45.04	2.65e-012	323.40	-3.27e-010	-753.97
389	362	-255.59	-6.15	-221.92	-1979.23	-1512.25	-137.86
	363	255.59	6.15	221.92	1979.23	15632.50	-267.54
390	361	-219.47	-0.38	-65.97	-2410.42	325.63	-30.85
	362	219.47	0.38	65.97	2410.42	3923.72	-12.28
391	302	1.78e-011	31.87	-1.37e-012	-605.61	1.29e-010	605.97
	187	-1.78e-011	-31.87	1.37e-012	605.61	9.10e-011	1436.71
392	213	2.33e-011	-2.37	1.41e-012	-2001.29	9.03e-011	-86.28
	302	-2.33e-011	2.37	-1.41e-012	2001.29	-1.05e-010	-66.29
393	301	2.33e-011	-2.31	5.00e-012	-2194.65	-2.53e-011	-42.56
	213	-2.33e-011	2.31	-5.00e-012	2194.65	6.53e-011	-107.68
394	212	3.33e-011	-1.66	5.35e-013	-1978.73	1.06e-010	-53.06
	301	-3.33e-011	1.66	-5.35e-013	1978.73	-5.35e-011	-53.68
395	360	172.85	-0.35	-20.32	-2266.55	1311.47	23.02
	361	-172.85	0.35	20.32	2266.55	-170.06	-6.69
396	359	122.08	0.25	-7.54	-1979.93	1723.31	-5.79
	360	-122.08	-0.25	7.54	1979.93	-1249.69	15.63
397	358	88.66	0.11	-3.31	-1630.00	1889.00	-5.99
	359	-88.66	-0.11	3.31	1630.00	-1686.91	10.40
398	357	95.97	0.11	-1.56	-1247.16	1953.92	-7.23
	358	-95.97	-0.11	1.56	1247.16	-1870.08	9.71
399	298	1.94e-011	-1.85	-5.22e-012	-1634.34	-1.16e-010	-54.78
	212	-1.94e-011	1.85	5.22e-012	1634.34	1.47e-010	-64.51
400	211	1.94e-011	-1.85	-2.55e-012	-1246.82	-8.79e-011	-65.41
	298	-1.94e-011	1.85	2.55e-012	1246.82	-6.42e-011	-53.66
401	297	1.94e-011	-1.64	-2.27e-013	-841.56	8.45e-011	-54.90
	211	-1.94e-011	1.64	2.27e-013	841.56	-1.04e-010	-51.72
402	210	-1.62e-011	-2.35	-1.88e-012	-432.07	-1.63e-010	-109.99
	297	1.62e-011	2.35	1.88e-012	432.07	-1.17e-010	-41.04
403	356	137.91	0.25	0.64	-851.13	1934.40	-14.14
	357	-137.91	-0.25	-0.64	851.13	-1957.15	12.24
404	355	192.54	0.40	3.82	-465.12	1733.67	-11.30

	356	-192.54	-0.40	-3.82	465.12	-1975.33	23.92
405	354	247.67	0.45	12.37	-137.42	1062.40	-13.21
	355	-247.67	-0.45	-12.37	137.42	-1823.73	35.52
406	333	255.96	-1.29	30.20	73.74	-1033.43	-49.15
	354	-255.96	1.29	-30.20	-73.74	-1080.35	50.55
407	294	3.21e-011	-2.61	-4.07e-012	-72.59	-8.07e-011	-77.11
	210	-3.21e-011	2.61	4.07e-012	72.59	1.18e-010	-93.79
408	181	-1.55e-011	34.34	-9.04e-012	332.37	-1.16e-010	1522.45
	294	1.55e-011	-34.34	9.04e-012	-332.37	-1.30e-010	675.63
409	332	229.27	1.48	-26.15	193.63	1160.57	-43.70
	333	-229.27	-1.48	26.15	-193.63	-1574.29	60.79
410	331	190.64	-0.51	-12.90	423.75	1859.43	-31.46
	332	-190.64	0.51	12.90	-423.75	-1400.80	6.46
411	292	1.76e-011	42.81	1.27e-013	-339.44	7.51e-012	706.41
	181	-1.76e-011	-42.81	-1.27e-013	339.44	1.63e-010	1691.22
412	209	-1.64e-011	3.52	-1.02e-011	382.57	-1.64e-010	123.81
	292	1.64e-011	-3.52	1.02e-011	-382.57	-4.06e-012	81.33
413	291	1.76e-011	3.79	-3.64e-012	657.32	-2.33e-010	74.80
	209	-1.76e-011	-3.79	3.64e-012	-657.32	-3.68e-010	140.60
414	208	1.97e-011	2.95	-7.28e-012	1007.97	1.16e-010	86.89
	291	-1.97e-011	-2.95	7.28e-012	-1007.97	7.28e-012	78.75
415	330	120.01	-0.23	-5.52	690.01	2111.77	-14.37
	331	-120.01	0.23	5.52	-690.01	-1872.55	2.00
416	329	50.65	-0.36	-2.14	1020.11	2175.19	-6.42
	330	-50.65	0.36	2.14	-1020.11	-2099.31	-14.37
417	328	-62.10	-0.19	1.26	1381.86	2138.11	2.90
	329	62.10	0.19	-1.26	-1381.86	-2166.73	-9.58
418	327	-136.99	-0.18	3.11	1748.10	1964.73	10.22
	328	136.99	0.18	-3.11	-1748.10	-2125.76	-14.52
419	288	1.97e-011	3.16	3.81e-012	1381.04	-1.15e-010	89.23
	208	-1.97e-011	-3.16	-3.81e-012	-1381.04	-7.51e-012	88.04
420	207	1.76e-011	3.15	7.28e-012	1749.86	1.46e-011	101.33
	288	-1.76e-011	-3.15	-7.28e-012	-1749.86	1.19e-010	75.12
421	287	1.76e-011	3.00	3.64e-012	2072.21	3.51e-010	95.80
	207	-1.76e-011	-3.00	-3.64e-012	-2072.21	-2.33e-010	73.76
422	206	1.97e-011	3.84	-3.72e-012	2228.14	2.62e-010	152.57
	287	-1.97e-011	-3.84	3.72e-012	-2228.14	2.60e-010	63.82
423	326	-217.26	-0.39	8.19	2097.47	1476.59	20.38
	327	217.26	0.39	-8.19	-2097.47	-1921.64	-19.43
424	325	-294.77	-0.19	22.79	2409.63	307.73	21.66
	326	294.77	0.19	-22.79	-2409.63	-1352.76	-29.16
425	324	-359.76	-0.51	77.84	2608.98	-4422.71	14.07
	325	359.76	0.51	-77.84	-2608.98	302.99	-38.94
426	283	-449.53	8.66	278.16	1905.88	-17814.93	319.08
	324	449.53	-8.66	-278.16	-1905.88	2261.60	169.79
427	284	1.97e-011	3.28	-8.12e-012	1877.29	2.31e-010	89.92
	206	-1.97e-011	-3.28	8.12e-012	-1877.29	2.28e-010	111.79
428	176	1.76e-011	-44.51	7.28e-012	-225.43	-2.33e-010	-1756.79
	284	-1.76e-011	44.51	-7.28e-012	225.43	-7.28e-012	-742.33
444	282	-439.36	-2.65	-106.30	-812.06	201.77	-74.53
	283	439.36	2.65	106.30	812.06	5631.04	-91.69

445	281	-614.14	-0.86	-21.76	-693.63	266.79	40.24
	282	614.14	0.86	21.76	693.63	954.63	-62.81
446	280	-782.64	-0.85	-9.79	-284.74	758.67	43.82
	281	782.64	0.85	9.79	284.74	-250.46	-81.68
447	279	-1001.65	0.18	-2.01	330.52	741.51	72.10
	280	1001.65	-0.18	2.01	-330.52	-710.22	-65.08
448	278	-1723.90	27.10	113.22	1167.48	-3214.23	1132.81
	279	1723.90	-27.10	-113.22	-1167.48	-2916.17	331.76
449	205	-3.21e-011	47.30	-1.46e-011	1226.86	-1.67e-011	780.60
	176	3.21e-011	-47.30	1.46e-011	-1226.86	2.31e-010	1795.41
450	204	-3.72e-012	6.84	1.03e-011	-132.86	1.22e-010	259.42
	205	3.72e-012	-6.84	-1.03e-011	132.86	2.28e-010	110.21
451	203	-1.32e-011	7.02	7.30e-012	-511.49	3.32e-010	215.30
	204	1.32e-011	-7.02	-7.30e-012	511.49	5.26e-010	174.93
452	202	-2.02e-011	4.06	3.62e-011	-955.29	3.53e-013	171.12
	203	2.02e-011	-4.06	-3.62e-011	955.29	2.33e-010	-110.46
453	175	4.72e-011	-33.65	-2.62e-011	-2317.39	4.66e-010	-1198.51
	202	-4.72e-011	33.65	2.62e-011	2317.39	-3.27e-010	-625.21
454	101	7704.86	1058.51	-6417.92	-33386.19	1145690.67	186635.32
	201	-7704.86	-1058.51	6417.92	33386.19	1165019.33	194710.68
455	100	-2626.19	-1040.47	-7779.75	-33386.19	1416541.91	-177727.56
	200	2626.19	1040.47	7779.75	33386.19	1384375.32	-196886.05
456	99	-4309.08	-1903.35	-5937.88	-33386.19	1013937.28	-341366.32
	199	4309.08	1903.35	5937.88	33386.19	1124101.89	-343932.65
457	98	-7555.58	-4040.05	-18337.29	-106835.82	2202741.85	-721942.44
	198	7555.58	4040.05	18337.29	106835.82	4459377.56	-732653.77
458	97	-5462.26	-1272.62	-6894.13	-33386.19	1198225.48	-227766.83
	197	5462.26	1272.62	6894.13	33386.19	1283960.93	-230399.67
459	96	4963.50	1324.83	-6616.55	-33386.19	1107196.07	234698.93
	196	-4963.50	-1324.83	6616.55	33386.19	1275234.50	242363.08
460	95	8609.91	1893.45	-5539.87	-33386.19	884010.33	336984.23
	195	-8609.91	-1893.45	5539.87	33386.19	1111025.52	344938.82
461	85	1859.23	2153.56	-695.76	-33386.19	-112162.41	384232.64
	185	-1859.23	-2153.56	695.76	33386.19	237050.06	391069.53
462	92	548.51	1303.33	-770.51	-33386.19	-136091.21	229922.56
	192	-548.51	-1303.33	770.51	33386.19	248377.61	239358.20
463	93	-1730.35	-1257.54	553.23	-33386.19	-132399.30	-222663.53
	193	1730.35	1257.54	-553.23	33386.19	179906.41	-230105.54
464	94	-1522.55	-2521.57	1857.52	-33386.19	-215690.72	-450521.97
	194	1522.55	2521.57	-1857.52	33386.19	513183.95	-457265.35
465	91	379.96	-2376.81	2167.85	-33386.19	-332251.09	-430429.57
	191	-379.96	2376.81	-2167.85	33386.19	543477.31	-425258.39
466	90	-264.16	-1305.50	1200.29	-33386.19	-366992.78	-235209.53
	190	264.16	1305.50	-1200.29	33386.19	-91729.15	-234777.39
467	89	-70.46	1366.79	825.56	-33386.19	-326735.18	242159.63
	189	70.46	-1366.79	-825.56	33386.19	122571.92	250064.75
468	84	-344.34	2186.58	630.25	-33386.19	-257802.30	397160.69
	184	344.34	-2186.58	-630.25	33386.19	88816.22	390149.68
469	83	3527.86	-1563.26	-3132.67	-33386.19	491836.46	-258842.52
	183	-3527.86	1563.26	3132.67	33386.19	638791.28	-304177.47
470	86	3180.85	1274.07	-3425.45	-33386.19	519931.66	-221022.69

	186	-3180.85	-1274.07	3425.45	33386.19	715372.09	237723.96
471	87	-3576.42	1208.84	-3740.31	-33386.19	568754.47	211293.48
	187	3576.42	-1208.84	3740.31	33386.19	779666.82	224098.28
472	88	-2839.23	2108.55	-2731.18	-33386.19	449669.48	361266.93
	188	2839.23	-2108.55	2731.18	33386.19	536760.90	-398105.56
473	80	297.47	-1333.50	-757.22	-33386.19	-78237.53	-232236.16
	180	-297.47	1333.50	757.22	33386.19	235245.72	-247906.68
474	81	-796.66	1212.44	431.34	-33386.19	-100528.15	211787.25
	181	796.66	-1212.44	-431.34	33386.19	-75954.88	224852.75
475	82	-590.68	2142.89	-613.59	-33386.19	-90774.47	369868.97
	182	590.68	-2142.89	613.59	33386.19	195630.11	401765.65
476	73	4625.53	1282.56	-5133.72	-33386.19	872650.61	224746.42
	173	-4625.53	-1282.56	5133.72	33386.19	975493.35	237034.27
477	76	-3595.04	1281.82	-4619.40	-33386.19	792274.55	229879.40
	176	3595.04	-1281.82	4619.40	33386.19	870721.58	231635.77
478	72	-1220.95	1354.39	-4588.66	-33386.19	793870.97	240273.41
	172	1220.95	-1354.39	4588.66	33386.19	858082.14	247326.56
479	79	-2841.76	-2281.92	-2772.89	-33386.19	436433.76	400060.01
	179	2841.76	2281.92	2772.89	33386.19	561999.15	-421520.76
480	75	-2206.53	-1417.86	-2110.05	-33386.19	239008.61	-252250.55
	175	2206.53	1417.86	2110.05	33386.19	522619.21	-258195.78
481	78	-1403.43	-2411.04	-1177.39	-33386.19	87471.14	428114.21
	178	1403.43	2411.04	1177.39	33386.19	348287.95	-439891.86
482	70	2726.12	-292.95	-5379.51	-33386.19	899177.45	-46183.69
	170	-2726.12	292.95	5379.51	33386.19	1037458.13	-93084.58
483	69	1356.10	-277.98	-5578.32	-33386.19	1012963.36	-44410.44
	169	-1356.10	277.98	5578.32	33386.19	995236.49	70880.80
484	66	-1840.79	-2308.64	-5296.11	-33386.19	943844.89	-382648.71
	166	1840.79	2308.64	5296.11	33386.19	962769.42	-448600.41
485	67	3197.42	-1570.10	-5111.34	-33386.19	849887.93	-227397.70
	167	-3197.42	1570.10	5111.34	33386.19	990211.29	-338885.67
486	64	-672.10	-339.42	-5316.11	-33386.19	889775.07	-125294.51
	164	672.10	339.42	5316.11	33386.19	1024034.87	-142829.59
487	63	244.34	-340.86	-5456.83	-33386.19	993843.65	-80257.15
	163	-244.34	340.86	5456.83	33386.19	970622.29	-119580.33
488	61	7514.47	-2937.71	-3658.63	-33386.19	552918.61	-467932.55
	161	-7514.47	2937.71	3658.63	33386.19	764311.66	-590801.76
489	60	2711.42	-4377.44	-3932.44	-33386.19	659367.61	-768081.52
	160	-2711.42	4377.44	3932.44	33386.19	756394.52	-807896.44
490	59	2385.63	-2690.76	-3811.43	-33386.19	595031.66	-403289.55
	159	-2385.63	2690.76	3811.43	33386.19	777681.83	-567538.22
491	62	341.20	-286.27	-5605.22	-33386.19	966956.20	-132587.82
	162	-341.20	286.27	5605.22	33386.19	1051011.60	-136932.89
492	65	-2327.31	-1399.74	-5419.34	-33386.19	925014.43	-187726.40
	165	2327.31	1399.74	5419.34	33386.19	1026071.64	-318238.42
493	68	1540.85	-187.95	-5631.15	-33386.19	967703.64	-44274.63
	168	-1540.85	187.95	5631.15	33386.19	1059603.66	75540.42
494	71	-1336.78	-1049.56	-5880.52	-33386.19	1022376.09	-181829.18
	171	1336.78	1049.56	5880.52	33386.19	1094664.04	-196702.67
495	74	-2567.13	1014.33	-5484.29	-33386.19	935574.00	172462.63
	174	2567.13	-1014.33	5484.29	33386.19	1038832.20	193505.05

496	77	-3438.41	1808.31	-3313.46	-33386.19	484354.17	302358.34
	177	3438.41	-1808.31	3313.46	33386.19	709266.51	349262.63
497	166	-1.28e-010	-1802.15	3.57e-012	-63868.92	-4.66e-010	-214401.08
	167	1.28e-010	1802.15	-3.57e-012	63868.92	4.61e-010	-272193.65
498	165	1.23e-010	-1367.85	8.05e-014	9838.07	-7.28e-012	-280814.71
	166	-1.23e-010	1367.85	-8.05e-014	-9838.07	-4.63e-010	-239007.34
499	163	1.31e-010	-2287.59	3.17e-014	31326.52	1.09e-011	-470926.07
	160	-1.31e-010	2287.59	-3.17e-014	-31326.52	5.95e-011	-512740.08
500	166	-1.32e-010	-2366.11	2.45e-013	-50764.23	1.35e-010	-453859.38
	163	1.32e-010	2366.11	-2.45e-013	50764.23	-2.94e-011	-468922.45
501	169	1.17e-010	-2038.16	-2.52e-013	16332.21	-3.23e-011	-438724.40
	166	-1.17e-010	2038.16	2.52e-013	-16332.21	-3.91e-011	-437683.13
502	172	3.67e-010	-3594.67	-3.10e-013	-32257.26	-1.04e-010	-556995.36
	169	-3.67e-010	3594.67	3.10e-013	32257.26	-9.27e-011	-521406.72
503	160	2.62e-010	-2526.72	-5.06e-012	-36062.05	4.57e-010	-310028.13
	161	-2.62e-010	2526.72	5.06e-012	36062.05	-7.42e-011	-372198.54
504	159	4.26e-010	-1661.07	6.35e-014	9006.58	3.34e-010	-334772.60
	160	-4.26e-010	1661.07	-6.35e-014	-9006.58	5.18e-010	-296455.12
505	162	-3.28e-010	-2966.49	2.06e-012	22562.69	-3.32e-010	-587783.33
	159	3.28e-010	2966.49	-2.06e-012	-22562.69	-3.64e-011	-687848.30
506	165	-2.59e-010	-2814.85	-1.84e-012	-65839.79	2.31e-011	-551595.69
	162	2.59e-010	2814.85	1.84e-012	65839.79	2.40e-010	-546196.59
507	168	2.33e-010	-2519.26	-9.17e-013	25663.18	5.82e-011	-534699.54
	165	-2.33e-010	2519.26	9.17e-013	-25663.18	9.48e-011	-548583.84
508	171	-2.28e-010	-4021.22	-1.39e-012	-50992.12	-3.20e-010	-596630.86
	168	2.28e-010	4021.22	1.39e-012	50992.12	1.28e-010	-609738.04
509	174	1.11e-010	-4235.44	5.95e-013	10956.50	1.63e-010	-645922.70
	171	-1.11e-010	4235.44	-5.95e-013	-10956.50	1.42e-010	-624714.07
510	177	-1.62e-010	-2243.89	7.14e-013	-12825.82	-6.34e-011	-622518.46
	174	1.62e-010	2243.89	-7.14e-013	12825.82	-5.82e-011	-521875.09
511	164	1.16e-010	-3001.52	4.52e-012	31064.08	-1.02e-010	-505654.11
	161	-1.16e-010	3001.52	-4.52e-012	-31064.08	-2.74e-010	-787304.95
512	167	2.62e-010	-2840.96	-2.02e-012	-113758.11	-5.27e-010	-577427.01
	164	-2.62e-010	2840.96	2.02e-012	113758.11	5.18e-010	-530599.54
513	170	-1.16e-010	-2136.30	4.71e-013	20098.31	-1.56e-010	-423813.98
	167	1.16e-010	2136.30	-4.71e-013	-20098.31	1.34e-010	-494822.44
514	173	-4.21e-010	-4817.97	-1.60e-012	-78826.73	-1.62e-010	-828286.88
	170	4.21e-010	4817.97	1.60e-012	78826.73	-1.84e-010	-617649.72
515	176	1.17e-010	-1506.58	-1.99e-013	-9114.21	9.59e-011	-252324.80
	173	-1.17e-010	1506.58	1.99e-013	9114.21	1.58e-010	-199710.14
516	179	8.21e-011	-1205.08	-2.74e-013	-5192.45	-2.55e-011	-339380.16
	176	-8.21e-011	1205.08	2.74e-013	5192.45	-3.27e-011	-275222.76
517	186	6.31e-011	-1514.13	2.45e-013	8825.98	7.98e-011	-284264.65
	183	-6.31e-011	1514.13	-2.45e-013	-8825.98	5.09e-011	-321432.94
518	187	-4.30e-011	-2029.19	7.47e-013	-6159.41	1.01e-010	-288206.19
	186	4.30e-011	2029.19	-7.47e-013	6159.41	6.15e-011	-320562.88
519	188	-1.94e-011	-1102.44	-5.17e-013	-5094.58	-1.44e-010	-325755.17
	187	1.94e-011	1102.44	5.17e-013	5094.58	-1.93e-010	-236558.39
520	196	-8.20e-012	-3434.24	8.42e-013	-13589.55	-1.90e-010	-649471.58
	195	8.20e-012	3434.24	-8.42e-013	13589.55	-8.02e-011	-715691.44
521	197	-2.33e-010	-2828.41	4.15e-013	-4197.69	6.19e-011	-438706.40

	196	2.33e-010	2828.41	-4.15e-013	4197.69	-6.72e-011	-409835.85
522	198	9.24e-013	-2100.24	-2.61e-013	-9964.22	-7.28e-012	-576850.50
	197	-9.24e-013	2100.24	2.61e-013	9964.22	4.37e-011	-452326.02
523	200	2.33e-010	-6327.17	1.35e-012	-6599.96	-1.33e-010	-905716.09
	201	-2.33e-010	6327.17	-1.35e-012	6599.96	-1.83e-010	-976698.59
524	199	1.17e-010	-3127.62	-8.03e-013	-10259.23	-6.27e-011	-747560.67
	200	-1.17e-010	3127.62	8.03e-013	10259.23	1.29e-010	-714658.56
525	185	5.83e-011	1127.33	1.82e-012	-159359.38	2.62e-010	283615.38
	195	-5.83e-011	-1127.33	-1.82e-012	159359.38	-2.33e-010	334152.47
526	184	5.87e-011	-640.46	2.32e-013	-54559.33	1.68e-010	-199247.56
	185	-5.87e-011	640.46	-2.32e-013	54559.33	-3.68e-010	-192909.59
527	183	5.96e-011	-954.80	-8.17e-013	153924.56	2.59e-010	-285046.20
	184	-5.96e-011	954.80	8.17e-013	-153924.56	2.47e-010	-240148.36
528	196	-8.64e-012	453.37	5.07e-013	117167.90	-2.59e-010	163822.21
	201	8.64e-012	-453.37	-5.07e-013	-117167.90	1.64e-010	200263.20
529	192	-2.61e-011	537.11	9.09e-013	-181559.60	-2.63e-010	147907.67
	196	2.61e-011	-537.11	-9.09e-013	181559.60	-4.66e-010	145065.99
530	189	2.80e-011	-422.52	-4.55e-013	64407.46	-1.04e-011	123526.94
	192	-2.80e-011	422.52	4.55e-013	-64407.46	1.17e-010	-134483.28
531	186	-3.52e-011	470.76	4.68e-013	155682.98	2.42e-010	-132254.14
	189	3.52e-011	-470.76	-4.68e-013	-155682.98	2.12e-010	126830.08
532	180	3.65e-011	332.44	-1.14e-013	-98374.04	3.32e-011	102609.21
	186	-3.65e-011	-332.44	1.14e-013	98374.04	-2.98e-011	-110743.49
533	173	3.08e-011	-578.02	9.09e-013	139339.69	-7.34e-012	-175752.32
	180	-3.08e-011	578.02	-9.09e-013	-139339.69	1.16e-010	-149227.23
534	172	-6.94e-011	1252.82	-3.64e-012	-116936.89	1.04e-009	159849.26
	173	6.94e-011	-1252.82	3.64e-012	116936.89	9.31e-010	179095.26
535	171	1.40e-011	-1688.73	2.22e-016	44832.98	-4.88e-010	-356903.96
	172	-1.40e-011	1688.73	-2.22e-016	-44832.98	4.53e-010	-296441.49
536	174	-3.46e-011	1182.37	-5.70e-014	79104.55	-1.15e-009	270418.45
	175	3.46e-011	-1182.37	5.70e-014	-79104.55	1.05e-009	182262.32
537	198	2.18e-011	957.08	-6.41e-013	-27743.57	-4.79e-010	375575.73
	199	-2.18e-011	-957.08	6.41e-013	27743.57	-3.67e-010	388045.60
538	194	-4.73e-011	-1622.31	-1.82e-012	-257364.76	2.35e-010	-403194.19
	198	4.73e-011	1622.31	1.82e-012	257364.76	1.16e-010	-489960.37
539	191	5.91e-011	723.31	-2.32e-013	77775.95	-5.83e-011	238518.08
	194	-5.91e-011	-723.31	2.32e-013	-77775.95	1.29e-010	205052.80
540	188	2.00e-011	975.47	-6.90e-013	279840.40	1.66e-010	261767.87
	191	-2.00e-011	-975.47	6.90e-013	-279840.40	1.23e-010	275164.77
541	182	2.73e-011	746.40	-2.01e-013	-128327.84	-1.06e-010	239375.90
	188	-2.73e-011	-746.40	2.01e-013	128327.84	-1.32e-010	238338.15
542	179	1.12e-010	970.75	1.45e-012	135343.59	1.17e-010	267739.08
	182	-1.12e-010	-970.75	-1.45e-012	-135343.59	1.16e-010	275998.55
543	178	8.01e-011	1938.70	-7.24e-012	-84855.32	-6.19e-011	-250756.27
	179	-8.01e-011	-1938.70	7.24e-012	84855.32	-3.25e-011	272898.89
544	177	1.28e-010	1966.42	-5.68e-014	72075.10	1.05e-009	419118.76
	178	-1.28e-010	-1966.42	5.68e-014	-72075.10	1.31e-009	329108.25
545	66	3.43e-011	5192.15	2.84e-014	23151.51	-1.65e-010	632158.94
	67	-3.43e-011	-5192.15	-2.84e-014	-23151.51	1.67e-010	769722.80
546	65	4.06e-011	3169.02	-2.84e-014	-26082.34	-5.14e-012	665803.14
	66	-4.06e-011	-3169.02	2.84e-014	26082.34	-1.65e-010	538427.38

547	63	1.30e-010	-6625.35	4.89e-013	-162633.61	5.21e-010	-1205696.93
	60	-1.30e-010	6625.35	-4.89e-013	162633.61	5.21e-010	-1643214.64
548	66	-1.17e-010	-5309.31	1.85e-013	203518.82	3.77e-011	-1083808.78
	63	1.17e-010	5309.31	-1.85e-013	-203518.82	3.08e-011	-986823.99
549	69	1.15e-010	-4597.23	2.17e-013	-47432.82	-1.68e-010	-937640.29
	66	-1.15e-010	4597.23	-2.17e-013	47432.82	-8.80e-012	-1039168.30
550	72	3.65e-012	-9939.27	7.90e-013	139496.83	2.86e-011	-1698355.33
	69	-3.65e-012	9939.27	-7.90e-013	-139496.83	8.05e-011	-1283428.16
551	60	1.62e-010	9739.92	-4.04e-012	52138.69	2.29e-010	1140576.71
	61	-1.62e-010	-9739.92	4.04e-012	-52138.69	4.68e-010	1489201.47
552	59	1.19e-010	6161.12	-2.55e-012	-66588.81	-1.16e-010	1329347.70
	60	-1.19e-010	-6161.12	2.55e-012	66588.81	-1.14e-010	1011882.25
553	62	-1.65e-010	-5979.37	-1.01e-012	-57893.43	5.80e-010	-1153673.67
	59	1.65e-010	5979.37	1.01e-012	57893.43	5.49e-010	-1417472.07
554	65	-1.65e-010	-5335.23	4.40e-013	128622.69	1.12e-011	-1058507.67
	62	1.65e-010	5335.23	-4.40e-013	-128622.69	-1.11e-011	-1022233.38
555	68	5.95e-011	-4629.34	-2.21e-013	38101.98	5.83e-011	-980743.29
	65	-5.95e-011	4629.34	2.21e-013	-38101.98	6.77e-011	-1009874.96
556	71	-1.19e-010	-7741.85	-7.87e-013	107378.32	1.24e-010	-1131203.81
	68	1.19e-010	7741.85	7.87e-013	-107378.32	-6.02e-011	-1191359.06
557	74	1.17e-010	-8162.35	4.74e-013	24150.08	1.59e-010	-1271105.75
	71	-1.17e-010	8162.35	-4.74e-013	-24150.08	-1.21e-010	-1177615.21
558	77	-1.31e-010	-4870.63	2.54e-013	23202.61	4.21e-011	-1377580.89
	74	1.31e-010	4870.63	-2.54e-013	-23202.61	-6.50e-011	-1106442.64
559	64	-5.89e-011	-5026.69	8.12e-014	-73988.33	-2.63e-010	-964759.95
	61	5.89e-011	5026.69	-8.12e-014	73988.33	1.62e-010	-1196769.88
560	67	-5.72e-011	-4697.42	-1.03e-013	136856.42	-2.65e-010	-930164.10
	64	5.72e-011	4697.42	1.03e-013	-136856.42	-2.62e-010	-901829.85
561	70	-8.25e-011	-3855.82	-6.90e-013	33833.73	-1.15e-011	-814621.54
	67	8.25e-011	3855.82	6.90e-013	-33833.73	-6.17e-011	-843384.23
562	73	-5.71e-011	-7075.39	5.05e-013	113236.30	1.21e-010	-1058234.67
	70	5.71e-011	7075.39	-5.05e-013	-113236.30	-6.02e-011	-1064446.09
563	76	-5.72e-011	-7157.83	5.21e-013	-17707.51	-8.20e-011	-1096762.94
	73	5.72e-011	7157.83	-5.21e-013	17707.51	-6.46e-011	-1050630.88
564	79	-2.53e-012	-5288.46	-2.22e-014	3295.36	7.38e-012	-1479164.94
	76	2.53e-012	5288.46	2.22e-014	-3295.36	8.74e-012	-1217950.34
565	86	4.07e-011	-7557.61	2.41e-013	34097.08	-1.03e-010	-1513111.33
	83	-4.07e-011	7557.61	-2.41e-013	-34097.08	4.17e-011	-1510052.90
566	87	1.96e-011	-910.91	2.49e-013	2539.06	-3.13e-011	-135726.61
	86	-1.96e-011	910.91	-2.49e-013	-2539.06	-2.27e-011	-137545.45
567	88	2.39e-011	-6185.60	-2.88e-014	4558.36	3.66e-012	-1577930.44
	87	-2.39e-011	6185.60	2.88e-014	-4558.36	-9.12e-012	-1576777.21
568	96	-1.46e-011	-8657.85	-9.96e-014	-19090.29	-3.43e-011	-1635688.91
	95	1.46e-011	8657.85	9.96e-014	19090.29	-7.44e-011	-1805958.79
569	97	-1.17e-010	-8628.19	-2.35e-013	-4636.92	3.03e-011	-1242721.39
	96	1.17e-010	8628.19	2.35e-013	4636.92	2.71e-011	-1345746.38
570	98	5.83e-011	-9844.29	1.55e-014	-4722.61	8.35e-012	-2784262.44
	97	-5.83e-011	9844.29	-1.55e-014	4722.61	8.16e-012	-2039791.84
571	100	0.00	-12250.50	2.87e-013	-14581.84	-6.16e-011	-1692399.82
	101	0.00	12250.50	-2.87e-013	14581.84	6.42e-011	-1952342.33
572	99	-1.30e-010	-6834.01	-2.53e-013	-13894.11	6.98e-011	-1736766.62

100	1.30e-010	6834.01	2.53e-013	13894.11	1.31e-010	-1458261.46
573	85 -3.05e-011	-1443.87	4.59e-013	-171585.33	-3.67e-010	-356303.22
	95 3.05e-011	1443.87	-4.59e-013	171585.33	-2.39e-010	-435521.74
574	84 -3.32e-011	-767.61	-4.68e-013	-59252.39	1.75e-010	-223440.09
	85 3.32e-011	767.61	4.68e-013	59252.39	6.54e-011	-245464.14
575	83 -2.76e-011	-1739.85	1.64e-013	241970.99	2.75e-010	591212.94
	84 2.76e-011	1739.85	-1.64e-013	-241970.99	1.80e-010	-369972.52
576	96 5.62e-012	-610.61	4.69e-013	-48220.49	-1.17e-010	-223419.02
	101 -5.62e-012	610.61	-4.69e-013	48220.49	7.27e-012	-266686.89
577	92 8.68e-012	-953.49	-4.56e-013	-244466.96	-1.47e-011	-259217.75
	96 -8.68e-012	953.49	4.56e-013	244466.96	2.33e-010	-260896.25
578	89 -1.07e-011	-771.97	-2.28e-013	-65033.50	-1.31e-011	-230171.47
	92 1.07e-011	771.97	2.28e-013	65033.50	-5.83e-011	-241013.40
579	86 -1.74e-011	-958.70	3.41e-013	281252.33	1.19e-010	-279372.83
	89 1.74e-011	958.70	-3.41e-013	-281252.33	-4.08e-011	-249774.30
580	80 9.67e-012	823.97	-1.17e-013	-133073.59	-8.93e-012	258217.34
	86 -9.67e-012	-823.97	1.17e-013	133073.59	2.92e-011	269282.06
581	73 -2.16e-011	-1052.41	-2.28e-013	228052.16	8.11e-011	-298824.55
	80 2.16e-011	1052.41	2.28e-013	-228052.16	-1.64e-010	-291659.84
582	72 5.67e-011	2365.89	-5.05e-012	-74994.93	6.63e-010	297276.91
	73 -5.67e-011	-2365.89	5.05e-012	74994.93	5.26e-010	342616.70
583	71 1.14e-011	-2526.78	-5.79e-014	46226.72	1.46e-011	-539473.62
	72 -1.14e-011	2526.78	5.79e-014	-46226.72	-2.25e-010	-423510.90
584	97 -7.31e-012	-641.93	1.21e-013	-26336.26	-2.33e-010	-229669.03
	100 7.31e-012	641.93	-1.21e-013	26336.26	1.31e-010	-283943.22
585	93 2.03e-011	-977.35	4.59e-013	-275585.03	1.17e-010	-272979.48
	97 -2.03e-011	977.35	-4.59e-013	275585.03	2.33e-010	-259706.16
586	90 1.62e-011	734.05	1.12e-013	-60442.36	-5.93e-011	212161.30
	93 -1.62e-011	-734.05	-1.12e-013	60442.36	-3.31e-011	-235830.70
587	87 2.83e-011	-1017.51	-2.09e-013	277687.75	-1.48e-010	-307370.27
	90 -2.83e-011	1017.51	2.09e-013	-277687.75	-2.95e-011	-253095.11
588	81 -2.27e-011	-944.14	-1.91e-013	-121853.38	-1.65e-011	-301164.35
	87 2.27e-011	944.14	1.91e-013	121853.38	-9.70e-011	-303113.23
589	76 -1.14e-011	-1045.47	-3.20e-013	199377.04	2.94e-011	-274582.91
	81 1.14e-011	1045.47	3.20e-013	-199377.04	-3.65e-012	-310964.84
590	75 4.46e-011	-2620.12	-4.08e-012	-429126.96	8.51e-010	-329087.64
	76 -4.46e-011	2620.12	4.08e-012	429126.96	-6.65e-010	-378373.15
591	74 6.28e-011	-2371.14	9.10e-013	276100.81	-3.27e-010	-538678.10
	75 -6.28e-011	2371.14	-9.10e-013	-276100.81	-2.35e-010	-362601.78
592	98 -7.76e-012	1133.71	-3.24e-013	-91392.07	-1.16e-010	454516.39
	99 7.76e-012	-1133.71	3.24e-013	91392.07	-1.16e-010	450001.84
593	94 -2.79e-011	-2035.32	6.43e-013	-72356.91	-2.60e-010	-510585.98
	98 2.79e-011	2035.32	-6.43e-013	72356.91	6.17e-011	-610105.13
594	91 -1.33e-011	766.94	-2.28e-013	-63755.55	-1.17e-010	236312.35
	94 1.33e-011	-766.94	2.28e-013	63755.55	-5.82e-011	232034.56
595	88 6.07e-012	-1620.23	-4.58e-013	245602.74	1.46e-010	-515406.73
	91 -6.07e-012	1620.23	4.58e-013	-245602.74	8.83e-011	378188.74
596	82 1.11e-011	-1742.88	-2.44e-013	-141486.46	1.72e-011	-549732.52
	88 -1.11e-011	1742.88	2.44e-013	141486.46	-2.91e-011	-565726.18
597	79 -5.41e-012	-1900.64	7.16e-013	148848.48	1.32e-010	-507704.73
	82 5.41e-012	1900.64	-7.16e-013	-148848.48	1.31e-010	-556747.74

598	78	-1.70e-010	-4525.23	-1.15e-013	-312152.74	2.46e-010	-563511.55
	79	1.70e-010	4525.23	1.15e-013	312152.74	2.58e-010	-658357.12
599	77	5.84e-011	-4249.98	0.00	140790.12	3.31e-010	-953899.10
	78	-5.84e-011	4249.98	0.00	-140790.12	3.31e-010	-661770.45
648	122	0.00	-120.90	5.69e-013	5046.25	-4.78e-011	-4636.17
	47	0.00	120.90	-5.69e-013	-5046.25	7.24e-011	-10702.54
649	121	0.00	-18.47	3.65e-013	3720.33	6.33e-011	-1757.86
	122	0.00	18.47	-3.65e-013	-3720.33	1.62e-011	-585.24
650	120	0.00	-18.63	-2.03e-012	2852.45	3.52e-010	-682.07
	121	0.00	18.63	2.03e-012	-2852.45	1.28e-010	-1681.58
651	48	6.09e-011	-121.68	1.91e-012	-3904.07	1.27e-010	-11459.12
	120	-6.09e-011	121.68	-1.91e-012	3904.07	-1.19e-010	-3979.36
652	119	0.00	-328.21	-5.25e-012	2940.13	1.30e-010	-6308.66
	46	0.00	328.21	5.25e-012	-2940.13	2.95e-011	-18307.42
653	118	1.19e-010	-84.18	-2.86e-012	3301.02	1.40e-011	-4861.87
	119	-1.19e-010	84.18	2.86e-012	-3301.02	-1.38e-010	-1451.86
654	117	-1.19e-010	-86.42	-2.29e-012	3172.86	-1.41e-010	-1628.65
	118	1.19e-010	86.42	2.29e-012	-3172.86	-1.80e-010	-4852.78
655	47	0.00	-309.08	-2.00e-012	2342.04	1.88e-011	-16987.56
	117	0.00	309.08	2.00e-012	-2342.04	-8.41e-011	-6193.66
656	116	5.95e-011	-198.68	9.10e-013	-3124.36	2.33e-010	-4389.53
	41	-5.95e-011	198.68	-9.10e-013	3124.36	2.37e-010	-15354.24
657	115	0.00	-36.85	8.41e-013	2629.04	4.33e-011	-2905.18
	116	0.00	36.85	-8.41e-013	-2629.04	2.43e-011	-757.24
658	114	0.00	-36.46	-3.68e-012	3694.39	4.76e-010	-594.88
	115	0.00	36.46	3.68e-012	-3694.39	2.45e-010	-3028.79
659	46	-5.95e-011	-194.72	-1.17e-012	4864.79	2.05e-011	-14108.11
	114	5.95e-011	194.72	1.17e-012	-4864.79	-2.88e-011	-5242.26
660	113	-9826.54	-2600.29	3542.31	-42393.54	-9370.32	151215.04
	48	9826.54	2600.29	-3542.31	42393.54	-327153.33	-398061.16
661	112	-4951.97	-1382.44	171.24	-101777.02	-31270.08	-47218.11
	113	4951.97	1382.44	-171.24	101777.02	15012.36	-86432.71
662	111	-5229.73	-1636.85	20.26	-88865.86	12003.77	-251985.83
	112	5229.73	1636.85	-20.26	88865.86	-13850.64	96821.79
663	5	-8652.20	-3937.90	-992.75	-14800.69	52169.94	-709570.49
	111	8652.20	3937.90	992.75	14800.69	42144.96	335501.92
664	110	1441.17	-1253.16	4267.26	-94747.56	-13992.43	31834.81
	47	-1441.17	1253.16	-4267.26	94747.56	-391417.45	-150336.13
665	109	-296.22	-463.20	-159.48	-93446.50	-19084.39	-41185.82
	110	296.22	463.20	159.48	93446.50	34124.48	-9923.91
666	108	-1030.82	-703.38	-42.52	-88710.99	9185.26	-137791.74
	109	1030.82	703.38	42.52	88710.99	-5412.29	71379.08
667	4	-2147.91	-2872.79	-1421.00	-71859.93	83296.60	-444926.07
	108	2147.91	2872.79	1421.00	71859.93	51699.27	172298.56
668	107	-1006.05	1042.11	5009.81	-98917.51	-33404.08	-27986.90
	46	1006.05	-1042.11	-5009.81	98917.51	-442534.30	124059.09
669	106	173.38	365.89	-209.24	-96550.61	-13582.53	34926.93
	107	-173.38	-365.89	209.24	96550.61	33388.08	22217.51
670	105	767.25	487.71	-68.13	-85784.68	11651.89	96314.81
	106	-767.25	-487.71	68.13	85784.68	-5316.16	-52278.61
671	3	1878.25	2068.70	-1333.25	-67453.81	77579.92	306166.37

	105	-1878.25	-2068.70	1333.25	67453.81	49078.98	-110693.93
672	104	9012.94	2170.83	4333.45	-42965.17	-30957.55	-97141.00
	41	-9012.94	-2170.83	-4333.45	42965.17	-380720.74	302873.81
673	103	4821.47	977.07	56.27	-89563.39	-23343.69	29077.50
	104	-4821.47	-977.07	-56.27	89563.39	18003.51	71197.97
674	102	5151.19	1129.65	-9.98	-82959.80	13246.75	162542.55
	103	-5151.19	-1129.65	9.98	82959.80	-12372.63	-56717.50
675	1	8617.25	3087.70	-842.63	-20695.76	44610.62	488410.59
	102	-8617.25	-3087.70	842.63	20695.76	35439.81	-195276.39
676	54	-1.85e-012	-131.75	-1.15e-013	10050.26	-5.91e-011	-47608.72
	57	1.85e-012	131.75	1.15e-013	-10050.26	8.74e-012	-57795.22
677	50	-1.43e-011	-1258.64	-1.01e-013	-145792.16	7.31e-011	-277937.66
	54	1.43e-011	1258.64	1.01e-013	145792.16	2.97e-011	-408124.59
678	47	1.50e-011	-1344.61	-3.58e-014	203085.40	-3.02e-011	-504239.08
	50	-1.50e-011	1344.61	3.58e-014	-203085.40	-2.27e-013	-316210.52
679	53	-1.81e-012	356.17	-2.87e-014	17333.26	-4.38e-011	131718.58
	58	1.81e-012	-356.17	2.87e-014	-17333.26	-2.94e-011	154267.11
680	49	-1.73e-011	873.20	4.30e-014	-137467.66	-8.39e-011	-206957.74
	53	1.73e-011	-873.20	-4.30e-014	137467.66	-4.49e-011	269418.37
681	46	1.39e-012	992.74	-1.17e-013	199449.59	-3.68e-012	361554.27
	49	-1.39e-012	-992.74	1.17e-013	-199449.59	-7.31e-012	245880.40
682	42	-1.01e-011	1173.73	1.45e-014	-74093.60	1.31e-011	264999.36
	52	1.01e-011	-1173.73	-1.45e-014	74093.60	-2.92e-011	377704.02
683	41	-3.07e-011	1327.54	-1.19e-013	169336.32	2.93e-011	512990.26
	42	3.07e-011	-1327.54	1.19e-013	-169336.32	-5.93e-013	299626.50
684	53	-5.83e-012	-7758.83	1.92e-014	25348.57	6.13e-011	-1462182.49
	52	5.83e-012	7758.83	-1.92e-014	-25348.57	-6.27e-011	-1622046.66
685	54	2.36e-012	-10852.49	-3.25e-013	33763.15	-9.79e-011	-1607894.04
	53	-2.36e-012	10852.49	3.25e-013	-33763.15	-5.18e-011	-1647857.20
686	55	4.57e-011	-8147.21	-1.24e-013	18871.27	3.27e-011	-2324820.53
	54	-4.57e-011	8147.21	1.24e-013	-18871.27	1.14e-011	-1667558.30
687	57	-1.18e-010	-14870.17	5.05e-013	58943.28	-2.85e-011	-2147201.47
	58	1.18e-010	14870.17	-5.05e-013	-58943.28	4.22e-011	-2276846.76
688	56	6.07e-011	-8112.48	-5.81e-013	33645.59	4.44e-011	-1999753.31
	57	-6.07e-011	8112.48	5.81e-013	-33645.59	-3.00e-011	-1792957.97
689	55	-5.22e-012	-869.49	-2.96e-014	-24112.49	1.47e-011	-316915.97
	56	5.22e-012	869.49	2.96e-014	24112.49	2.26e-011	-376858.61
690	51	-5.41e-012	-2054.47	3.65e-013	63529.67	-2.11e-010	-477149.13
	55	5.41e-012	2054.47	-3.65e-013	-63529.67	-1.19e-010	-653533.90
691	48	4.12e-012	-2226.71	0.00	186173.36	0.00	-864147.87
	51	-4.12e-012	2226.71	0.00	-186173.36	0.00	-494861.59
692	34	-8449.96	-4245.10	-5744.58	-48358.11	1212137.88	-788157.44
	77	8449.96	4245.10	5744.58	48358.11	799545.71	-697693.40
693	31	-6462.30	-2378.75	-7408.15	-48358.11	1403388.62	-442313.34
	74	6462.30	2378.75	7408.15	48358.11	1189608.18	-390322.51
694	28	-3469.43	-1859.39	-7743.46	-48358.11	1441913.33	-348253.28
	71	3469.43	1859.39	7743.46	48358.11	1268356.80	-302647.26
695	25	4634.00	1259.03	-7523.58	-48358.11	1416688.86	308092.04
	68	-4634.00	-1259.03	7523.58	48358.11	1216624.42	134886.16
696	22	-5924.61	2803.09	-7372.15	-48358.11	1399306.96	591777.58
	65	5924.61	-2803.09	7372.15	48358.11	1181022.26	389631.19

697	19	-935.57	2923.27	-7542.92	-48358.11	1418910.61	720924.32
	62	935.57	-2923.27	7542.92	48358.11	1221168.89	304472.44
698	16	7197.80	6025.64	-6176.50	-48358.11	1261939.53	1211287.83
	59	-7197.80	-6025.64	6176.50	48358.11	900320.69	898009.06
699	35	-1986.66	-4735.45	-3621.83	-48358.11	900537.89	-844451.32
	78	1986.66	4735.45	3621.83	48358.11	368486.88	-812962.87
700	32	-2553.34	-2670.82	-4076.95	-48358.11	952837.55	-475869.47
	75	2553.34	2670.82	4076.95	48358.11	474893.26	-458924.66
701	29	-9984.44	2074.62	-6341.12	-48358.11	1212808.11	372975.69
	72	9984.44	-2074.62	6341.12	48358.11	1006623.05	353202.11
702	26	6692.79	1449.17	-7213.58	-48358.11	1312918.71	330053.02
	69	-6692.79	-1449.17	7213.58	48358.11	1211840.61	178483.96
703	23	-4253.79	3582.50	-6907.20	-48358.11	1277768.04	681307.85
	66	4253.79	-3582.50	6907.20	48358.11	1139761.54	572624.36
704	20	-1346.59	3382.76	-7172.84	-48358.11	1308244.88	773872.20
	63	1346.59	-3382.76	7172.84	48358.11	1202257.19	411084.73
705	17	7899.46	7482.88	-5854.34	-48358.11	1156940.22	1378610.91
	60	-7899.46	-7482.88	5854.34	48358.11	892168.72	1240440.48
706	36	-8455.00	-4622.06	-4767.78	-48358.11	998575.08	-831439.06
	79	8455.00	4622.06	4767.78	48358.11	670202.81	-786297.32
707	33	-5173.03	-2611.91	-5945.24	-48358.11	1133671.38	-469108.11
	76	5173.03	2611.91	5945.24	48358.11	947171.60	-445069.77
708	30	4850.90	2011.55	-6115.43	-48358.11	1153180.78	365692.29
	73	-4850.90	-2011.55	6115.43	48358.11	987249.58	338468.67
709	27	5936.39	1280.75	-6090.73	-48358.11	1150365.46	310415.46
	70	-5936.39	-1280.75	6090.73	48358.11	981396.33	140678.22
710	24	-7811.73	2985.02	-5941.27	-48358.11	1133215.81	612674.79
	67	7811.73	-2985.02	5941.27	48358.11	946239.38	432331.27
711	21	-988.79	2982.01	-6075.32	-48358.11	1148595.49	727634.02
	64	988.79	-2982.01	6075.32	48358.11	977776.12	318333.93
712	18	20055.92	6346.19	-4863.10	-48358.11	1009520.53	1248102.59
	61	-20055.92	-6346.19	4863.10	48358.11	692592.32	973294.39
713	39	-854.09	-4499.19	-3195.25	-48358.11	799967.44	-817337.54
	82	854.09	4499.19	3195.25	48358.11	319590.03	-757399.89
714	38	-862.52	-2522.34	-3471.07	-48358.11	831720.91	-458820.22
	81	862.52	2522.34	3471.07	48358.11	383783.35	-424024.46
715	37	562.56	-2008.61	-3231.43	-48358.11	804073.46	-365432.97
	80	-562.56	2008.61	3231.43	48358.11	328294.68	-337604.21
716	45	-8601.65	-4452.40	-5810.65	-48358.11	1168429.09	-811974.98
	88	8601.65	4452.40	5810.65	48358.11	865695.78	-746381.56
717	44	1868.28	-2514.90	-5817.06	-48358.11	1169144.42	-457976.13
	87	-1868.28	2514.90	5817.06	48358.11	867255.92	-422255.38
718	43	-3842.65	-1981.55	-5715.91	-48358.11	1157491.75	-362302.93
	86	3842.65	1981.55	5715.91	48358.11	843610.31	-331298.16
719	40	11146.24	2379.25	-5722.83	-48358.11	1158400.88	457778.37
	83	-11146.24	-2379.25	5722.83	48358.11	844913.36	375035.99
720	48	1336.11	1167.47	-4534.83	20133.36	1073985.08	210092.14
	91	-1336.11	-1167.47	4534.83	-20133.36	522478.99	216212.83
721	47	-264.40	1112.18	-6629.60	32249.76	1664681.30	159142.35
	90	264.40	-1112.18	6629.60	-32249.76	660887.62	-234726.14
722	46	-324.87	-1572.86	-6375.76	32249.76	1628240.31	-269695.30

	89	324.87	1572.86	6375.76	-32249.76	612789.09	-283999.67
723	41	-1465.55	-1714.55	-4337.30	20133.36	1046406.87	-315001.60
	84	1465.55	1714.55	4337.30	-20133.36	477470.20	-289621.39
724	51	-2868.01	1651.00	-1974.29	20133.36	493537.18	292497.39
	94	2868.01	-1651.00	1974.29	-20133.36	223056.06	285443.76
725	50	-1930.60	-1745.89	-2997.56	32249.76	747360.78	-315591.48
	93	1930.60	1745.89	2997.56	-32249.76	316601.99	-295512.21
726	49	657.23	-1814.63	-2830.13	32249.76	730413.45	-325711.70
	92	-657.23	1814.63	2830.13	-32249.76	280716.84	-309514.75
727	42	2512.10	-1640.38	-2129.23	20133.36	533503.32	-294082.98
	85	-2512.10	1640.38	2129.23	-20133.36	226760.65	-280069.52
728	55	-16468.39	2071.76	-10549.68	64426.77	2692860.23	362524.24
	98	16468.39	-2071.76	10549.68	-64426.77	1231520.20	365772.73
729	54	-4005.98	1321.44	-10906.09	32249.76	1988397.41	210271.79
	97	4005.98	-1321.44	10906.09	-32249.76	1829070.97	-253050.54
730	53	5151.60	-1599.59	-9986.92	32249.76	1867291.81	-279307.79
	96	-5151.60	1599.59	9986.92	-32249.76	1628819.44	-281026.76
731	52	16856.34	-1338.41	-5041.84	20133.36	978493.27	-249459.53
	95	-16856.34	1338.41	5041.84	-20133.36	787933.46	-219359.86
732	56	-10298.39	835.28	-4338.70	20133.36	844546.84	154962.74
	99	10298.39	-835.28	4338.70	-20133.36	677036.59	149738.00
733	57	-7666.40	486.08	-10412.68	32249.76	1872660.47	66529.86
	100	7666.40	-486.08	10412.68	-32249.76	1772348.07	120140.58
734	58	19910.24	-707.50	-5365.90	20133.36	1009833.14	-122550.95
	101	-19910.24	707.50	5365.90	-20133.36	869573.58	-125914.64
735	15	34477.09	737.99	-7868.79	-57170.87	1682730.96	164983.00
	58	-34477.09	-737.99	7868.79	57170.87	1307774.00	124480.24
736	14	-14153.31	-1018.65	-12440.75	-87137.43	2612447.14	-299058.38
	57	14153.31	1018.65	12440.75	87137.43	2115537.93	-96680.41
737	13	-17472.66	-2666.99	-7313.92	-57170.87	1613715.90	-594485.24
	56	17472.66	2666.99	7313.92	57170.87	1165967.14	-420605.00
738	9	23642.07	2326.40	-3945.29	-57170.87	909561.84	467354.76
	52	-23642.07	-2326.40	3945.29	57170.87	590686.01	417846.38
739	10	8368.72	1316.30	-6858.63	-87137.43	1486734.96	280583.76
	53	-8368.72	-1316.30	6858.63	87137.43	1120354.44	222080.12
740	11	-5934.16	-1748.55	-7031.83	-87137.43	1508209.97	-390725.16
	54	5934.16	1748.55	7031.83	87137.43	1164628.58	-274198.20
741	12	-23336.34	-4317.69	-7806.12	-114212.78	3005316.42	-877227.63
	55	23336.34	4317.69	7806.12	114212.78	-586612.77	-764344.19
742	2	2370.80	2648.37	553.01	-57170.87	214872.11	508140.17
	42	-2370.80	-2648.37	-553.01	57170.87	-297581.91	498417.97
743	6	534.25	1072.75	873.93	-57170.87	180930.50	211127.49
	49	-534.25	-1072.75	-873.93	57170.87	-400795.68	197029.02
744	7	-1871.96	-1580.63	895.35	-57170.87	180171.14	-310998.00
	50	1871.96	1580.63	-895.35	57170.87	-406055.96	-289692.28
745	8	-2735.15	-4042.94	689.10	-57170.87	190212.14	-780134.76
	51	2735.15	4042.94	-689.10	57170.87	-354257.48	-756234.02
Elem Nodo	Nx	Ny	Nxy	Mx	My	Mxy	
104	381	0.36	1.43	-0.33	201.48	-320.10	229.64
	472	0.32	-2.17	-0.73	173.07	106.92	501.91
	473	-0.19	-2.19	-0.32	1261.26	-694.31	262.29

	382	-0.21	1.45	0.82	103.05	231.77	38.84
105	378	-4.33e-002	-1.64	-0.18	43.90	38.22	221.82
	467	-7.70e-002	-2.14	3.42e-002	15.08	67.81	250.91
	472	0.31	-2.12	-0.15	68.06	76.31	283.04
	381	0.34	-1.61	-0.30	76.52	-82.81	253.55
106	377	-4.30e-002	-1.30	-0.24	18.78	95.79	169.78
	466	-9.57e-003	-1.97	-0.10	2.33	129.32	172.69
	467	-6.51e-002	-1.97	2.64e-002	4.47	77.19	217.32
	378	-2.33e-002	-1.31	-0.15	26.00	49.46	214.29
107	374	9.39e-003	-1.13	-0.23	16.88	114.29	100.31
	465	-2.68e-002	-1.69	-0.10	0.78	150.84	100.20
	466	-1.84e-002	-1.69	-0.13	-0.90	129.84	148.63
	377	-5.36e-002	-1.13	-0.26	15.41	99.56	148.72
108	373	-7.43e-003	-0.91	-0.25	17.98	119.99	29.34
	464	-2.31e-002	-1.38	-0.10	0.57	156.57	29.08
	465	7.02e-003	-1.38	-8.09e-002	0.80	149.72	75.88
	374	2.38e-002	-0.91	-0.24	16.22	115.92	76.17
109	370	-3.86e-003	0.72	-0.25	18.59	120.71	-59.90
	459	-2.02e-002	1.07	-9.34e-002	0.59	156.62	-60.03
	464	3.80e-003	1.07	-0.10	0.73	156.08	-19.88
	373	2.02e-002	0.71	-0.25	17.91	120.37	-19.88
110	369	-3.12e-003	0.52	-0.25	18.58	119.35	-136.35
	458	-1.66e-002	0.78	-0.10	0.62	154.38	-136.37
	459	3.16e-003	0.77	-9.28e-002	0.66	156.80	-84.59
	370	1.65e-002	0.52	-0.25	18.69	120.48	-84.57
111	366	-5.06e-003	0.33	-0.25	18.07	116.79	-212.94
	457	-1.34e-002	0.50	-0.10	0.65	150.70	-212.88
	458	5.07e-003	0.50	-0.10	0.60	155.04	-161.39
	369	1.34e-002	0.33	-0.25	18.74	118.80	-161.46
112	365	-8.02e-003	0.20	-0.25	17.02	112.78	-287.73
	456	9.92e-003	0.30	-9.26e-002	0.69	145.10	-287.57
	457	8.02e-003	0.29	-0.10	0.56	151.77	-237.46
	366	-9.97e-003	0.20	-0.25	18.28	115.97	-237.62
113	303	-1.13e-002	0.23	-0.25	15.43	105.60	-359.42
	453	7.02e-003	0.35	-0.10	0.72	135.46	-359.21
	456	1.13e-002	0.35	-9.31e-002	0.54	146.63	-311.39
	365	-7.06e-003	0.23	-0.25	17.36	111.48	-311.60
114	300	-1.55e-002	0.39	-0.24	14.35	90.19	-426.19
	452	3.06e-003	0.60	-7.96e-002	0.80	116.28	-426.26
	453	1.46e-002	0.60	-0.10	0.74	137.39	-381.91
	303	-3.71e-003	0.40	-0.25	16.16	103.14	-381.84
115	299	-3.33e-002	0.60	-0.27	19.57	53.58	-485.32
	451	1.69e-002	0.89	-0.14	2.11	74.15	-487.39
	452	1.77e-002	0.89	-9.25e-002	2.08	117.63	-447.75
	300	-5.53e-003	0.60	-0.23	16.39	84.30	-445.69
116	296	-9.17e-002	0.78	-0.18	43.45	-33.64	-530.55
	450	-0.11	1.17	4.02e-002	15.82	-34.77	-540.49
	451	7.41e-003	1.17	-0.11	8.53	73.27	-509.61
	299	-2.23e-002	0.77	-0.27	25.66	35.36	-499.74
117	295	-0.34	0.97	-0.49	63.93	-229.59	-519.65
	449	-0.31	1.46	-0.19	86.55	-356.96	-542.95
	450	-0.14	1.49	5.88e-002	32.40	-9.24	-567.63
	296	-0.10	1.00	0.30	61.24	-97.23	-544.60
118	245	1.95	0.66	-0.91	708.77	-579.15	-186.12
	255	1.96	2.02	-0.85	-408.52	-1447.88	-244.25
	449	-0.28	1.99	-1.21	117.77	60.38	-506.45
	295	-0.36	0.66	-0.22	142.02	-394.64	-450.42

119	290	-0.72	2.23	-9.14e-002	91.85	-31.99	173.36
	381	-0.77	1.40	-0.32	106.57	-325.32	212.36
	382	-0.39	1.48	1.64	927.93	134.85	51.26
	293	-0.44	2.30	2.01	-650.85	276.62	30.38
120	289	3.36e-002	-1.23	-0.11	39.30	-9.24	204.25
	378	-1.30e-002	-1.63	-8.47e-002	34.08	26.24	225.84
	381	-0.77	-1.59	-0.83	140.43	-71.93	199.16
	290	-0.79	-1.19	-0.67	56.52	-21.91	177.24
121	286	3.31e-002	-0.68	-0.49	19.35	48.73	168.28
	377	-8.43e-003	-1.31	-0.36	10.02	78.54	171.75
	378	-3.12e-002	-1.30	-6.82e-002	34.02	40.05	202.05
	289	-7.04e-002	-0.68	-0.16	18.63	26.36	198.50
122	285	6.92e-003	-0.57	-0.30	16.05	62.03	101.38
	374	-3.00e-002	-1.14	-0.27	5.57	95.88	101.13
	377	3.69e-003	-1.13	-0.39	10.76	83.64	147.37
	286	4.01e-002	-0.57	-0.41	10.94	52.63	147.60
123	265	-1.16e-002	-0.46	-0.36	16.30	65.42	30.15
	373	-1.84e-002	-0.92	-0.32	6.58	101.15	29.68
	374	1.58e-002	-0.92	-0.28	7.32	97.83	76.34
	285	1.44e-002	-0.46	-0.32	13.80	62.55	76.86
124	264	-6.37e-003	0.36	-0.34	16.61	65.70	-59.43
	370	-1.72e-002	0.72	-0.31	7.58	101.87	-59.67
	373	5.55e-003	0.72	-0.32	7.35	101.58	-19.99
	265	1.80e-002	0.36	-0.35	15.97	65.34	-20.00
125	263	-4.28e-003	0.26	-0.34	16.51	64.87	-136.15
	369	-1.31e-002	0.52	-0.31	7.97	100.77	-136.20
	370	4.49e-003	0.52	-0.31	7.54	101.61	-84.78
	264	1.29e-002	0.26	-0.34	16.88	65.51	-84.74
126	262	-3.05e-003	0.17	-0.34	15.98	63.41	-213.01
	366	1.02e-002	0.33	-0.31	7.94	98.66	-212.90
	369	3.07e-003	0.33	-0.31	7.44	100.15	-161.81
	263	-1.02e-002	0.16	-0.34	17.01	64.64	-161.92
127	261	-4.89e-003	0.10	-0.34	14.91	61.13	-288.07
	365	6.48e-003	0.20	-0.31	7.67	95.31	-287.82
	366	4.97e-003	0.20	-0.31	7.00	97.70	-238.06
	262	-6.67e-003	0.10	-0.34	16.69	63.15	-238.31
128	260	-8.85e-003	0.12	-0.35	13.12	56.84	-359.87
	303	5.30e-003	0.23	-0.32	7.48	89.21	-359.53
	365	8.36e-003	0.24	-0.31	6.15	93.81	-312.15
	261	-4.52e-003	0.12	-0.34	16.08	60.77	-312.50
129	259	-8.69e-003	0.20	-0.32	11.30	46.88	-425.25
	300	5.43e-003	0.40	-0.28	9.12	75.79	-425.42
	303	1.02e-002	0.40	-0.32	5.15	86.39	-382.61
	260	-2.92e-003	0.20	-0.36	15.73	56.14	-382.44
130	258	-2.73e-002	0.30	-0.41	15.64	20.67	-476.43
	299	-8.43e-003	0.60	-0.39	20.27	43.19	-480.31
	300	1.99e-002	0.60	-0.27	6.46	68.95	-446.88
	259	-6.41e-003	0.30	-0.30	18.64	45.13	-443.01
131	257	-3.56e-002	0.40	-0.15	50.99	-48.28	-494.72
	296	-1.55e-002	0.77	-7.95e-002	70.86	-32.52	-515.43
	299	4.51e-003	0.77	-0.39	19.69	20.83	-500.93
	258	-2.07e-002	0.40	-0.47	38.43	16.05	-480.26
132	256	0.79	0.73	-0.63	174.35	-174.19	-429.40
	295	0.79	0.97	-0.93	279.77	-168.50	-507.48
	296	-1.26e-002	9.95e-001	0.17	75.41	-123.67	-541.66
	257	-2.14e-002	0.77	-0.23	124.56	-73.39	-463.89
133	235	1.56	1.42	-2.02	930.57	138.12	-109.10

	245	1.59	0.66	-1.46	100.55	-416.18	-207.26
	295	0.80	0.64	-0.37	213.19	-341.50	-442.61
	256	0.74	1.43	-0.23	353.94	-437.97	-339.44
134	471	-0.49	-3.15e-002	5.18	55.34	97.45	337.23
	290	-0.63	2.31	0.80	103.56	-30.08	164.55
	293	-0.61	2.31	3.58	436.64	213.50	30.67
	200	-0.47	-3.07e-002	0.83	-1148.37	-182.72	170.35
135	470	5.47e-002	3.55e-003	-0.10	11.64	-4.33	205.75
	289	2.63e-002	-1.24	-0.20	20.80	-6.88	199.97
	290	-0.57	-1.27	-1.51	39.86	-15.39	194.11
	471	-0.49	-3.15e-002	-1.77	23.67	6.39	200.21
136	229	-3.54e-002	-2.30e-003	-0.63	6.81	7.12	166.76
	286	-1.04e-002	-0.68	-0.57	6.75	32.78	168.39
	289	-1.22e-002	-0.68	-0.11	25.65	19.89	196.90
	470	5.47e-002	3.55e-003	-0.15	-9.08	3.83	195.31
137	469	1.40e-002	9.11e-004	-0.33	3.68	9.11	101.66
	285	-2.32e-002	-0.57	-0.32	2.42	43.13	101.82
	286	-4.44e-003	-0.57	-0.50	8.98	37.27	146.55
	229	-3.54e-002	-2.30e-003	-0.51	-2.55	7.53	146.37
138	468	1.47e-002	9.57e-004	-0.42	2.78	9.61	30.55
	265	-1.51e-002	-0.46	-0.40	2.02	45.82	30.41
	285	-1.58e-002	-0.46	-0.34	3.72	44.06	76.63
	469	1.40e-002	9.11e-004	-0.36	0.90	9.04	76.79
139	228	-9.53e-003	-6.19e-004	-0.39	2.53	9.62	-59.02
	264	-1.39e-002	0.36	-0.37	2.57	46.11	-59.12
	265	8.68e-003	0.36	-0.39	2.61	45.93	-20.07
	468	1.47e-002	9.57e-004	-0.41	2.25	9.51	-20.07
140	463	-7.03e-003	-4.57e-004	-0.40	2.40	9.48	-135.83
	263	9.85e-003	0.26	-0.38	2.86	45.56	-135.87
	264	7.35e-003	0.26	-0.38	2.49	45.99	-84.94
	228	-9.53e-003	-6.19e-004	-0.39	2.73	9.57	-84.91
141	462	-3.94e-003	-2.56e-004	-0.40	2.20	9.25	-212.78
	262	7.04e-003	0.17	-0.38	2.92	44.57	-212.75
	263	3.95e-003	0.17	-0.38	2.43	45.35	-162.16
	463	-7.03e-003	-4.57e-004	-0.40	2.88	9.46	-162.19
142	227	-3.19e-003	-2.07e-004	-0.39	1.76	8.89	-287.90
	261	3.70e-003	0.10	-0.38	2.98	43.00	-287.83
	262	3.13e-003	0.10	-0.38	2.20	44.27	-238.59
	462	-3.94e-003	-2.56e-004	-0.40	2.94	9.26	-238.66
143	461	-6.05e-003	-3.93e-004	-0.41	0.65	8.22	-359.44
	260	3.42e-003	0.12	-0.39	3.75	40.01	-359.39
	261	5.35e-003	0.12	-0.37	1.77	42.54	-312.82
	227	-3.19e-003	-2.07e-004	-0.39	3.07	8.93	-312.87
144	460	-6.55e-003	-4.26e-004	-0.36	-2.40	6.70	-422.87
	259	7.03e-003	0.20	-0.35	8.08	32.85	-423.25
	260	6.91e-003	0.20	-0.40	1.54	39.10	-382.90
	461	-6.05e-003	-3.93e-004	-0.42	3.70	8.24	-382.53
145	226	-1.83e-002	-1.19e-003	-0.50	-9.85	2.94	-464.59
	258	3.86e-003	0.30	-0.49	26.43	13.17	-467.30
	259	1.41e-002	0.30	-0.33	3.31	30.97	-443.90
	460	-6.55e-003	-4.26e-004	-0.34	6.28	6.38	-441.19
146	455	-4.72e-002	-3.07e-003	-0.18	-20.43	-5.42	-445.35
	257	-3.15e-002	0.40	-0.16	91.72	-41.43	-458.48
	258	8.89e-003	0.40	-0.55	15.93	9.87	-481.96
	226	-1.83e-002	-1.19e-003	-0.59	15.74	-0.91	-468.76
147	454	-0.70	-4.57e-002	1.54	19.72	-11.62	-277.80
	256	-0.75	0.81	-1.28	299.13	-135.09	-332.02

	257	-4.27e-002	0.77	-0.34	80.37	-60.19	-460.80
	455	-4.72e-002	-3.07e-003	-0.12	48.73	-21.57	-405.27
148	197	1.90	0.12	1.22	1239.81	192.69	137.61
	235	1.85	1.41	-3.74	279.02	200.68	-168.28
	256	-0.80	-1.52	0.47	349.93	-369.33	-279.50
	454	-0.70	-4.57e-002	5.26	191.06	-167.40	89.93
149	244	-0.47	0.61	0.10	138.70	-391.22	383.83
	254	-0.38	2.01	1.59	125.84	58.44	432.83
	255	2.05	2.13	0.86	-406.17	-1443.95	166.69
	245	1.99	0.74	0.84	717.11	-572.71	124.92
150	243	-8.23e-002	1.07	-0.21	57.75	-98.76	479.38
	253	-0.10	1.36	-7.27e-002	34.02	-15.21	500.58
	254	-0.43	1.33	0.21	82.44	-357.02	472.41
	244	-0.44	1.04	-0.48	56.65	-229.32	451.08
151	242	-2.31e-002	0.73	0.31	23.50	30.35	439.80
	252	-5.37e-003	1.06	0.13	8.32	64.19	448.59
	253	-8.46e-002	1.07	-2.66e-002	14.80	-38.42	475.41
	243	-6.70e-002	0.73	0.17	38.50	-37.98	466.56
152	241	-2.52e-003	0.49	0.26	14.73	73.02	392.04
	251	1.57e-002	0.73	0.10	1.62	101.59	393.69
	252	-2.37e-002	0.72	0.15	1.48	64.68	428.52
	242	-3.84e-002	0.49	0.32	17.06	46.29	426.87
153	240	6.91e-003	0.24	0.30	15.03	86.17	336.42
	250	1.43e-002	0.36	0.12	0.10	115.07	336.24
	251	-9.47e-003	0.36	8.80e-002	0.30	100.54	374.75
	241	-1.69e-002	0.23	0.27	12.88	77.50	374.93
154	239	1.20e-002	0.10	0.28	19.69	86.98	275.72
	249	1.02e-002	0.16	9.11e-002	-0.66	117.83	274.71
	250	-1.11e-002	0.16	0.12	0.49	112.67	316.51
	240	-9.54e-003	0.10	0.30	14.88	87.45	317.52
155	238	3.16e-002	-0.32	0.31	35.40	78.28	209.08
	248	2.27e-002	-0.47	0.15	-1.40	116.65	205.68
	249	-1.50e-002	-0.47	0.11	1.59	111.98	253.51
	239	-6.35e-003	-0.32	0.27	20.87	86.91	256.94
156	237	-7.17e-002	-0.54	0.23	82.96	56.74	128.45
	247	-9.05e-002	-0.83	5.22e-002	4.58	116.00	117.28
	248	-4.29e-003	-0.83	0.11	6.33	99.54	179.59
	238	1.77e-002	-0.53	0.30	39.86	75.67	191.40
157	236	-0.33	-0.80	0.45	176.36	31.00	49.77
	246	-0.31	-1.17	-0.14	73.13	90.87	-55.65
	247	-0.11	-1.20	5.37e-002	26.39	85.39	76.70
	237	-9.07e-002	-0.83	0.33	99.63	40.82	108.03
158	433	0.58	-0.74	0.73	433.59	185.46	124.09
	443	0.58	-1.45	-0.37	663.54	-263.75	-96.01
	246	-0.29	-1.45	-0.83	159.09	189.81	-191.50
	236	-0.34	-0.75	5.87e-002	286.48	-116.42	50.68
159	234	0.39	1.32	0.18	345.01	-443.41	273.02
	244	0.44	0.62	0.50	207.49	-342.85	375.48
	245	1.64	0.72	1.38	67.63	-407.81	140.67
	235	1.65	1.40	-2.04	938.72	123.44	66.68
160	233	-2.71e-002	0.87	0.14	119.87	-72.74	402.44
	243	-1.49e-002	1.07	-0.13	70.76	-123.09	476.00
	244	0.42	1.05	0.93	274.19	-169.08	438.65
	234	0.42	0.85	0.81	162.49	-172.36	365.08
161	232	-2.12e-002	0.40	0.55	35.68	14.80	421.84
	242	1.55e-003	0.73	0.44	17.09	17.86	440.52
	243	-3.63e-002	0.73	0.10	67.61	-36.21	452.08

	233	-5.66e-002	0.40	0.21	43.59	-49.96	433.37
162	231	-3.50e-003	0.25	0.35	16.56	39.28	389.78
	241	1.83e-002	0.50	0.32	5.30	59.60	393.02
	242	-1.55e-002	0.49	0.45	17.88	37.02	422.14
	232	-3.13e-002	0.25	0.48	12.93	17.20	418.89
163	230	3.27e-003	0.12	0.43	14.11	46.56	337.84
	240	1.00e-002	0.24	0.39	5.10	71.89	337.60
	241	-1.89e-003	0.24	0.33	7.46	64.85	374.15
	231	-6.90e-003	0.12	0.37	10.28	40.04	374.39
164	477	2.90e-003	5.24e-002	0.37	17.10	45.90	280.47
	239	1.58e-003	0.10	0.34	9.37	72.20	278.69
	240	-6.57e-003	0.10	0.39	7.17	73.40	317.50
	230	-5.41e-003	5.26e-002	0.42	13.42	46.45	319.27
165	476	2.22e-002	-0.16	0.47	30.32	37.13	224.67
	238	-1.22e-002	-0.32	0.44	23.36	62.66	218.57
	239	-1.68e-002	-0.32	0.33	13.12	72.15	256.89
	477	-7.05e-003	-0.16	0.36	20.56	44.84	263.03
166	475	-3.83e-002	-0.27	0.23	78.56	14.70	176.94
	237	-2.25e-002	-0.53	0.14	74.15	39.87	155.35
	238	-4.37e-003	-0.53	0.44	35.72	58.96	191.82
	476	-1.44e-002	-0.28	0.53	43.38	33.71	213.71
167	474	0.68	-0.66	0.67	226.17	-4.83	153.59
	236	0.67	-0.78	0.94	262.32	29.97	86.46
	237	-7.67e-003	-0.82	0.23	111.20	-15.06	112.51
	475	-1.11e-002	-0.70	7.87e-002	121.73	-10.89	183.68
168	423	0.49	-1.42	1.83	388.58	292.98	185.47
	433	0.51	-0.74	1.25	591.03	246.48	100.26
	236	0.68	-0.72	0.45	283.89	-130.62	64.39
	474	0.63	-1.40	0.16	310.57	-135.70	146.20
169	448	-0.67	-4.35e-002	-4.49	191.21	-164.06	-118.19
	234	-0.76	1.39	0.44	336.84	-373.80	218.31
	235	1.95	1.42	-3.76	268.20	191.20	105.91
	197	1.90	0.12	-0.61	1242.06	187.78	-203.24
170	225	-7.54e-002	-4.90e-003	0.16	46.93	-20.20	347.50
	233	-3.10e-002	0.87	0.18	76.02	-58.71	398.57
	234	-0.72	0.91	1.41	292.60	-133.33	271.57
	448	-0.67	-4.35e-002	1.56	11.83	-12.94	222.88
171	447	-2.20e-002	-1.43e-003	0.67	14.82	-1.08	411.17
	232	4.84e-003	0.40	0.62	14.23	9.28	423.07
	233	-5.15e-002	0.40	0.22	88.48	-42.12	398.47
	225	-7.54e-002	-4.90e-003	0.26	-22.43	-6.10	386.64
172	224	-4.39e-003	-2.85e-004	0.41	5.62	5.61	388.35
	231	1.21e-002	0.25	0.39	2.80	26.91	390.62
	232	-6.46e-003	0.25	0.55	24.32	10.82	410.25
	447	-2.20e-002	-1.43e-003	0.57	-9.85	2.36	407.97
173	446	-2.22e-003	-1.44e-004	0.50	2.79	6.89	338.68
	230	5.72e-003	0.12	0.48	2.55	32.28	338.76
	231	3.53e-003	0.12	0.41	6.82	27.91	372.55
	224	-4.39e-003	-2.85e-004	0.43	-1.79	5.72	372.47
174	223	1.69e-003	1.10e-004	0.43	1.13	6.84	283.81
	477	1.81e-003	5.27e-002	0.41	7.61	31.68	282.92
	230	-3.12e-003	5.27e-002	0.48	3.73	32.44	318.77
	446	-2.22e-003	-1.44e-004	0.50	1.93	6.67	319.67
175	445	1.63e-002	1.06e-003	0.57	-1.35	5.82	236.32
	476	-6.67e-003	-0.16	0.55	24.49	24.36	233.05
	477	-9.71e-003	-0.16	0.39	7.37	31.07	262.52
	223	1.69e-003	1.10e-004	0.41	5.01	6.18	265.79

176	222	-2.63e-002	-1.71e-003	0.22	1.42	4.04	215.96
	475	-1.58e-002	-0.28	0.18	75.88	-6.69	204.23
	476	-2.80e-003	-0.28	0.61	24.52	22.93	213.05
	445	1.63e-002	1.06e-003	0.66	12.06	3.27	224.75
177	444	-0.68	-4.43e-002	1.59	50.03	10.29	251.77
	474	-0.73	-0.75	1.32	194.55	-16.55	214.72
	475	-3.00e-002	-0.71	0.12	85.48	-8.56	187.80
	222	-2.63e-002	-1.71e-003	0.17	31.37	-8.27	224.52
178	193	0.71	4.59e-002	1.03	388.33	106.13	275.06
	423	0.64	-1.42	3.45	483.16	291.26	154.09
	474	-0.78	-1.49	0.55	273.73	-150.80	187.70
	444	-0.68	-4.43e-002	4.95	89.37	-48.77	316.86
229	432	0.45	-0.62	-8.68e-002	243.46	-221.97	408.23
	442	-0.40	-1.46	-0.87	198.09	212.33	563.26
	443	0.62	-1.49	0.19	453.99	-772.50	373.73
	433	0.62	-0.65	0.74	535.19	-191.84	218.12
230	431	-0.10	-0.82	-0.25	79.82	46.37	373.59
	441	-0.12	-1.18	3.47e-002	25.90	118.37	392.25
	442	0.42	-1.15	-0.15	51.21	-91.18	438.99
	432	0.44	-0.79	-0.41	126.97	-55.45	419.21
231	430	7.86e-003	-0.59	-0.27	35.18	110.33	283.43
	440	-1.44e-002	-0.91	-9.12e-002	1.43	148.76	288.02
	441	-0.10	-0.91	1.64e-002	1.60	112.59	349.95
	431	-8.00e-002	-0.60	-0.17	56.97	69.49	344.86
232	429	5.56e-003	-0.46	-0.22	23.59	129.81	198.81
	439	-1.10e-002	-0.68	-0.10	-3.53	168.11	199.13
	440	-1.50e-002	-0.68	-0.14	-5.02	154.02	256.27
	430	1.96e-002	-0.46	-0.26	27.73	113.87	255.76
233	428	9.05e-003	-0.35	-0.25	20.81	134.57	127.69
	438	-1.18e-002	-0.52	-0.11	-4.25	172.93	127.43
	439	-1.24e-002	-0.52	-8.25e-002	-4.79	169.52	171.98
	429	1.53e-002	-0.35	-0.23	21.55	130.05	172.12
234	427	1.52e-002	-0.36	-0.23	17.82	132.96	109.18
	437	-1.10e-002	-0.54	-8.55e-002	-3.97	168.38	108.77
	438	-1.19e-002	-0.54	-0.11	-4.39	174.75	112.43
	428	8.25e-003	-0.36	-0.25	20.36	134.01	112.58
235	426	2.49e-002	-0.48	-0.25	9.69	123.44	-157.00
	436	-1.47e-002	-0.71	-0.13	-2.67	150.23	-155.64
	437	-1.23e-002	-0.71	-0.11	-3.69	174.39	120.26
	427	5.77e-003	-0.48	-0.23	17.98	131.15	121.29
236	425	8.37e-002	-0.62	-0.21	-15.32	92.63	-214.32
	435	-0.10	-0.96	-4.22e-002	1.10	97.74	-210.26
	436	-8.36e-003	-0.96	-7.45e-002	-1.96	167.14	-177.34
	426	1.44e-002	-0.62	-0.24	10.73	118.96	-181.17
237	424	0.29	-0.85	-0.29	-64.31	35.75	-229.30
	434	-0.27	-1.17	-2.80e-002	2.82	-84.13	-219.40
	435	-0.12	-1.19	-2.91e-002	4.55	139.64	-224.99
	425	0.10	-0.87	-0.34	-9.08	83.58	-234.72
238	403	-4.72e-002	-0.98	-0.35	-36.13	-317.08	-136.34
	413	-4.47e-002	-0.98	-0.33	-109.29	-497.19	-121.65
	434	-0.29	-0.96	-0.10	21.35	47.17	-202.13
	424	0.28	-0.96	-0.12	-41.95	-59.04	-216.84
239	422	-0.50	-1.23	-0.22	281.86	-233.70	294.26
	432	-0.55	-0.61	0.43	226.30	-231.31	386.42
	433	0.56	-0.65	1.27	487.22	161.07	261.89
	423	0.60	-1.29	1.91	452.51	223.36	168.37
240	421	3.88e-002	-0.64	0.15	105.82	-11.36	321.09

	431	-3.21e-002	-0.81	-0.14	75.16	-20.13	369.00
	432	-0.54	-0.79	-0.91	243.33	-38.45	380.09
	422	-0.55	-0.61	-0.62	154.65	-41.51	330.38
241	420	1.17e-002	-0.31	-0.45	37.87	59.42	273.61
	430	-6.90e-003	-0.59	-0.38	16.80	88.48	282.83
	431	-4.95e-002	-0.59	-7.14e-002	52.89	52.41	328.81
	421	6.30e-002	-0.31	-0.14	45.08	20.42	318.98
242	419	7.89e-003	-0.22	-0.28	21.85	70.70	197.83
	429	-1.58e-002	-0.46	-0.26	4.02	107.77	198.88
	430	-7.97e-003	-0.46	-0.37	10.09	93.02	251.91
	420	1.83e-002	-0.22	-0.39	20.40	56.57	250.59
243	418	6.61e-003	-0.17	-0.34	18.12	73.26	127.86
	428	-8.65e-003	-0.35	-0.32	2.38	112.41	127.71
	429	-4.81e-003	-0.35	-0.27	1.71	108.10	171.71
	419	6.63e-003	-0.17	-0.29	17.38	69.60	171.70
244	417	5.40e-003	-0.18	-0.30	14.92	72.46	110.16
	427	-6.34e-003	-0.36	-0.27	2.42	111.59	109.76
	428	-8.79e-003	-0.36	-0.31	2.60	111.66	112.79
	418	6.10e-003	-0.18	-0.34	17.42	72.93	112.82
245	416	1.65e-002	-0.24	-0.38	6.89	67.63	-161.82
	426	-6.49e-003	-0.48	-0.36	-3.92	104.77	-160.12
	427	-1.80e-002	-0.48	-0.27	-5.79	109.00	121.68
	417	7.52e-003	-0.24	-0.28	15.92	72.10	122.92
246	415	7.23e-002	-0.31	-0.17	-20.44	52.29	-228.03
	425	-5.54e-002	-0.61	-8.94e-002	-7.99	81.64	-222.81
	426	-8.93e-003	-0.62	-0.36	-14.50	97.98	-182.04
	416	1.08e-002	-0.32	-0.44	10.28	66.44	-186.91
247	414	0.79	-0.66	-0.49	-95.11	18.02	-258.06
	424	-0.78	-0.82	-0.87	-15.65	26.28	-243.30
	425	-3.75e-002	-0.86	-0.21	-37.06	67.38	-237.04
	415	4.50e-002	-0.71	-0.17	-7.33	48.17	-251.50
248	393	0.11	-1.50	-1.68	-134.75	-213.10	-155.88
	403	7.33e-002	-0.98	-1.00	-77.44	-277.01	-139.78
	424	-0.77	-0.93	-0.46	-78.65	-48.88	-223.00
	414	0.74	-1.45	-0.23	-35.90	24.97	-239.28
249	383	-0.86	-5.60e-002	-4.54	105.44	-55.75	193.89
	422	-0.94	-1.32	0.31	218.03	-213.39	263.87
	423	0.75	-1.29	-3.53	424.04	230.22	207.41
	193	0.71	4.59e-002	-0.72	419.57	87.79	124.08
250	221	-1.37e-002	-8.92e-004	-0.13	34.48	-3.66	292.46
	421	-2.98e-002	-0.65	0.17	57.34	-6.93	315.06
	422	-0.90	-0.70	1.13	194.34	-35.03	281.39
	383	-0.86	-5.60e-002	1.41	21.93	-4.59	259.80
251	380	1.93e-002	1.25e-003	-0.53	14.67	8.11	267.59
	420	-7.96e-003	-0.31	-0.51	10.36	40.61	273.00
	421	-1.43e-002	-0.31	-0.13	60.03	-11.36	298.56
	221	-1.37e-002	-8.92e-004	-0.15	-14.28	3.27	293.03
252	220	5.37e-003	3.49e-004	-0.32	8.90	10.58	197.09
	419	-1.03e-002	-0.23	-0.31	-6.03	48.66	197.84
	420	-1.20e-002	-0.22	-0.44	11.74	38.18	245.73
	380	1.93e-002	1.25e-003	-0.46	-2.53	8.31	244.85
253	379	5.56e-003	3.61e-004	-0.40	7.24	11.05	127.79
	418	-6.25e-003	-0.17	-0.38	-6.98	50.55	127.80
	419	-5.99e-003	-0.17	-0.32	3.74	47.95	170.88
	220	5.37e-003	3.49e-004	-0.34	4.20	10.41	170.78
254	219	6.01e-003	3.91e-004	-0.34	6.03	10.86	110.35
	417	-5.72e-003	-0.18	-0.32	-7.50	50.21	110.21

	418	-6.55e-003	-0.18	-0.38	-6.79	50.31	112.75
	379	5.56e-003	3.61e-004	-0.40	6.34	11.03	112.72
255	376	2.08e-002	1.35e-003	-0.46	3.34	9.93	-163.62
	416	-9.85e-003	-0.24	-0.45	-8.90	47.38	-162.91
	417	-1.01e-002	-0.24	-0.31	-9.51	49.60	122.91
	219	6.01e-003	3.91e-004	-0.32	6.93	11.06	123.41
256	218	1.52e-002	9.87e-004	-0.14	-7.72	7.04	-234.29
	415	-3.32e-002	-0.32	-0.11	-11.43	38.33	-232.12
	416	-5.28e-003	-0.32	-0.51	-15.79	45.12	-186.76
	376	2.08e-002	1.35e-003	-0.55	7.05	10.62	-188.77
257	375	-0.84	-5.46e-002	-1.52	-42.83	-4.23	-275.87
	414	-0.89	-0.77	-1.14	-10.17	13.43	-270.27
	415	-6.03e-002	-0.72	-0.24	-33.09	30.20	-250.94
	218	1.52e-002	9.87e-004	-0.15	8.00	9.04	-256.39
258	190	7.13e-002	4.63e-003	-1.10	-227.01	-60.29	-201.85
	393	0.12	-1.50	-3.41	-106.24	-177.92	-147.30
	414	-0.94	-1.56	-0.43	-94.49	25.75	-241.53
	375	-0.84	-5.46e-002	4.94	-6.62	15.82	-296.79
259	402	0.23	-0.50	-0.23	-24.13	107.93	-167.14
	412	-0.26	-0.42	-0.17	-16.13	73.79	-166.56
	413	-2.27e-002	-0.42	-0.33	113.45	159.44	-111.41
	403	4.38e-002	-0.52	-0.39	-151.36	69.43	-111.97
260	401	-7.43e-002	-0.49	-0.24	7.20	124.37	-233.67
	411	-7.58e-002	-0.55	-3.19e-002	-6.63	150.81	-238.67
	412	0.23	-0.54	-8.61e-002	-11.73	130.91	-196.72
	402	0.23	-0.47	-0.16	-24.79	95.85	-191.79
261	400	-2.46e-002	-0.27	-0.17	9.15	124.49	-300.33
	410	-1.58e-002	-0.43	-7.47e-002	-2.41	161.19	-303.17
	411	6.97e-002	-0.43	-5.63e-002	-2.37	147.17	-258.16
	401	6.02e-002	-0.27	-0.15	7.24	119.49	-255.38
262	399	-4.86e-003	-0.18	-0.18	12.89	122.39	-375.53
	409	-8.22e-003	-0.26	-9.35e-002	-1.11	158.24	-376.33
	410	2.65e-002	-0.26	-0.11	-0.53	157.21	-326.85
	400	3.03e-002	-0.18	-0.20	9.70	123.76	-326.07
263	398	-6.40e-003	0.12	-0.20	12.27	116.57	-451.35
	408	-5.90e-003	0.19	-8.91e-002	-0.64	149.23	-451.26
	409	6.79e-003	0.19	-7.60e-002	-0.60	158.01	-401.44
	399	6.31e-003	0.12	-0.18	13.36	121.58	-401.53
264	397	-1.00e-002	0.21	-0.18	8.78	101.80	-522.64
	407	-4.03e-003	0.32	-7.58e-002	-0.22	128.74	-522.13
	408	9.17e-003	0.32	-8.96e-002	-0.56	151.75	-475.83
	398	3.50e-003	0.21	-0.20	13.04	114.42	-476.33
265	396	-2.89e-002	0.35	-0.20	4.78	63.84	-582.69
	406	-2.12e-002	0.51	-0.11	1.55	79.80	-582.73
	407	1.09e-002	0.52	-9.16e-002	0.57	133.75	-544.85
	397	-3.23e-003	0.35	-0.18	10.88	96.07	-544.80
266	395	-6.92e-002	0.47	-0.15	6.34	-47.19	-616.87
	405	-8.22e-002	0.72	6.41e-002	14.38	-65.18	-621.35
	406	1.22e-002	0.71	-7.90e-002	6.20	88.69	-603.24
	396	-2.27e-002	0.46	-0.18	11.31	47.16	-598.76
267	394	-0.23	0.65	-0.25	-15.86	-299.36	-567.34
	404	-0.22	0.86	-0.16	77.09	-462.92	-582.12
	405	-9.10e-002	0.88	4.68e-002	30.10	29.20	-639.94
	395	-7.95e-002	0.67	0.26	26.67	-107.64	-625.15
268	353	1.15	0.61	-0.44	547.87	-819.53	-163.96
	363	1.19	1.15	-0.73	-267.41	-1739.07	-215.29
	404	-0.23	1.11	-0.89	131.39	-82.98	-546.67

	394	-0.24	0.60	-0.25	84.22	-491.65	-485.90
269	392	-0.77	-1.29	-0.35	-56.00	95.34	-152.09
	402	-0.83	-0.47	-0.34	-57.47	86.78	-163.14
	403	3.00e-002	-0.51	-1.04	49.88	-64.90	-134.28
	393	8.25e-002	-1.34	-1.69	-218.82	-99.39	-122.86
270	391	1.24e-002	-0.59	-0.20	-15.78	71.02	-216.29
	401	-2.18e-002	-0.48	-0.13	-25.44	109.83	-231.57
	402	-0.83	-0.44	-0.68	-46.69	76.72	-191.16
	392	-0.82	-0.53	-0.43	-54.42	57.90	-176.19
271	390	-1.18e-002	-0.14	-0.37	6.14	68.85	-294.56
	400	-6.15e-003	-0.27	-0.27	-7.36	105.72	-299.94
	401	-3.52e-002	-0.27	-0.10	-13.88	102.01	-250.94
	391	4.19e-002	-0.14	-0.14	-10.61	69.16	-245.67
272	389	-7.60e-003	-9.05e-002	-0.22	10.15	66.95	-374.27
	399	-1.20e-002	-0.18	-0.21	1.46	103.29	-375.74
	400	1.10e-002	-0.18	-0.30	3.60	104.83	-324.03
	390	1.54e-002	-8.93e-002	-0.31	7.80	68.52	-322.59
273	388	-4.15e-003	6.18e-002	-0.27	9.43	63.13	-452.06
	398	-3.44e-003	0.12	-0.25	1.41	98.36	-452.00
	399	4.09e-003	0.12	-0.21	1.46	102.34	-401.10
	389	3.18e-003	6.19e-002	-0.23	11.53	66.59	-401.16
274	387	-5.42e-003	0.10	-0.23	5.35	53.73	-524.10
	397	-4.50e-003	0.21	-0.21	1.99	85.84	-523.41
	398	6.73e-003	0.21	-0.25	1.88	95.79	-476.69
	388	-1.93e-003	0.10	-0.27	11.86	62.73	-477.37
275	386	-1.75e-002	0.17	-0.31	3.08	28.18	-581.16
	396	-7.18e-003	0.35	-0.29	8.05	53.11	-581.75
	397	1.41e-002	0.35	-0.21	-4.33	79.03	-545.79
	387	-5.98e-003	0.17	-0.22	12.22	53.03	-545.20
276	385	-3.83e-002	0.24	-0.14	6.89	-49.28	-598.97
	395	-2.67e-002	0.46	-7.85e-002	45.52	-40.97	-609.87
	396	4.24e-003	0.46	-0.28	4.01	33.07	-600.20
	386	-1.32e-002	0.24	-0.37	22.57	26.16	-589.31
277	384	0.85	0.56	-0.44	55.31	-200.18	-506.45
	394	0.85	0.63	-0.69	220.97	-228.74	-559.83
	395	-1.45e-002	0.66	-0.12	26.44	-125.50	-624.85
	385	-1.42e-002	0.61	-0.23	81.41	-71.78	-571.35
278	343	0.90	1.31	1.60	631.41	-150.26	-111.68
	353	0.93	0.61	-1.01	85.86	-622.10	-181.20
	394	0.85	0.57	-0.34	118.89	-436.74	-483.48
	384	0.80	1.28	-0.30	254.29	-439.21	-394.33
279	372	-0.62	-4.00e-002	-4.79	-25.64	36.33	-96.63
	392	-0.70	-1.38	-0.46	-87.64	78.32	-142.04
	393	0.11	-1.34	-3.42	-26.74	-93.02	-141.13
	190	7.13e-002	4.63e-003	-0.93	-308.69	-53.25	-89.67
280	217	1.74e-002	1.13e-003	-0.12	-3.37	12.50	-205.83
	391	-2.09e-002	-0.59	-0.30	-26.92	49.56	-215.15
	392	-0.65	-0.63	-1.19	-46.51	44.58	-160.38
	372	-0.62	-4.00e-002	-1.47	-19.13	5.64	-151.53
281	371	1.61e-002	1.05e-003	-0.48	1.63	10.58	-291.68
	390	-8.26e-003	-0.14	-0.44	-9.62	48.01	-294.48
	391	-9.33e-003	-0.14	-0.12	-18.95	50.40	-238.94
	217	1.74e-002	1.13e-003	-0.13	2.28	9.52	-236.21
282	216	-2.07e-003	-1.34e-004	-0.24	1.98	9.89	-373.48
	389	-5.92e-003	-9.05e-002	-0.23	-4.35	46.93	-374.25
	390	1.15e-002	-8.97e-002	-0.38	-8.37	48.46	-320.60
	371	1.61e-002	1.05e-003	-0.38	3.19	9.91	-319.83

283	368	-2.59e-003	-1.68e-004	-0.32	1.24	9.17	-451.91
	388	1.96e-003	6.21e-002	-0.31	-2.54	44.36	-451.99
	389	2.44e-003	6.21e-002	-0.25	-5.15	46.64	-400.70
	216	-2.07e-003	-1.34e-004	-0.26	3.46	9.77	-400.62
284	215	-3.43e-003	-2.23e-004	-0.26	-2.66	7.61	-523.26
	387	3.80e-003	0.11	-0.25	1.37	37.81	-523.20
	388	4.41e-003	0.11	-0.31	-5.16	43.68	-477.44
	368	-2.59e-003	-1.68e-004	-0.32	3.89	9.28	-477.50
285	367	-1.68e-002	-1.09e-003	-0.37	-11.95	3.66	-574.19
	386	8.44e-003	0.17	-0.37	13.86	19.35	-575.24
	387	8.66e-003	0.18	-0.24	-6.24	36.48	-545.65
	215	-3.43e-003	-2.23e-004	-0.24	5.77	7.81	-544.60
286	214	-3.12e-002	-2.03e-003	-0.15	-30.37	-7.13	-564.37
	385	-2.26e-002	0.25	-0.14	65.46	-38.53	-572.42
	386	7.82e-003	0.25	-0.43	3.29	16.91	-590.07
	367	-1.68e-002	-1.09e-003	-0.46	13.42	3.01	-582.01
287	364	-0.61	-3.98e-002	-1.38	-35.83	-22.06	-396.64
	384	-0.65	0.65	-1.10	235.78	-146.01	-434.37
	385	-3.75e-002	0.61	-0.34	36.69	-58.26	-567.22
	214	-3.12e-002	-2.03e-003	-0.12	41.23	-16.50	-529.14
288	187	1.09	7.10e-002	1.13	782.49	90.00	107.96
	343	1.06	1.31	3.17	221.92	50.66	-145.08
	384	-0.70	1.38	-0.43	206.04	-348.91	-349.75
	364	-0.61	-3.98e-002	4.65	151.54	-125.01	-179.54
329	352	-0.36	0.79	0.15	115.10	-350.51	526.37
	362	-0.34	1.26	0.74	170.65	60.62	546.71
	363	1.20	1.32	0.52	-357.37	-1606.36	249.19
	353	1.19	0.87	0.42	548.34	-802.88	225.80
330	351	-0.10	0.83	-0.28	35.55	-31.75	636.38
	361	-0.11	1.10	4.83e-002	41.06	74.06	634.64
	362	-0.35	1.08	0.12	37.37	-410.30	585.52
	352	-0.36	0.80	-0.30	-46.89	-252.00	587.05
331	350	-7.90e-003	-0.56	0.24	19.92	82.83	588.88
	360	-1.54e-002	-0.87	7.33e-002	6.13	134.77	586.97
	361	-0.10	-0.87	3.50e-002	5.96	-22.83	616.92
	351	-8.27e-002	-0.56	0.19	15.79	8.93	618.79
332	349	6.15e-003	-0.41	0.22	20.57	119.72	506.60
	359	1.03e-002	-0.61	0.10	-2.87	163.87	504.87
	360	-1.26e-002	-0.61	0.13	-3.74	108.73	559.54
	350	-1.81e-002	-0.41	0.25	10.24	91.23	561.26
333	348	9.04e-003	-0.29	0.24	22.87	133.50	408.39
	358	1.13e-002	-0.44	0.10	-5.31	175.94	407.46
	359	-1.19e-002	-0.44	7.97e-002	-5.80	152.45	472.43
	349	-1.54e-002	-0.29	0.22	17.59	122.44	473.35
334	347	1.55e-002	-0.32	0.22	23.32	139.54	303.02
	357	-1.18e-002	-0.48	8.03e-002	-5.98	180.56	302.71
	358	-1.20e-002	-0.48	0.10	-6.46	170.74	372.15
	348	7.67e-003	-0.32	0.24	21.67	134.52	372.45
335	346	1.60e-002	-0.46	0.24	20.05	140.53	196.01
	356	-8.58e-003	-0.69	0.12	-5.71	177.71	196.45
	357	-1.26e-002	-0.69	0.10	-6.42	180.08	266.15
	347	3.86e-003	-0.46	0.22	22.60	139.53	265.70
336	345	9.26e-002	-0.63	0.21	9.57	130.47	94.93
	355	-0.11	-0.97	2.85e-002	-4.55	156.97	97.13
	356	-1.82e-002	-0.96	6.39e-002	-5.55	184.69	160.62
	346	4.88e-003	-0.63	0.25	19.78	139.48	158.40
337	344	0.28	-0.84	0.32	-28.72	83.04	16.12

	354	0.27	-1.23	5.60e-002	-4.53	88.80	21.95
	355	-0.12	-1.24	2.74e-002	-3.39	178.15	66.55
	345	0.11	-0.86	0.34	11.42	129.95	60.49
338	323	5.12e-002	-1.00	0.35	-72.38	-108.55	-22.34
	333	-3.98e-002	-1.28	0.33	-10.33	-123.82	-17.84
	354	-0.28	-1.27	0.14	3.52	122.09	8.18
	344	0.27	-0.99	0.16	-15.26	81.83	-9.61
339	342	0.63	1.25	0.28	222.37	-382.58	437.22
	352	0.66	0.78	0.46	118.86	-324.16	512.76
	353	0.97	0.86	0.98	-117.63	-628.10	215.59
	343	0.98	1.33	1.64	657.15	-193.96	149.08
340	341	5.51e-002	0.65	0.25	72.69	-26.21	605.53
	351	4.97e-002	0.82	0.17	26.46	-50.18	632.50
	352	0.66	0.79	0.81	186.70	-192.18	576.85
	342	0.67	0.61	0.53	61.32	-159.24	549.80
341	340	9.62e-003	-0.29	0.42	26.89	48.85	586.84
	350	1.07e-002	-0.56	0.34	-9.94	63.72	588.66
	351	6.30e-002	-0.56	0.12	38.92	8.49	616.50
	341	7.78e-002	-0.29	0.18	-23.72	-17.95	614.65
342	339	6.15e-003	-0.20	0.27	20.62	66.79	508.16
	349	-1.59e-002	-0.42	0.26	-7.45	98.19	506.93
	350	-3.29e-003	-0.41	0.34	5.22	76.81	562.32
	340	1.46e-002	-0.20	0.36	3.77	45.21	563.55
343	338	6.04e-003	-0.15	0.32	21.08	73.17	409.39
	348	-7.84e-003	-0.29	0.30	-5.09	110.59	408.56
	349	-6.48e-003	-0.29	0.26	-1.08	102.63	474.43
	339	5.00e-003	-0.15	0.29	12.99	65.88	475.26
344	337	7.53e-003	-0.16	0.29	20.95	76.23	302.81
	347	-3.79e-003	-0.32	0.26	-4.13	116.11	302.64
	348	-8.99e-003	-0.32	0.30	-2.36	112.36	372.94
	338	5.40e-003	-0.16	0.32	18.18	73.25	373.12
345	336	1.53e-002	-0.23	0.36	17.39	77.20	193.48
	346	-5.79e-003	-0.46	0.34	-4.83	117.71	194.22
	347	-1.64e-002	-0.47	0.26	-4.01	116.18	265.73
	337	7.77e-003	-0.23	0.27	19.55	76.21	264.99
346	335	8.35e-002	-0.32	0.18	7.03	73.42	87.30
	345	-7.14e-002	-0.62	0.14	-8.65	110.99	90.21
	346	-1.14e-002	-0.63	0.35	-9.13	115.72	157.99
	336	8.94e-003	-0.32	0.41	17.23	76.35	155.00
347	334	-0.72	-0.59	0.44	-50.98	49.18	11.12
	344	-0.72	-0.83	0.84	-19.63	72.23	11.16
	345	-5.70e-002	-0.86	0.24	-23.92	107.99	59.30
	335	5.96e-002	-0.62	0.24	9.80	71.83	50.02
348	313	0.17	-1.35	1.62	-145.36	-106.83	-28.17
	323	0.13	-1.00	0.95	-10.08	-101.72	-22.04
	344	-0.71	-0.97	0.45	-51.99	68.30	-10.96
	334	-0.68	-1.31	0.29	-23.92	68.20	-23.95
349	302	-0.85	-5.51e-002	-4.35	156.18	-102.12	284.42
	342	-0.93	-1.35	0.33	156.70	-305.60	408.18
	343	1.14	1.34	3.21	198.98	-121.02	172.95
	187	1.09	7.10e-002	-0.90	790.27	78.21	121.98
350	213	-4.18e-002	-2.72e-003	0.19	36.97	-4.81	580.72
	341	-6.34e-002	0.66	0.31	24.61	-24.00	598.52
	342	-0.89	0.71	1.02	217.15	-109.79	497.04
	302	-0.85	-5.51e-002	1.35	-95.77	-25.46	479.69
351	301	-2.03e-002	-1.32e-003	0.50	15.73	7.62	582.91
	340	-5.03e-003	-0.29	0.47	-10.12	32.42	585.49

	341	-4.70e-002	-0.30	0.19	55.40	-13.79	596.59
	213	-4.18e-002	-2.72e-003	0.20	-39.56	-4.10	594.03
352	212	4.70e-003	3.06e-004	0.32	10.96	10.46	508.16
	339	-9.07e-003	-0.20	0.30	-10.90	45.45	507.97
	340	-1.02e-002	-0.20	0.41	7.07	31.17	559.82
	301	-2.03e-002	-1.32e-003	0.43	-8.01	6.22	560.02
353	298	4.77e-003	3.10e-004	0.38	10.13	11.33	409.62
	338	-5.48e-003	-0.15	0.36	-9.88	50.01	409.36
	339	-5.17e-003	-0.15	0.31	-4.69	45.48	474.70
	212	4.70e-003	3.06e-004	0.34	3.57	9.84	474.96
354	211	5.89e-003	3.82e-004	0.34	9.85	11.71	302.62
	337	-4.82e-003	-0.16	0.31	-9.64	52.27	302.60
	338	-6.09e-003	-0.16	0.36	-7.24	50.41	372.96
	298	4.77e-003	3.10e-004	0.38	7.27	11.15	372.98
355	297	1.81e-002	1.17e-003	0.43	8.75	11.74	192.11
	336	-1.08e-002	-0.23	0.42	-10.71	53.29	192.47
	337	-9.39e-003	-0.23	0.30	-8.90	52.27	264.82
	211	5.89e-003	3.82e-004	0.31	8.48	11.72	264.46
356	210	3.64e-002	2.36e-003	0.19	3.84	10.80	82.60
	335	-4.99e-002	-0.32	0.17	-14.02	51.82	83.90
	336	-9.56e-003	-0.32	0.47	-12.96	51.97	154.79
	297	1.81e-002	1.17e-003	0.50	8.80	12.03	153.42
357	294	0.89	5.78e-002	1.39	-19.04	6.11	-23.58
	334	-0.93	-0.68	0.98	-16.80	38.55	-19.57
	335	-7.37e-002	-0.63	0.30	-25.25	47.47	49.73
	210	3.64e-002	2.36e-003	0.21	8.89	12.01	46.50
358	181	0.28	1.80e-002	1.10	-217.48	-40.01	-54.86
	313	0.29	-1.35	3.22	-48.34	-93.41	-23.94
	334	-0.98	-1.41	0.35	-70.56	59.16	-26.59
	294	0.89	5.78e-002	4.63	-9.16	21.94	-70.43
359	322	0.23	-0.85	-0.27	-25.83	95.18	-72.41
	332	0.25	-1.14	-0.20	-5.00	112.59	-71.81
	333	-2.48e-002	-1.15	-0.32	38.48	170.20	-31.00
	323	4.40e-002	-0.86	-0.36	-75.08	-123.85	-31.90
360	321	-7.66e-002	-0.71	-0.34	8.78	136.58	-135.02
	331	-8.62e-002	-0.96	-6.45e-002	-3.71	181.03	-137.46
	332	0.23	-0.94	-0.11	-4.44	123.31	-94.60
	322	0.24	-0.69	-0.33	-31.54	99.51	-93.11
361	320	-2.14e-002	-0.38	-0.30	14.21	150.70	-213.49
	330	-1.68e-002	-0.60	-0.11	-2.29	199.14	-215.37
	331	-7.20e-002	-0.60	-7.93e-002	-1.36	169.26	-161.40
	321	6.04e-002	-0.38	-0.28	10.03	138.50	-159.86
362	319	-9.48e-003	-0.18	-0.29	18.28	154.98	-307.32
	329	-1.26e-002	-0.25	-0.12	-1.76	202.10	-307.99
	330	2.50e-002	-0.25	-0.14	-1.08	192.70	-245.21
	320	2.97e-002	-0.17	-0.31	14.20	152.24	-244.62
363	318	-1.38e-002	0.21	-0.31	18.16	152.70	-406.59
	328	-8.77e-003	0.31	-0.12	-1.48	197.03	-406.53
	329	1.45e-002	0.31	-0.10	-1.38	200.47	-340.66
	319	9.61e-003	0.21	-0.30	18.44	155.25	-340.73
364	317	-1.98e-002	0.45	-0.30	15.22	139.96	-504.33
	327	-5.46e-003	0.68	-0.10	-1.06	179.00	-503.89
	328	1.86e-002	0.69	-0.12	-1.29	198.63	-439.70
	318	4.31e-003	0.46	-0.31	18.81	151.25	-440.15
365	316	-3.85e-002	0.73	-0.31	11.95	101.74	-592.76
	326	-2.17e-002	1.09	-0.14	1.06	129.61	-592.95
	327	2.18e-002	1.09	-0.12	0.25	183.57	-536.00

	317	-3.04e-003	0.73	-0.29	17.56	134.55	-535.81
366	315	-7.95e-002	0.99	-0.25	13.55	-21.59	-655.16
	325	-8.44e-002	1.48	-6.58e-002	16.47	-31.84	-660.20
	326	2.12e-002	1.47	-0.11	7.51	140.08	-623.78
	316	-2.48e-002	0.99	-0.30	19.83	82.59	-618.74
367	314	-0.27	1.31	-0.31	-9.17	-268.72	-623.14
	324	-0.24	1.79	-0.17	81.90	-457.73	-636.80
	325	-9.29e-002	1.80	-4.25e-002	37.64	55.30	-689.17
	315	-8.55e-002	1.33	-0.30	37.59	-80.44	-675.53
368	277	1.06	1.42	-0.36	737.78	-788.58	-189.23
	283	1.13	2.31	-0.67	-554.86	-1858.83	-217.90
	324	-0.25	2.24	-0.86	144.19	59.33	-570.66
	314	-0.26	1.35	-0.34	84.32	-471.44	-541.50
369	312	0.72	-1.33	-0.42	-36.05	72.92	-71.88
	322	0.77	-0.83	-0.50	-56.03	77.68	-72.41
	323	8.83e-002	-0.85	-0.96	23.82	-111.82	-36.37
	313	0.12	-1.37	-1.59	-148.93	-109.00	-35.01
370	311	1.62e-002	-0.63	-0.29	-7.93	77.20	-128.39
	321	-2.48e-002	-0.70	-0.30	-25.43	116.47	-134.02
	322	0.78	-0.67	-0.80	-27.30	83.37	-93.12
	312	0.77	-0.58	-0.57	-55.09	57.23	-90.91
371	310	-9.87e-003	-0.20	-0.51	11.29	83.21	-209.82
	320	-8.66e-003	-0.38	-0.42	-8.21	126.72	-213.06
	321	3.55e-002	-0.38	-0.27	-8.85	118.23	-157.24
	311	4.48e-002	-0.20	-0.32	-11.61	77.55	-154.74
372	309	-8.90e-003	-8.86e-002	-0.39	15.25	84.73	-306.22
	319	-1.40e-002	-0.18	-0.36	2.02	130.23	-307.35
	320	1.07e-002	-0.18	-0.43	-1.80	128.75	-243.07
	310	1.59e-002	-8.72e-002	-0.46	11.43	83.41	-242.07
373	308	-9.36e-003	0.10	-0.43	14.72	82.78	-407.04
	318	-4.23e-003	0.21	-0.39	1.51	128.42	-407.01
	319	8.64e-003	0.21	-0.36	0.56	130.61	-340.31
	309	2.55e-003	0.10	-0.40	15.68	84.71	-340.36
374	307	-1.35e-002	0.23	-0.40	10.78	74.23	-505.35
	317	4.40e-003	0.46	-0.36	2.62	117.63	-504.80
	318	1.41e-002	0.46	-0.40	-0.89	126.67	-440.41
	308	-1.77e-003	0.23	-0.43	16.74	82.70	-440.97
375	306	-2.60e-002	0.36	-0.46	5.78	47.27	-590.22
	316	7.14e-003	0.73	-0.43	10.57	84.60	-591.23
	317	2.16e-002	0.73	-0.36	-2.88	111.12	-536.63
	307	-7.82e-003	0.36	-0.39	18.23	74.12	-535.63
376	305	-5.20e-002	0.51	-0.33	12.99	-33.50	-635.44
	315	3.10e-002	0.99	-0.27	54.80	-18.17	-648.12
	316	1.74e-002	0.99	-0.41	1.91	60.99	-619.69
	306	-1.68e-002	0.51	-0.51	31.83	46.51	-607.04
377	304	0.84	0.87	-0.62	78.37	-188.84	-564.60
	314	0.85	1.31	-0.78	250.63	-195.49	-624.98
	315	2.41e-002	1.33	-0.24	34.55	-107.05	-673.58
	305	-2.37e-002	0.89	-0.40	101.83	-55.68	-613.27
378	271	0.92	1.54	-1.62	883.08	-46.39	-139.61
	277	0.97	1.42	-1.01	-114.05	-587.98	-232.33
	314	0.84	1.36	-0.47	134.44	-413.56	-539.54
	304	0.79	1.48	-0.42	297.84	-478.83	-445.96
379	292	-0.63	-4.09e-002	-4.65	-13.02	26.73	92.81
	312	-0.72	-1.42	-0.59	-75.95	60.56	-71.81
	313	0.25	-1.37	-3.19	-44.89	-96.73	-37.53
	181	0.28	1.80e-002	-1.03	-228.73	-44.71	53.71

380	209	1.15e-002	7.50e-004	-0.34	2.33	12.94	-125.18
	311	-2.96e-002	-0.63	-0.37	-25.51	53.03	-127.95
	312	-0.67	-0.67	-1.22	-27.58	43.36	-90.20
	292	-0.63	-4.09e-002	-1.50	-22.53	6.72	-90.56
381	291	1.63e-002	1.06e-003	-0.63	3.73	12.67	-208.14
	310	-7.87e-003	-0.20	-0.59	-10.84	57.79	-209.69
	311	-5.83e-003	-0.20	-0.33	-13.80	55.76	-152.02
	209	1.15e-002	7.50e-004	-0.36	3.58	10.87	-150.89
382	208	-2.13e-003	-1.38e-004	-0.45	3.91	12.57	-305.59
	309	-6.59e-003	-8.86e-002	-0.43	-5.82	59.15	-306.13
	310	1.08e-002	-8.75e-002	-0.54	-7.38	58.72	-241.00
	291	1.63e-002	1.06e-003	-0.55	3.45	12.13	-240.52
383	288	-5.20e-003	-3.38e-004	-0.51	2.87	12.13	-406.82
	308	2.14e-003	0.10	-0.48	-3.72	57.91	-406.87
	309	4.73e-003	0.10	-0.44	-5.39	59.22	-340.14
	208	-2.13e-003	-1.38e-004	-0.46	4.40	12.47	-340.09
384	207	-9.29e-003	-6.04e-004	-0.46	-1.33	10.67	-504.17
	307	5.79e-003	0.23	-0.44	0.75	51.94	-504.14
	308	9.70e-003	0.23	-0.48	-5.69	57.55	-441.13
	288	-5.20e-003	-3.38e-004	-0.51	5.21	12.26	-441.16
385	287	-2.29e-002	-1.49e-003	-0.55	-11.59	6.43	-581.77
	306	1.08e-002	0.37	-0.53	15.37	32.25	-583.01
	307	1.50e-002	0.37	-0.43	-6.42	51.18	-536.10
	207	-9.29e-003	-6.04e-004	-0.45	7.46	10.94	-534.86
386	206	-5.31e-002	-3.45e-003	-0.40	-32.17	-4.90	-594.78
	305	-2.29e-002	0.51	-0.38	74.79	-28.32	-603.85
	306	1.67e-002	0.52	-0.59	1.20	31.19	-607.52
	287	-2.29e-002	-1.49e-003	-0.63	15.97	5.73	-598.47
387	284	-0.65	-4.20e-002	-1.52	-35.70	-19.77	-435.33
	304	-0.69	0.93	-1.26	271.32	-139.19	-478.73
	305	-3.62e-002	0.90	-0.51	46.31	-47.26	-607.55
	206	-5.31e-002	-3.45e-003	-0.37	47.05	-14.73	-564.13
388	176	1.24	8.08e-002	9.96e-001	1119.35	141.12	42.56
	271	1.27	1.55	-3.35	157.46	65.19	-203.57
	304	-0.74	1.57	-0.59	252.93	-383.36	-393.84
	284	-0.65	-4.20e-002	4.80	184.73	-152.23	-165.85
429	276	-0.25	1.75	-0.58	163.68	-146.11	161.10
	282	-0.26	2.19	-0.29	76.47	98.19	208.06
	283	1.14	2.27	0.27	-133.48	-596.90	121.81
	277	1.11	1.83	-0.36	471.44	-187.54	75.51
430	275	-0.10	2.23	-0.67	103.97	-46.46	139.30
	281	8.79e-002	3.07	-0.16	21.45	29.15	153.43
	282	0.26	3.07	-0.27	55.94	-106.35	195.65
	276	-0.25	2.23	-0.75	106.06	-82.94	181.45
431	274	3.73e-002	2.65	-0.62	145.53	-5.34	45.40
	280	9.12e-002	3.92	-0.10	15.43	73.23	33.99
	281	0.10	3.92	-0.15	19.17	-10.32	114.11
	275	-6.65e-002	2.65	-0.68	98.66	-21.21	125.60
432	273	-0.15	3.03	-1.13	268.88	25.42	-85.25
	279	0.16	5.01	-0.62	93.84	83.17	-132.32
	280	0.17	5.02	-0.17	42.45	42.66	-27.02
	274	6.18e-002	3.04	-0.69	159.11	-27.76	22.40
433	272	1.12	1.85	-1.52	933.65	304.62	-26.87
	278	1.57	8.72	-2.88	140.23	-279.69	-184.69
	279	0.34	8.64	-2.62	173.15	327.92	-239.65
	273	-0.18	1.77	-1.26	369.38	-111.75	-78.37
434	270	0.70	1.52	-0.91	298.66	-264.03	68.87

	276	0.76	1.74	-0.84	217.39	-137.77	152.15
	277	1.01	1.82	-9.99e-001	123.22	-102.25	58.56
	271	0.97	1.61	-1.63	713.47	205.47	-42.51
435	269	-6.43e-002	1.29	-0.65	140.42	-53.52	98.63
	275	8.38e-003	2.23	-0.75	112.07	-71.49	151.09
	276	0.76	2.23	-1.16	228.57	-61.60	157.32
	270	0.75	1.27	-0.98	199.32	-87.44	104.91
436	268	1.39e-002	1.35	-0.82	158.92	-37.47	107.65
	274	0.10	2.65	-0.82	137.68	-20.24	86.84
	275	4.37e-002	2.65	-0.77	114.77	-31.28	110.01
	269	-6.13e-002	1.34	-0.74	112.93	-44.00	130.85
437	267	1.26	1.09	-1.03	405.27	-38.15	99.34
	273	1.38	3.12	-1.16	397.41	30.78	-21.74
	274	0.12	3.05	-0.89	195.52	-66.14	26.96
	268	-1.90e-002	1.03	-0.75	208.14	-59.53	145.05
438	266	0.39	-0.89	0.54	1145.73	562.30	103.90
	272	0.52	1.81	-0.76	402.07	356.09	-48.45
	273	1.30	1.85	-1.23	448.14	-112.66	-40.53
	267	1.17	-0.86	-0.71	520.11	-275.41	110.32
439	205	-0.58	-3.74e-002	-4.95	145.48	-122.41	-216.81
	270	-0.65	1.59	-1.13	316.98	-248.46	35.18
	271	1.31	1.62	-3.33	313.14	246.02	-27.33
	176	1.24	8.08e-002	-1.33	983.89	173.07	-231.66
440	204	-5.96e-002	-3.87e-003	-0.82	30.35	-15.63	75.21
	269	2.79e-002	1.30	-0.69	115.89	-45.45	111.69
	270	-0.60	1.31	-1.59	238.89	-75.04	33.50
	205	-0.58	-3.74e-002	-1.86	32.68	-2.04	-33.08
441	203	-6.42e-003	-4.17e-004	-1.08	11.40	-3.34	169.36
	268	8.80e-002	1.35	-1.04	145.61	-39.23	159.16
	269	3.30e-002	1.35	-0.76	116.18	-37.75	101.17
	204	-5.96e-002	-3.87e-003	-0.80	7.59	-8.14	111.41
442	202	0.24	1.59e-002	1.04	90.33	14.25	297.91
	267	0.30	1.04	-0.90	360.30	-54.86	228.27
	268	6.85e-002	1.03	-0.98	174.70	-46.46	142.28
	203	-6.42e-003	-4.17e-004	-0.85	45.12	-22.48	211.85
443	175	0.59	3.86e-002	1.54	1338.57	276.78	412.62
	266	0.57	-0.89	-1.28	609.03	539.27	70.26
	267	0.29	-0.91	0.69	540.87	-286.26	179.35
	202	0.24	1.59e-002	3.28	195.25	-150.97	522.69
600	158	-0.83	-0.44	1.52	269.57	-1504.21	1168.68
	104	-1.10	-4.52	-9.72	-507.85	-556.26	1277.08
	41	-0.29	-4.47	0.18	-1239.28	-5046.80	-410.60
	116	-2.49e-002	-0.38	11.42	1005.23	-619.28	-502.13
601	157	-0.11	0.41	2.04	57.38	486.29	1508.86
	103	-0.29	-2.40	1.05	-48.50	798.64	1617.57
	104	-0.96	-2.44	-2.77	-60.19	-1355.10	1486.72
	158	-0.78	0.36	-1.78	61.82	-692.29	1379.49
602	156	-0.14	-1.42	0.83	-114.81	1778.12	1107.65
	102	-0.22	-2.56	0.24	178.56	2876.84	1244.10
	103	-0.30	-2.56	1.16	166.24	586.92	1599.18
	157	-0.23	-1.43	1.75	59.19	840.28	1458.76
603	155	-3.06	-0.14	1.77	-552.44	1122.16	-1948.23
	1	-3.34	-4.47	2.97	584.70	7905.03	-1661.98
	102	-0.33	-4.28	1.59	792.79	1922.44	1061.29
	156	-4.64e-002	6.04e-002	0.39	-511.65	2760.14	807.84
604	154	-2.20	-0.19	-0.47	267.53	-299.81	1231.06
	158	-2.22	-0.53	4.57	208.35	-1023.98	995.14

	116	-2.49e-002	-0.38	5.53	-96.89	-222.17	692.63
	115	-3.06e-003	-4.70e-002	0.50	129.10	-212.29	918.09
605	153	-0.53	-6.78e-002	0.86	93.78	430.95	1279.75
	157	-0.50	0.38	1.56	-95.17	390.83	1544.74
	158	-2.17	0.27	1.27	366.89	-441.18	1421.76
	154	-2.20	-0.18	0.58	145.58	-248.97	1160.93
606	152	-0.78	-1.41e-002	1.04	-202.37	907.46	915.13
	156	-0.88	-1.47	1.14	-409.68	1403.18	1156.59
	157	-0.62	-1.45	1.27	98.05	871.76	1498.60
	153	-0.53	3.75e-003	1.18	-182.63	683.40	1251.46
607	151	2.02e-002	-8.97e-002	0.12	159.62	418.21	500.69
	155	2.54e-002	6.45e-002	-1.87e-002	481.50	493.47	-431.29
	156	-0.78	1.28e-002	0.70	-204.96	1963.81	548.12
	152	-0.79	-0.14	0.84	-282.59	881.00	992.45
608	150	1.00	0.39	4.57	86.13	-281.22	1171.02
	154	0.98	1.77e-002	-0.28	148.86	-249.74	1072.12
	115	-3.06e-003	-4.70e-002	0.49	24.80	-129.16	1059.34
	114	2.10e-002	0.32	5.33	17.09	-93.90	1160.56
609	149	-0.61	-1.18	1.74	-28.44	382.06	1053.96
	153	-0.54	-6.85e-002	0.82	-61.65	450.83	1177.83
	154	0.98	3.14e-002	0.76	144.37	-243.52	1200.39
	150	0.91	-1.08	1.68	117.44	-197.38	1073.94
610	148	2.17e-002	8.07e-002	0.69	-199.83	887.00	906.10
	152	1.91e-002	3.82e-002	0.90	-169.92	859.42	1017.80
	153	-0.54	2.99e-003	1.13	-119.65	627.52	1129.34
	149	-0.54	4.89e-002	0.93	-52.84	675.15	1026.36
611	147	0.97	0.12	-0.15	281.19	348.75	1043.66
	151	0.96	-2.76e-002	0.34	167.26	274.86	749.22
	152	1.19e-002	-8.95e-002	0.69	-183.71	840.83	801.64
	148	2.03e-002	5.73e-002	0.20	-122.41	1038.42	1038.55
612	107	-9.26e-002	0.40	-7.58	-284.73	-183.64	1072.74
	150	-0.10	0.32	2.23	85.91	-408.05	1126.05
	114	2.10e-002	0.32	11.08	279.00	-158.47	1369.53
	46	2.63e-002	0.40	1.28	-359.95	-1479.76	1298.39
613	106	-0.22	-7.74e-002	1.25	118.01	585.20	1052.01
	149	-0.29	-1.16	2.13	-40.31	465.26	1044.26
	150	-0.19	-1.15	-0.66	72.74	-214.34	1089.05
	107	-0.12	-7.35e-002	-1.54	-177.45	-310.81	1097.24
614	105	-0.19	-0.32	0.49	470.15	1348.11	909.58
	148	-0.17	6.93e-002	0.73	-84.13	1027.93	916.06
	149	-0.21	6.67e-002	1.32	79.78	620.98	1017.95
	106	-0.23	-0.32	1.09	207.55	437.65	1009.66
615	3	2.03	-0.62	0.96	-239.21	3593.99	1356.78
	147	2.09	0.19	-0.76	-76.98	508.27	1707.58
	148	-0.17	4.52e-002	0.23	-267.83	1432.85	938.66
	105	-0.22	-0.77	1.96	681.03	818.72	776.04
616	146	0.36	0.52	2.72	-29.07	-520.88	1125.01
	107	0.36	0.42	-7.54	-234.27	-190.58	1179.45
	46	2.63e-002	0.40	1.28	-506.86	-1521.98	966.73
	119	3.25e-002	0.50	11.54	388.42	-220.79	933.07
617	145	5.68e-002	0.84	2.41	93.68	489.63	1192.49
	106	-6.21e-003	-6.92e-002	1.40	151.11	582.27	1094.92
	107	0.33	-6.10e-002	-1.50	-129.33	-330.36	1123.05
	146	0.38	0.86	-0.48	-71.52	-246.94	1219.51
618	144	0.18	-0.40	1.30	342.97	1103.75	995.98
	105	0.19	-0.29	0.74	449.34	1354.06	908.98
	106	-1.89e-002	-0.31	1.23	241.47	467.48	1058.41

	145	-2.57e-002	-0.41	1.79	175.84	637.72	1146.45
619	143	-3.31	-0.24	0.31	-98.23	671.19	-1228.53
	3	-3.36	-0.97	1.70	428.15	3728.12	-958.75
	105	0.16	-0.74	2.21	632.33	745.84	930.97
	144	0.20	-1.71e-002	0.81	208.09	1786.16	835.92
620	142	-1.92	-0.11	-0.31	149.15	-139.59	1162.23
	146	-1.88	0.38	4.92	-59.43	-403.42	1152.94
	119	3.25e-002	0.50	6.28	-81.64	-104.72	1010.41
	118	1.16e-003	1.79e-002	1.06	78.44	-147.07	1015.81
621	141	-0.11	4.66e-002	0.97	59.13	-510.06	1260.30
	145	-5.85e-002	0.83	2.04	46.78	-451.87	1240.60
	146	-1.86	0.72	1.71	142.95	-211.44	1224.84
	142	-1.91	-8.27e-002	0.65	-119.15	-149.91	1245.41
622	140	-0.39	3.01e-002	1.66	92.52	993.17	1017.43
	144	-0.42	-0.44	1.49	-158.98	965.50	1003.78
	145	-0.14	-0.42	1.41	129.95	721.90	1197.45
	141	-0.11	4.52e-002	1.58	-38.16	723.25	1209.66
623	139	-1.04	-3.94e-002	0.48	357.92	535.99	540.82
	143	-1.04	-9.41e-002	5.02e-002	215.65	407.86	688.71
	144	-0.40	-5.34e-002	1.00	182.91	1503.85	873.44
	140	-0.40	-1.00e-002	1.43	-185.62	1042.09	827.65
624	138	1.61	-0.30	4.61	45.58	427.41	1134.06
	142	1.63	0.12	-0.28	-183.48	-120.89	1176.33
	118	1.16e-003	1.79e-002	1.11	-102.48	-157.69	999.20
	117	-2.62e-002	-0.40	5.99	88.19	131.25	962.97
625	137	-0.19	-0.67	1.96	-75.62	-480.29	1295.18
	141	-0.14	4.49e-002	0.93	-84.31	-520.44	1275.91
	142	1.63	0.15	0.68	104.14	-124.97	1240.59
	138	1.59	-0.56	1.71	-198.33	109.44	1257.98
626	136	0.25	0.56	1.57	-149.07	-1172.24	1071.69
	140	0.22	6.50e-002	1.70	-75.87	1032.68	1013.63
	141	-0.14	4.33e-002	1.54	39.77	-744.68	1219.86
	137	-0.11	0.54	1.41	-187.13	-810.05	1279.18
627	135	0.94	0.13	6.65e-002	-310.10	-491.71	490.76
	139	0.94	8.97e-002	0.48	-432.21	-595.56	455.71
	140	0.22	4.38e-002	1.47	227.77	1095.14	893.87
	136	0.22	8.49e-002	1.06	-246.07	-1943.18	743.24
628	110	-0.23	-0.59	-6.64	288.98	-113.72	1165.92
	138	-0.22	-0.42	2.43	18.58	584.62	1101.13
	117	-2.62e-002	-0.40	10.79	-486.21	277.03	817.37
	47	-3.76e-002	-0.58	1.72	625.91	1848.73	852.39
629	109	-0.33	0.10	1.32	-252.48	-699.31	1090.53
	137	-0.38	-0.68	2.36	-154.95	-572.47	1234.62
	138	-0.24	-0.67	-0.48	31.74	142.54	1234.82
	110	-0.19	0.11	-1.51	132.14	284.57	1092.77
630	108	-0.45	0.38	0.79	-629.45	-1793.88	940.14
	136	-0.44	0.51	1.42	-498.99	-1415.78	1057.69
	137	-0.30	0.52	1.81	-264.38	-717.26	1203.68
	109	-0.31	0.39	1.18	-389.60	-526.27	1085.96
631	4	3.47	1.08	1.82	-293.55	-4980.29	876.32
	135	3.42	0.29	0.34	-65.11	-915.53	1261.98
	136	-0.47	4.06e-002	0.91	-208.49	-2364.80	777.48
	108	-0.42	0.83	2.39	-934.63	-1120.76	1102.47
632	134	-0.55	-1.19	1.46	-254.41	202.37	1051.08
	110	-0.51	-0.61	-6.74	408.21	85.25	976.49
	47	-3.76e-002	-0.58	2.07	351.89	1751.72	1310.23
	122	-7.55e-002	-1.16	10.27	-259.17	164.17	1402.44

633	133	-5.71e-002	1.32	2.25	17.72	-571.85	939.05
	109	-0.14	0.11	1.21	-171.03	-734.55	973.51
	110	-0.47	0.10	-1.62	260.69	305.22	1032.73
	134	-0.39	1.30	-0.59	-217.25	82.35	997.71
634	132	-0.28	-6.62e-002	0.91	473.53	-1096.06	974.23
	108	-0.25	0.40	0.55	-897.21	-1824.87	967.71
	109	-0.12	0.40	1.08	-335.35	-470.86	946.38
	133	-0.15	-5.81e-002	1.44	24.99	-810.14	954.36
635	131	-2.68	-0.31	-0.85	-207.84	-643.62	2282.19
	4	-2.62	0.69	0.95	443.28	-4557.24	1811.37
	108	-0.23	0.84	2.15	-1077.73	-1387.43	698.51
	132	-0.29	-0.16	0.35	673.49	-1409.23	1067.06
636	130	-0.65	-4.24e-002	0.19	-62.61	93.85	1055.43
	134	-0.73	-1.20	3.86	-64.24	75.68	1105.19
	122	-7.55e-002	-1.16	4.34	-5.12	23.00	1138.77
	121	4.41e-004	6.79e-003	0.66	-27.88	-28.06	1087.98
637	129	0.34	-8.18e-002	1.02	96.28	-615.75	1112.12
	133	0.43	1.36	1.95	73.48	-465.83	946.32
	134	-0.56	1.29	1.81	-82.96	-190.79	992.01
	130	-0.66	-0.15	0.88	-51.82	160.26	1159.00
638	128	-0.32	-0.14	0.92	211.61	-863.50	1070.73
	132	-0.31	-6.81e-002	0.83	138.73	-1002.80	977.10
	133	0.34	-3.46e-002	1.15	49.47	-779.45	965.53
	129	0.34	-0.10	1.23	177.25	-664.49	1053.21
639	127	-0.82	-2.56e-002	0.32	-166.72	62.92	872.99
	131	-0.83	-0.19	-0.17	-307.57	-337.85	1319.05
	132	-0.32	-0.16	0.27	96.36	-876.61	1244.95
	128	-0.31	1.02e-002	0.77	155.67	-854.11	819.08
640	126	1.59	1.30	3.96	-322.12	690.84	988.91
	130	1.51	0.10	0.12	-61.81	82.69	1205.29
	121	4.41e-004	6.79e-003	0.67	-83.85	70.86	958.32
	120	7.83e-002	1.20	4.52	29.72	111.52	749.95
641	125	0.54	-0.83	1.91	119.43	-543.30	1620.91
	129	0.59	-6.54e-002	1.09	-71.20	-548.09	1247.53
	130	1.50	-6.63e-003	0.80	-22.02	167.02	1106.91
	126	1.45	-0.77	1.62	-380.62	311.63	1474.91
642	124	0.94	1.17	1.04	490.77	-1828.76	1078.42
	128	0.86	-6.22e-002	0.86	157.94	-951.49	826.67
	129	0.59	-7.93e-002	1.31	261.67	-776.03	1258.46
	125	0.67	1.15	1.49	-51.87	-1130.17	1515.31
643	123	0.12	-0.32	-8.65e-002	-802.22	-499.78	-412.91
	127	0.14	3.77e-002	0.28	145.17	-177.96	547.43
	128	0.87	8.45e-002	0.71	115.53	-913.22	955.76
	124	0.84	-0.27	0.35	374.08	-1830.89	319.94
644	113	1.69	4.96	-8.41	1009.52	1195.97	1472.46
	126	1.45	1.29	0.79	-751.60	1329.60	1334.05
	120	7.83e-002	1.20	10.50	-965.03	710.27	-680.42
	48	0.32	4.87	1.30	1290.36	6423.88	-553.00
645	112	0.36	2.47	0.91	53.54	-1211.89	1900.09
	125	0.15	-0.85	2.29	64.65	-653.65	1684.68
	126	1.31	-0.78	-1.56	-444.36	613.52	1511.00
	113	1.53	2.54	-2.93	462.40	1746.19	1724.85
646	111	0.50	2.62	0.19	-863.07	-4337.88	1314.11
	124	0.41	1.13	0.89	880.25	-2248.71	1071.41
	125	0.28	1.13	1.87	187.81	-1290.01	1596.04
	112	0.37	2.61	1.16	-283.68	-873.32	1843.27
647	5	3.63	4.51	3.14	-456.01	-10749.63	-2389.11

123	3.33	-0.11	1.51	457.71	-1437.28	-2734.09
124	0.31	-0.30	0.20	1391.64	-3096.74	752.34
111	0.61	4.31	1.83	-1572.71	-3741.18	1077.25

SFORZI "Dinamica SLVh X" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	6837.22	500.87	-391.82	17120.04	71285.81	120177.68
	509	-6837.22	-500.87	391.82	-17120.04	95406.37	92821.30
2	255	-13791.86	567.59	-699.74	-32067.35	105709.61	72340.34
	196	13791.86	-567.59	699.74	32067.35	116980.11	108180.43
3	487	-2918.30	-1697.15	121.26	44893.28	-26828.04	-423997.25
	509	2918.30	1697.15	-121.26	-44893.28	-39957.79	-505201.57
4	509	393.51	-2298.55	2721.72	-57324.35	-212414.43	-90257.31
	495	-393.51	2298.55	-2721.72	57324.35	-114255.31	-185705.62
5	195	1794.06	-2255.70	-2915.59	15975.34	275452.32	31561.82
	509	-1794.06	2255.70	2915.59	-15975.34	162878.82	-366077.87
6	403	-84.02	2142.14	-247.17	14724.06	9945.72	40615.55
	413	84.02	-2142.14	247.17	-14724.06	-1531.60	34359.75
7	393	412.94	8916.20	-383.17	20531.26	27466.10	211586.16
	403	-412.94	-8916.20	383.17	-20531.26	-14109.91	100480.88
8	190	465.56	27031.39	-610.87	22357.31	55360.37	1466727.26
	393	-465.56	-27031.39	610.87	-22357.31	-34006.62	-520628.60
9	353	-1390.62	2615.57	-339.86	-50558.93	66652.62	4688.56
	363	1390.62	-2615.57	339.86	50558.93	-77779.84	88523.98
10	343	-787.93	8927.96	-289.80	-40711.00	-92432.20	192731.95
	353	787.93	-8927.96	289.80	40711.00	101578.65	119756.68
11	187	-1106.41	25434.19	-330.90	-38198.81	-135425.50	1368452.65
	343	1106.41	-25434.19	330.90	38198.81	124849.67	-478257.37
12	323	313.27	2154.33	-165.69	4703.22	8079.26	41476.84
	333	-313.27	-2154.33	165.69	-4703.22	-2394.53	33926.15
13	313	1411.77	8576.80	-300.88	6640.52	24411.46	198234.77
	323	-1411.77	-8576.80	300.88	-6640.52	-13916.24	101953.95
14	181	2473.07	25600.44	-521.08	7207.91	50711.47	1400321.14
	313	-2473.07	-25600.44	521.08	-7207.91	-32489.66	-504306.20
15	277	-1453.39	2392.60	482.16	-41671.61	-75659.78	6366.39
	283	1453.39	-2392.60	-482.16	41671.61	-60096.56	78571.71
16	271	1724.21	8809.88	608.83	-22408.82	-133872.42	210295.63
	277	-1724.21	-8809.88	-608.83	22408.82	112803.29	98058.34
17	176	2998.14	26737.17	1472.55	-19221.96	-223403.96	1436786.21
	271	-2998.14	-26737.17	-1472.55	19221.96	171908.15	-500991.21
18	272	-1154.63	643.57	-2056.74	13904.21	-148633.25	-78432.83
	278	1154.63	-643.57	2056.74	-13904.21	129919.66	67172.53
19	266	826.67	4657.05	-2234.01	16064.09	-230205.60	103854.88
	272	-826.67	-4657.05	2234.01	-16064.09	167120.45	65053.60
20	175	1041.52	10565.52	-3021.23	34513.45	-356850.75	553570.81
	266	-1041.52	-10565.52	3021.23	-34513.45	255389.06	-184439.96
21	508	4243.23	756.34	-92.39	-75407.51	-23482.70	116058.50
	278	-4243.23	-756.34	92.39	75407.51	46752.29	110958.86
22	506	12084.21	731.79	450.52	13151.47	-109611.95	175869.87
	500	-12084.21	-731.79	-450.52	-13151.47	-96504.72	132881.86

23	167	21443.80	4116.20	-203.37	-11189.75	40098.40	874101.09
	506	-21443.80	-4116.20	203.37	11189.75	23977.63	318418.76
24	507	2793.45	372.53	-1277.99	-137752.11	216620.71	62335.12
	508	-2793.45	-372.53	1277.99	137752.11	166796.34	50785.30
25	506	1840.18	514.50	830.75	146831.57	-171128.65	110548.52
	507	-1840.18	-514.50	-830.75	-146831.57	-186213.76	110723.46
26	505	-1506.35	-770.60	-1143.67	-172441.62	214972.61	-149485.25
	506	1506.35	770.60	1143.67	172441.62	231177.93	-151070.83
27	504	-1861.73	512.53	806.20	160108.89	-160332.67	120440.21
	505	1861.73	-512.53	-806.20	-160108.89	-186417.54	100230.53
28	504	7596.75	-37.72	-549.24	5361.87	59242.19	29783.02
	498	-7596.75	37.72	549.24	-5361.87	170432.92	-42350.57
29	161	18036.50	3355.90	-232.20	13725.77	13279.26	709466.34
	504	-18036.50	-3355.90	232.20	-13725.77	60365.58	262799.76
30	499	-680.08	585.91	1408.03	108926.34	-355673.65	-108551.41
	498	680.08	-585.91	-1408.03	-108926.34	-249928.82	143829.45
31	500	-1812.87	1244.89	-2224.69	-100524.39	470442.99	246018.97
	499	1812.87	-1244.89	2224.69	100524.39	397672.45	239530.20
32	501	-3448.18	-500.26	2150.74	246815.47	-418821.40	-103415.69
	500	3448.18	500.26	-2150.74	-246815.47	-506039.34	-111876.68
33	502	-5168.34	1865.20	-913.98	83392.95	23198.84	272083.79
	501	5168.34	-1865.20	913.98	-83392.95	260151.74	287510.70
34	503	-7334.60	1111.30	152.54	87753.68	-11878.00	183032.47
	502	7334.60	-1111.30	-152.54	-87753.68	-53337.63	150776.75
35	496	-9167.03	785.82	-614.45	-189170.45	187133.09	216924.84
	503	9167.03	-785.82	614.45	189170.45	126339.39	183968.15
36	160	-6603.17	4689.24	-860.97	-60411.03	-190811.60	624352.56
	504	6603.17	-4689.24	860.97	60411.03	105224.31	-132013.89
37	163	-611.47	-2392.04	-1816.36	29014.71	36362.20	82156.75
	505	611.47	2392.04	1816.36	-29014.71	222662.87	-332549.82
38	166	-5681.56	1067.02	-1864.17	-32937.65	26183.10	278342.64
	506	5681.56	-1067.02	1864.17	32937.65	207782.01	-175460.01
39	169	-162.50	-1761.05	-1439.66	30718.15	86691.45	100165.14
	507	162.50	1761.05	1439.66	-30718.15	172154.20	-284509.96
40	172	417.75	-3786.63	-1124.92	144664.80	171206.93	-460273.46
	508	-417.75	3786.63	1124.92	-144664.80	163509.99	64178.96
41	159	-3417.98	3192.15	1128.84	-93808.02	-139100.78	711283.36
	498	3417.98	-3192.15	-1128.84	93808.02	-189454.79	151014.79
42	162	-747.63	-314.27	2307.14	42373.64	-286213.48	143884.71
	499	747.63	314.27	-2307.14	-42373.64	-339821.65	-209408.70
43	165	-4628.09	2843.80	2224.25	51580.70	-275945.96	564278.27
	500	4628.09	-2843.80	-2224.25	-51580.70	-328451.02	208082.53
44	168	-1490.03	2437.75	2578.17	-159024.99	-325169.52	509428.74
	501	1490.03	-2437.75	-2578.17	159024.99	-373875.06	-164059.21
45	171	818.78	5292.91	2932.14	61549.24	-374399.61	1259720.83
	502	-818.78	-5292.91	-2932.14	-61549.24	-419426.94	-169940.64
46	174	-371.22	3966.99	2542.02	-116015.83	-323493.04	969452.62
	503	371.22	-3966.99	-2542.02	116015.83	-366335.11	-103034.67
47	177	-5201.30	-2821.99	1664.12	-30786.36	-222900.73	-301171.80
	496	5201.30	2821.99	-1664.12	30786.36	-252066.60	-462726.95
48	178	-764.13	-5420.57	514.03	-48371.98	-149029.40	-694799.72

	497	764.13	5420.57	-514.03	48371.98	73389.98	-768814.00
49	278	13665.61	-135.70	339.80	22872.50	-108346.77	-32765.33
	496	-13665.61	135.70	-339.80	-22872.50	-115568.34	-56634.48
50	497	-5346.87	2959.80	368.33	13496.05	-92691.91	455630.31
	496	5346.87	-2959.80	-368.33	-13496.05	-70943.20	670165.95
51	478	-7127.64	2310.56	-1062.73	62887.25	158499.73	307240.60
	497	7127.64	-2310.56	1062.73	-62887.25	132348.64	317141.27
52	173	11818.74	688.67	-112.55	-27178.16	26466.08	171418.66
	278	-11818.74	-688.67	112.55	27178.16	20889.57	121947.41
53	283	5311.88	59.66	613.19	5959.31	-185416.30	16374.42
	478	-5311.88	-59.66	-613.19	-5959.31	-146541.46	18619.60
54	173	10417.13	-549.49	-488.89	-45231.11	85905.36	-123760.02
	283	-10417.13	549.49	488.89	45231.11	69654.98	-50907.43
55	483	-2015.33	-1360.01	-206.13	-2956.67	82845.74	-538711.54
	484	2015.33	1360.01	206.13	2956.67	81956.66	-546330.37
56	482	-3901.75	-1724.42	-432.50	134088.11	-107978.74	-399965.72
	483	3901.75	1724.42	432.50	-134088.11	131095.48	-549057.06
57	481	-4395.87	-1446.59	100.47	19336.12	-77915.44	-430423.22
	482	4395.87	1446.59	-100.47	-19336.12	-45785.83	-452113.74
58	480	-5204.80	-1527.10	-701.53	-127855.65	235075.08	-438970.06
	481	5204.80	1527.10	701.53	127855.65	152197.22	-401000.44
59	479	-6385.43	-1130.54	-565.63	94168.49	-196054.73	-338984.01
	480	6385.43	1130.54	565.63	-94168.49	167873.42	-384595.17
60	478	-7612.99	-1719.07	-810.73	-112202.52	242437.48	-499644.94
	479	7612.99	1719.07	810.73	112202.52	214656.46	-463094.69
61	363	-4575.44	-105.60	705.20	9628.34	-199852.90	-17093.50
	480	4575.44	105.60	-705.20	-9628.34	-179895.91	-39768.52
62	186	9096.54	-705.49	-665.36	-52677.52	110135.15	-158196.10
	363	-9096.54	705.49	665.36	52677.52	101747.35	-66044.78
63	473	-1396.61	-440.54	597.37	-2998.43	-164078.94	-154870.26
	484	1396.61	440.54	-597.37	2998.43	-132116.89	-63837.62
64	255	-10047.05	31.05	655.51	-4086.34	-190606.31	12785.01
	483	10047.05	-31.05	-655.51	4086.34	-149441.57	17890.21
65	492	-1045.94	263.23	-2130.70	-2250.46	332872.28	25814.29
	489	1045.94	-263.23	2130.70	2250.46	306367.43	54712.50
66	494	-1379.38	-1314.80	632.13	14218.22	-173763.16	-393352.17
	492	1379.38	1314.80	-632.13	-14218.22	-170772.49	-323214.14
67	492	-2338.64	475.01	548.18	-3907.92	-138083.14	71390.11
	495	2338.64	-475.01	-548.18	3907.92	-81413.69	117583.40
68	491	-1288.48	615.76	146.96	-14629.65	-78125.78	263159.54
	492	1288.48	-615.76	-146.96	14629.65	-42459.63	230992.38
69	490	202.01	834.16	-955.12	2462.96	156399.76	129445.92
	491	-202.01	-834.16	955.12	-2462.96	127800.98	118762.49
70	489	-612.84	-584.75	148.86	-10549.66	-53631.28	-216845.21
	490	612.84	584.75	-148.86	10549.66	-66234.81	-250953.99
71	488	-1053.55	-1240.37	834.24	8444.50	-231482.25	-368931.85
	489	1053.55	1240.37	-834.24	-8444.50	-223278.50	-307072.86
72	494	226.42	849.98	-1937.35	-5292.79	307695.27	119977.70
	488	-226.42	-849.98	1937.35	5292.79	273719.19	135034.22
73	493	617.68	594.28	511.52	17434.89	-69452.58	130781.88
	494	-617.68	-594.28	-511.52	-17434.89	-136920.12	105461.66

74	493	-710.60	-734.73	-169.36	-6532.64	48086.65	-212776.06
	495	710.60	734.73	169.36	6532.64	45016.92	-189486.85
75	473	1329.70	-3243.11	917.37	94038.26	-18904.75	-285115.03
	490	-1329.70	3243.11	-917.37	-94038.26	-139138.18	-250008.49
76	382	2726.87	5434.43	1928.87	-53584.15	59250.27	-120932.14
	473	-2726.87	-5434.43	-1928.87	53584.15	-124521.74	311026.16
77	293	-4465.79	14029.34	1774.46	-48003.79	-35458.16	353526.65
	382	4465.79	-14029.34	-1774.46	48003.79	-42085.32	137727.83
78	200	-7954.77	30175.89	1961.12	-48647.23	-117751.86	1583656.74
	293	7954.77	-30175.89	-1961.12	48647.23	51645.12	-527514.58
79	255	798.21	-6161.82	-652.15	45909.14	64400.19	-494132.99
	489	-798.21	6161.82	652.15	-45909.14	43232.45	-522567.89
80	245	1646.39	6256.56	277.17	-21525.33	52114.17	-172943.32
	255	-1646.39	-6256.56	-277.17	21525.33	-45894.25	391879.62
81	235	1222.37	11821.90	-331.10	-20036.15	84189.31	213928.48
	245	-1222.37	-11821.90	331.10	20036.15	-73085.63	199897.33
82	197	1377.64	29241.46	-872.47	-19741.99	137194.54	1485708.59
	235	-1377.64	-29241.46	872.47	19741.99	-106767.58	-462267.88
83	443	-880.66	-5075.84	-347.65	44220.90	168156.86	-473146.17
	488	880.66	5075.84	347.65	-44220.90	142648.30	-364368.86
84	433	-405.23	5785.97	1059.78	21692.27	106129.47	-128195.35
	443	405.23	-5785.97	-1059.78	-21692.27	-141721.02	330659.04
85	423	-870.97	11103.83	-660.62	23120.68	88177.61	205724.65
	433	870.97	-11103.83	660.62	-23120.68	-104859.51	182939.32
86	193	-1542.75	27629.48	-554.72	25175.68	94233.42	1434567.27
	423	1542.75	-27629.48	554.72	-25175.68	-88890.93	-467542.10
87	201	528.87	-910.25	570.31	52026.11	-49372.97	35967.98
	491	-528.87	910.25	-570.31	-52026.11	-133845.16	-262613.10
88	196	1016.65	-3757.14	-237.39	10189.83	25178.16	-456063.00
	492	-1016.65	3757.14	237.39	-10189.83	-61516.08	-558425.73
89	192	-1506.74	-2974.09	-943.85	12756.08	69308.41	-387794.75
	494	1506.74	2974.09	943.85	-12756.08	239039.63	-415248.07
90	487	-1213.18	-3687.18	-242.63	-32119.90	129475.48	-246794.84
	493	1213.18	3687.18	242.63	32119.90	135204.82	-195701.29
91	185	-1356.65	-7976.16	-1045.10	-43947.80	72061.71	-510846.77
	487	1356.65	7976.16	1045.10	43947.80	-151360.90	-685595.08
92	486	-3139.60	-1565.06	-41.04	25502.13	22550.22	-446334.21
	487	3139.60	1565.06	41.04	-25502.13	15421.84	-508403.06
93	485	-312.05	-1281.97	159.22	77107.12	-41892.85	-410645.72
	486	312.05	1281.97	-159.22	-77107.12	-46148.15	-294480.42
94	186	-3641.69	-261.09	-182.59	18143.65	45316.22	-90049.64
	485	3641.69	261.09	182.59	-18143.65	34675.47	-21895.21
95	183	-2544.83	-2673.01	2491.88	40543.60	-321049.66	-23692.08
	485	2544.83	2673.01	-2491.88	-40543.60	54315.97	-384818.47
96	184	-285.68	-8183.47	-1112.23	-25364.16	73766.07	-487249.72
	486	285.68	8183.47	1112.23	25364.16	-102559.27	-740416.27
97	179	1932.98	-5318.94	1738.02	-53861.08	-337942.93	-669148.97
	478	-1932.98	5318.94	-1738.02	53861.08	134153.89	-767072.15
98	182	605.29	-5368.15	2026.33	23495.02	-356606.11	-648457.32
	479	-605.29	5368.15	-2026.33	-23495.02	-206262.05	-801134.31
99	188	-1158.69	-5290.51	-1827.58	-41395.00	330176.88	-650359.38

	480	1158.69	5290.51	1827.58	41395.00	169628.84	-778197.51
100	191	-105.22	-5594.02	1696.10	77557.90	-333121.43	-679008.87
	481	105.22	5594.02	-1696.10	-77557.90	-133958.34	-831590.18
101	194	-329.05	-5888.45	-1455.57	-68315.33	285469.03	-737271.34
	482	329.05	5888.45	1455.57	68315.33	-123445.72	-852690.70
102	198	3468.98	-5744.26	-7821.92	-144284.56	1967177.51	-518449.62
	483	-3468.98	5744.26	7821.92	144284.56	171597.84	-1037367.27
103	199	2046.38	-2698.83	-455.41	-42919.83	162104.96	-229663.86
	484	-2046.38	2698.83	455.41	42919.83	-57875.08	-502515.96
179	472	-5062.29	-81.43	-45.16	1084.56	-1062.66	-681.14
	473	5062.29	81.43	45.16	-1084.56	3183.66	-3662.11
180	467	-4712.74	7.76	-13.43	480.66	-708.19	506.77
	472	4712.74	-7.76	13.43	-480.66	1221.61	-93.36
181	466	-4264.24	2.06	-4.70	332.86	-740.19	413.69
	467	4264.24	-2.06	4.70	-332.86	768.26	-304.04
182	471	-1.49e-010	-506.08	2.59e-013	1009.84	-3.58e-010	-6955.71
	200	1.49e-010	506.08	-2.59e-013	-1009.84	2.33e-010	-20035.10
183	470	2.70e-010	-36.14	-1.39e-011	482.88	8.04e-012	-1270.01
	471	-2.70e-010	36.14	1.39e-011	-482.88	-2.58e-010	-657.65
184	229	-1.70e-010	-44.98	-3.64e-012	345.60	2.63e-010	-473.16
	470	1.70e-010	44.98	3.64e-012	-345.60	3.33e-010	-1925.93
185	469	-1.70e-010	-28.46	-1.77e-011	-221.02	1.16e-010	-601.17
	229	1.70e-010	28.46	1.77e-011	221.02	1.67e-010	-916.63
186	468	3.14e-010	-32.28	-7.28e-012	-106.45	-2.92e-010	-586.66
	469	-3.14e-010	32.28	7.28e-012	106.45	-3.12e-010	-1135.13
187	228	-3.30e-010	-31.00	-1.57e-011	-99.63	2.24e-010	-667.82
	468	3.30e-010	31.00	1.57e-011	99.63	-3.22e-010	-985.38
188	465	-3615.23	-2.14	-1.66	-213.12	-777.64	222.53
	466	3615.23	2.14	1.66	213.12	756.63	-336.38
189	464	-2904.03	-5.44e-002	-0.55	-102.08	-788.80	240.76
	465	2904.03	5.44e-002	0.55	102.08	780.16	-242.39
190	459	-2194.19	-0.38	-0.27	-98.87	-786.31	159.51
	464	2194.19	0.38	0.27	98.87	788.74	-179.59
191	458	-1485.72	-0.31	-0.35	-211.99	-775.37	111.54
	459	1485.72	0.31	0.35	211.99	785.65	-127.57
192	457	-777.32	-0.32	-0.48	-339.03	-756.41	53.51
	458	777.32	0.32	0.48	339.03	774.32	-70.05
193	456	-72.88	-0.32	-0.65	-465.80	-725.73	-5.41
	457	72.88	0.32	0.65	465.80	754.66	-12.10
194	463	-1.85e-010	-31.47	3.64e-012	-212.22	1.67e-010	-716.37
	228	1.85e-010	31.47	-3.64e-012	212.22	2.63e-010	-961.82
195	462	3.47e-010	-31.26	1.57e-011	-339.64	1.63e-010	-772.15
	463	-3.47e-010	31.26	-1.57e-011	339.64	-2.92e-010	-895.13
196	227	-2.05e-010	-31.45	-3.64e-012	-467.08	2.63e-010	-837.60
	462	2.05e-010	31.45	3.64e-012	467.08	1.67e-010	-839.88
197	461	-2.05e-010	-31.05	-3.67e-012	-590.09	4.24e-010	-864.92
	227	2.05e-010	31.05	3.67e-012	590.09	3.58e-010	-790.97
198	460	2.32e-010	-32.12	-3.64e-012	-702.21	-3.12e-010	-1002.87
	461	-2.32e-010	32.12	3.64e-012	702.21	-1.67e-010	-710.20
199	226	-2.26e-010	-29.01	-6.99e-012	-786.11	1.67e-010	-824.42
	460	2.26e-010	29.01	6.99e-012	786.11	2.63e-010	-722.72

200	453	640.79	-0.35	-1.02	-588.17	-671.93	-54.86
	456	-640.79	0.35	1.02	588.17	721.95	36.44
201	452	1350.37	-0.13	-1.87	-702.38	-565.38	-123.74
	453	-1350.37	0.13	1.87	702.38	661.42	117.01
202	451	2059.06	-1.67	-3.92	-804.16	-332.45	-189.65
	452	-2059.06	1.67	3.92	804.16	533.81	100.81
203	450	2714.56	2.07	-9.60	-891.43	291.11	-183.83
	451	-2714.56	-2.07	9.60	891.43	250.50	294.03
204	449	3390.83	10.12	-31.30	-946.60	2073.38	109.60
	450	-3390.83	-10.12	31.30	946.60	-412.78	430.66
205	255	4627.54	-131.78	-117.81	-679.04	7619.18	-5571.04
	449	-4627.54	131.78	117.81	679.04	-1425.72	-1458.52
206	455	-2.26e-010	-42.21	-6.99e-012	-790.23	1.16e-010	-1677.49
	226	2.26e-010	42.21	6.99e-012	790.23	1.67e-010	-573.46
207	454	4.15e-010	-27.76	-7.89e-012	-580.63	-1.67e-010	-414.62
	455	-4.15e-010	27.76	7.89e-012	580.63	-1.17e-010	-1066.20
208	197	-2.38e-010	-468.13	1.01e-011	523.27	1.67e-010	-18227.04
	454	2.38e-010	468.13	-1.01e-011	-523.27	2.63e-010	-6740.10
209	254	-3551.76	-116.69	99.82	958.24	-919.30	-1267.90
	255	3551.76	116.69	-99.82	-958.24	-6256.17	-5092.81
210	253	-2421.31	9.74	25.44	1115.31	-185.20	367.72
	254	2421.31	-9.74	-25.44	-1115.31	1560.88	162.91
211	252	-1755.15	2.46	-7.62	1027.40	-343.89	224.00
	253	1755.15	-2.46	7.62	-1027.40	115.29	-89.97
212	251	-1124.46	-1.72	-3.18	925.00	-581.35	23.27
	252	1124.46	1.72	3.18	-925.00	413.66	-116.23
213	250	-447.50	-0.18	-1.60	813.73	-688.74	48.90
	251	447.50	0.18	1.60	-813.73	604.85	-57.69
214	249	233.42	-0.16	1.07	690.28	-743.46	-39.11
	250	-233.42	0.16	-1.07	-690.28	689.41	31.74
215	248	910.74	-1.78	1.67	549.91	-794.79	-104.62
	249	-910.74	1.78	-1.67	-549.91	722.74	9.11
216	247	1545.09	2.29	4.45	-369.94	-917.88	-73.62
	248	-1545.09	-2.29	-4.45	369.94	728.49	198.57
217	246	2174.82	9.16	8.33	-141.86	-1165.66	149.58
	247	-2174.82	-9.16	-8.33	141.86	797.33	349.87
218	443	3011.54	-95.75	39.81	-739.93	-1278.84	-4190.52
	246	-3011.54	95.75	-39.81	739.93	1585.52	-1028.16
219	448	8.27e-011	-458.76	3.65e-012	-329.41	1.16e-010	-6980.44
	197	-8.27e-011	458.76	-3.65e-012	329.41	1.17e-010	-18022.21
220	225	8.27e-011	-25.63	3.65e-012	751.02	2.33e-010	-1066.11
	448	-8.27e-011	25.63	-3.65e-012	-751.02	1.17e-010	-331.24
221	447	8.27e-011	-38.26	-5.69e-014	927.35	1.16e-010	-578.17
	225	-8.27e-011	38.26	5.69e-014	-927.35	2.59e-010	-1506.97
222	224	-1.53e-010	-26.20	-6.99e-012	906.26	-1.35e-010	-738.45
	447	1.53e-010	26.20	6.99e-012	-906.26	-1.35e-010	-689.75
223	446	9.47e-011	-28.90	7.28e-012	815.10	-1.17e-010	-701.51
	224	-9.47e-011	28.90	-7.28e-012	-815.10	-1.16e-010	-873.78
224	223	-6.55e-011	-28.88	6.86e-014	702.46	-3.35e-010	-855.31
	446	6.55e-011	28.88	-6.86e-014	-702.46	-2.31e-010	-718.76
225	445	-1.89e-010	-26.22	-7.29e-012	591.33	-1.35e-010	-676.01

	223	1.89e-010	26.22	7.29e-012	-591.33	1.35e-010	-752.75
226	222	1.07e-010	-38.07	3.64e-012	510.83	-1.30e-010	-1474.95
	445	-1.07e-010	38.07	-3.64e-012	-510.83	-1.31e-010	-599.93
227	444	1.07e-010	-28.04	9.22e-012	519.31	-6.90e-012	-410.27
	222	-1.07e-010	28.04	-9.22e-012	-519.31	-1.29e-010	-1117.98
228	193	1.07e-010	-452.81	4.11e-012	651.35	-1.90e-010	-17692.34
	444	-1.07e-010	452.81	-4.11e-012	-651.35	-1.86e-012	-6986.04
289	383	1.01e-010	-373.12	-2.49e-013	-533.72	-1.63e-010	-6637.86
	193	-1.01e-010	373.12	2.49e-013	533.72	-1.63e-010	-16122.75
290	221	1.01e-010	-24.39	-3.43e-014	-909.68	-1.85e-010	-869.65
	383	-1.01e-010	24.39	3.43e-014	909.68	-2.20e-010	-618.20
291	442	-3507.98	-81.36	136.96	1459.50	-524.95	-1035.03
	443	3507.98	81.36	-136.96	-1459.50	-8327.99	-3928.31
292	441	-2769.65	6.22	31.79	1244.18	595.10	377.61
	442	2769.65	-6.22	-31.79	-1244.18	-1456.16	-6.46
293	440	-2133.23	3.44	-9.40	-1033.70	1094.92	275.26
	441	2133.23	-3.44	9.40	1033.70	-568.65	-65.53
294	439	-1502.23	-2.23	-3.72	-800.17	1333.08	30.83
	440	1502.23	2.23	3.72	800.17	-1118.06	-166.53
295	380	8.88e-011	-27.79	-1.82e-012	-954.05	-1.17e-010	-424.83
	221	-8.88e-011	27.79	1.82e-012	954.05	-5.84e-011	-1270.28
296	220	8.95e-011	-19.84	-1.84e-012	-788.14	-2.08e-010	-576.55
	380	-8.95e-011	19.84	1.84e-012	788.14	-2.07e-010	-633.83
297	379	8.42e-011	-21.98	-5.46e-012	557.56	-1.48e-010	-564.98
	220	-8.42e-011	21.98	5.46e-012	-557.56	-1.85e-010	-775.86
298	219	8.29e-011	-22.08	-3.64e-012	340.20	1.29e-010	-698.73
	379	-8.29e-011	22.08	3.64e-012	-340.20	1.29e-010	-648.42
299	438	-842.32	-0.83	-1.58	558.59	1421.73	57.67
	439	842.32	0.83	1.58	-558.59	-1337.09	-108.11
300	437	-177.66	-0.63	0.83	341.90	1421.96	-18.14
	438	177.66	0.63	-0.83	-341.90	-1424.64	-21.07
301	436	495.04	-2.81	2.41	264.53	1314.52	-122.85
	437	-495.04	2.81	-2.41	-264.53	-1438.10	-48.66
302	435	1141.10	3.49	7.11	384.47	966.91	51.98
	436	-1141.10	-3.49	-7.11	-384.47	-1360.40	161.34
303	376	8.29e-011	-19.16	-2.73e-012	269.98	-2.36e-010	-527.64
	219	-8.29e-011	19.16	2.73e-012	-269.98	1.83e-010	-640.91
304	218	1.51e-010	-29.03	2.55e-012	419.73	7.37e-011	-1251.69
	376	-1.51e-010	29.03	-2.55e-012	-419.73	9.49e-011	-519.42
305	375	6.80e-011	-29.34	-2.78e-012	594.20	1.19e-010	-662.38
	218	-6.80e-011	29.34	2.78e-012	-594.20	1.29e-010	-1127.25
306	190	6.82e-011	-404.07	2.89e-012	671.96	-8.73e-011	-17198.12
	375	-6.82e-011	404.07	-2.89e-012	-671.96	5.59e-011	-7450.19
307	434	1672.49	5.05	19.42	498.10	-458.05	-26.01
	435	-1672.49	-5.05	-19.42	-498.10	-1055.37	333.67
308	413	1224.32	13.16	46.83	417.74	-2972.34	313.85
	434	-1224.32	-13.16	-46.83	-417.74	433.30	489.20
309	412	-668.39	14.81	-10.49	-314.86	-837.92	411.89
	413	668.39	-14.81	10.49	314.86	1196.86	402.73
310	411	-1302.21	5.11	-5.70	-523.92	-1259.31	290.06
	412	1302.21	-5.11	5.70	523.92	1129.92	-9.59

311	372	1.96e-010	-471.75	2.03e-012	-177.41	6.48e-011	-7526.78
	190	-1.96e-010	471.75	-2.03e-012	177.41	-4.09e-011	-18419.29
312	217	1.15e-010	-29.14	-2.02e-012	-425.49	1.78e-010	-1220.68
	372	-1.15e-010	29.14	2.02e-012	425.49	1.40e-010	-382.09
313	371	1.15e-010	-33.14	-5.21e-012	-674.39	1.69e-010	-504.06
	217	-1.15e-010	33.14	5.21e-012	674.39	2.33e-010	-1318.83
314	216	1.15e-010	-19.54	-4.11e-012	-920.94	1.69e-010	-610.76
	371	-1.15e-010	19.54	4.11e-012	920.94	1.77e-010	-464.12
315	410	-1000.74	1.16	-2.46	-713.29	1372.55	80.81
	411	1000.74	-1.16	2.46	713.29	1280.13	-17.17
316	409	-522.42	-3.78	-0.80	-932.01	1369.11	-53.16
	410	522.42	3.78	0.80	932.01	-1362.65	-154.76
317	408	-34.86	-1.33	-1.50	-1160.37	1296.96	-29.04
	409	34.86	1.33	1.50	1160.37	-1361.72	-44.34
318	407	502.13	-1.42	-3.38	-1380.16	1114.48	-86.55
	408	-502.13	1.42	3.38	1380.16	-1286.31	-10.22
319	368	1.17e-010	-22.98	-5.97e-012	-1161.32	1.88e-010	-583.57
	216	-1.17e-010	22.98	5.97e-012	1161.32	8.78e-011	-680.62
320	215	-4.29e-011	-22.88	-2.88e-012	-1386.41	9.19e-011	-715.08
	368	4.29e-011	22.88	2.88e-012	1386.41	-9.81e-011	-543.28
321	367	1.29e-010	-19.91	-2.25e-012	-1567.20	1.71e-010	-521.55
	215	-1.29e-010	19.91	2.25e-012	1567.20	1.49e-010	-573.78
322	214	4.46e-010	-32.08	-4.43e-012	-1612.99	9.31e-011	-1302.71
	367	-4.46e-010	32.08	4.43e-012	1612.99	1.62e-010	-461.61
323	406	1011.88	-3.50	-7.88	-1573.26	673.27	-179.89
	407	-1011.88	3.50	7.88	1573.26	-1079.06	-14.03
324	405	1489.31	1.04	-20.42	-1715.15	665.57	-69.77
	406	-1489.31	-1.04	20.42	1715.15	-569.17	126.69
325	404	1837.67	5.16	-63.99	1735.65	4306.90	-23.09
	405	-1837.67	-5.16	63.99	-1735.65	-814.35	306.75
326	363	1595.05	-12.72	-220.45	1158.27	15317.61	-716.57
	404	-1595.05	12.72	220.45	-1158.27	-3213.39	97.50
327	364	-2.24e-010	-27.35	-3.06e-012	1267.40	8.32e-011	-417.76
	214	2.24e-010	27.35	3.06e-012	-1267.40	-1.98e-011	-1086.49
328	187	1.58e-010	-436.35	-2.41e-012	346.49	1.42e-010	-17095.56
	364	-1.58e-010	436.35	2.41e-012	-346.49	-5.63e-011	-6903.78
389	362	-1579.76	-3.46	-161.58	-1810.19	-1075.50	268.60
	363	1579.76	3.46	161.58	1810.19	11334.86	-395.35
390	361	-1912.40	4.38	-48.30	-2042.52	-422.13	324.77
	362	1912.40	-4.38	48.30	2042.52	2749.90	-45.23
391	302	5.91e-012	-341.95	1.43e-012	-509.48	4.11e-011	-6684.85
	187	-5.91e-012	341.95	-1.43e-012	509.48	-9.86e-011	-15200.28
392	213	5.38e-011	-22.16	-1.30e-012	-1729.17	-5.89e-011	-820.85
	302	-5.38e-011	22.16	1.30e-012	1729.17	5.55e-011	-597.35
393	301	5.38e-011	-19.95	-1.72e-012	-1840.81	3.91e-011	-284.72
	213	-5.38e-011	19.95	1.72e-012	1840.81	1.05e-010	-992.10
394	212	3.13e-011	-12.22	3.63e-012	-1642.49	-6.03e-011	-385.81
	301	-3.13e-011	12.22	-3.63e-012	1642.49	6.71e-011	-396.01
395	360	-1525.17	3.59	-15.32	-1895.51	1161.35	205.27
	361	1525.17	-3.59	15.32	1895.51	331.08	24.69
396	359	-1071.85	-2.71	-5.98	-1643.72	1488.38	-10.92

	360	1071.85	2.71	5.98	1643.72	-1119.44	-162.92
397	358	-609.32	-1.08	-2.76	-1341.77	1629.16	25.44
	359	609.32	1.08	2.76	1341.77	-1459.42	-94.41
398	357	-150.30	-1.04	-1.24	-1012.62	1687.21	-33.73
	358	150.30	1.04	1.24	1012.62	-1613.61	-33.92
399	298	2.93e-011	-14.55	-3.63e-012	-1344.70	-2.61e-011	-385.80
	212	-2.93e-011	14.55	3.63e-012	1344.70	9.81e-011	-545.73
400	211	2.93e-011	-14.58	-3.74e-012	-1011.69	6.35e-011	-488.05
	298	-2.93e-011	14.58	3.74e-012	1011.69	-9.08e-011	-444.98
401	297	2.93e-011	-12.05	-3.83e-012	-664.15	-1.29e-010	-330.67
	211	-2.93e-011	12.05	3.83e-012	664.15	-6.58e-011	-441.07
402	210	1.02e-010	-20.29	3.53e-012	-317.78	2.04e-010	-951.37
	297	-1.02e-010	20.29	-3.53e-012	317.78	1.43e-010	-346.91
403	356	341.37	-2.84	-0.53	-673.32	1666.13	-111.71
	357	-341.37	2.84	0.53	673.32	-1691.36	-70.73
404	355	793.30	3.53	3.76	-347.98	1470.62	86.88
	356	-793.30	-3.53	-3.76	347.98	-1705.66	139.82
405	354	1147.74	4.35	11.91	-106.66	821.41	-10.52
	355	-1147.74	-4.35	-11.91	106.66	-1558.22	273.42
406	333	539.97	13.73	29.12	110.96	-1100.47	436.31
	354	-539.97	-13.73	-29.12	-110.96	-837.68	443.18
407	294	4.60e-010	-23.18	1.01e-012	98.91	1.44e-010	-561.01
	210	-4.60e-010	23.18	-1.01e-012	-98.91	2.44e-010	-922.54
408	181	5.83e-011	-351.09	-3.12e-012	337.12	6.45e-011	-15560.48
	294	-5.83e-011	351.09	3.12e-012	-337.12	-7.38e-011	-6909.09
409	332	-1408.54	11.89	-18.00	-128.60	-887.01	465.69
	333	1408.54	-11.89	18.00	128.60	726.23	203.46
410	331	-1750.75	5.37	-9.35	-321.31	1597.62	328.41
	332	1750.75	-5.37	9.35	321.31	-1141.43	-28.13
411	292	2.01e-010	-452.21	3.64e-012	-204.45	-9.99e-011	-7489.52
	181	-2.01e-010	452.21	-3.64e-012	204.45	5.60e-011	-17834.13
412	209	5.66e-011	-34.97	-5.82e-012	-237.80	4.07e-011	-1313.41
	292	-5.66e-011	34.97	5.82e-012	237.80	-1.21e-010	-645.65
413	291	2.01e-010	-37.92	5.93e-012	-527.87	1.77e-010	-659.49
	209	-2.01e-010	37.92	-5.93e-012	527.87	4.35e-012	-1464.22
414	208	1.36e-010	-25.81	7.28e-012	855.35	9.48e-011	-788.78
	291	-1.36e-010	25.81	-7.28e-012	-855.35	-6.75e-011	-656.87
415	330	-1212.63	1.91	-3.93	-567.50	1813.32	121.95
	331	1212.63	-1.91	3.93	567.50	-1609.99	-15.27
416	329	-533.65	-3.10	-1.26	868.15	1857.53	-39.95
	330	533.65	3.10	1.26	-868.15	-1802.16	-134.44
417	328	205.12	-0.83	1.04	1189.28	1811.70	-30.31
	329	-205.12	0.83	-1.04	-1189.28	-1850.20	-19.17
418	327	898.80	-0.85	3.04	1507.94	1641.25	-103.06
	328	-898.80	0.85	-3.04	-1507.94	-1801.24	56.82
419	288	1.36e-010	-28.98	-4.57e-012	1188.59	9.48e-011	-780.66
	208	-1.36e-010	28.98	4.57e-012	-1188.59	-5.82e-011	-842.48
420	207	2.01e-010	-28.99	-6.99e-012	1510.61	1.16e-010	-928.62
	288	-2.01e-010	28.99	6.99e-012	-1510.61	1.46e-010	-695.01
421	287	2.01e-010	-25.87	9.14e-012	1786.01	1.26e-010	-743.07
	207	-2.01e-010	25.87	-9.14e-012	-1786.01	2.39e-010	-705.86

422	206	1.36e-010	-38.33	5.93e-012	1908.04	1.31e-010	-1564.96
	287	-1.36e-010	38.33	-5.93e-012	-1908.04	-8.14e-011	-581.37
423	326	1606.48	-3.05	7.84	1805.54	1181.82	-215.76
	327	-1606.48	3.05	-7.84	-1805.54	-1604.17	47.85
424	325	2279.86	1.90	21.59	2061.76	361.03	-105.57
	326	-2279.86	-1.90	-21.59	-2061.76	-1075.10	211.41
425	324	2808.59	5.46	72.92	2201.76	-4345.34	-95.09
	325	-2808.59	-5.46	-72.92	-2201.76	-388.85	399.68
426	283	2675.18	-12.06	257.84	1512.97	-16771.01	-736.59
	324	-2675.18	12.06	-257.84	-1512.97	-2362.20	157.97
427	284	1.36e-010	-32.79	4.04e-012	1573.54	1.46e-010	-641.43
	206	-1.36e-010	32.79	-4.04e-012	-1573.54	1.90e-010	-1196.73
428	176	2.01e-010	-443.39	-2.54e-012	310.69	9.43e-013	-17796.91
	284	-2.01e-010	443.39	2.54e-012	-310.69	-1.16e-010	-7033.40
444	282	378.05	-5.21	-72.98	798.04	-1229.59	174.63
	283	-378.05	5.21	72.98	-798.04	4000.75	-429.86
445	281	582.19	7.80	-17.26	-515.94	-513.76	213.19
	282	-582.19	-7.80	17.26	515.94	1135.68	214.25
446	280	1373.82	5.92	-9.08	-208.57	566.47	50.19
	281	-1373.82	-5.92	9.08	208.57	518.29	285.84
447	279	2390.30	0.99	-15.14	329.64	847.38	-142.84
	280	-2390.30	-0.99	15.14	-329.64	-544.34	192.16
448	278	3944.35	-47.16	97.38	817.45	-3481.65	-2190.33
	279	-3944.35	47.16	-97.38	-817.45	-2088.30	-370.98
449	205	-3.70e-010	-498.53	-9.36e-012	947.00	1.29e-010	-8037.80
	176	3.70e-010	498.53	9.36e-012	-947.00	-5.82e-011	-18883.99
450	204	-3.67e-010	-46.18	-3.65e-012	-163.95	5.82e-011	-1816.19
	205	3.67e-010	46.18	3.65e-012	163.95	8.33e-011	-678.18
451	203	-7.28e-011	-59.25	-6.99e-012	-359.72	-1.29e-010	-1505.53
	204	7.28e-011	59.25	6.99e-012	359.72	-1.29e-010	-1695.52
452	202	-3.21e-010	-38.00	-2.59e-011	-685.27	1.47e-010	-1049.25
	203	3.21e-010	38.00	2.59e-011	685.27	1.90e-010	-1007.05
453	175	-3.23e-010	-209.46	-1.42e-011	-1977.26	3.23e-010	-8056.90
	202	3.23e-010	209.46	1.42e-011	1977.26	3.23e-010	-3255.71
454	101	3122.07	-10422.54	2672.03	15512.03	-496624.75	-1811685.67
	201	-3122.07	10422.54	-2672.03	-15512.03	-465881.86	-1940496.68
455	100	8693.50	-10514.55	3211.79	15512.03	-603213.30	-1790716.76
	200	-8693.50	10514.55	-3211.79	-15512.03	-553462.40	-1994597.30
456	99	8407.42	-10660.78	2369.67	15512.03	-425424.60	-1865619.46
	199	-8407.42	10660.78	-2369.67	-15512.03	-428545.71	-1972390.48
457	98	6310.47	-21637.60	10045.52	49638.48	-1593924.56	-3775962.76
	198	-6310.47	21637.60	-10045.52	-49638.48	-2052549.27	-4013945.70
458	97	2613.30	-12952.90	3234.06	15512.03	-580052.35	-2322371.87
	197	-2613.30	12952.90	-3234.06	-15512.03	-584497.40	-2340701.83
459	96	1622.45	-13414.93	3217.34	15512.03	-560322.97	-2364110.82
	196	-1622.45	13414.93	-3217.34	-15512.03	-598343.43	-2465297.92
460	95	5413.61	-11493.24	2757.73	15512.03	-463470.81	-2007105.62
	195	-5413.61	11493.24	-2757.73	-15512.03	-529859.38	-2130498.58
461	85	-3219.35	-13937.05	668.91	15512.03	-126113.72	-2476044.10
	185	3219.35	13937.05	-668.91	-15512.03	-133420.34	-2541326.52
462	92	-2544.05	-13288.50	782.78	15512.03	-153695.91	-2331685.38

	192	2544.05	13288.50	-782.78	-15512.03	-145808.49	-2452260.65
463	93	-1179.16	-12729.25	645.41	15512.03	-143499.77	-2260122.86
	193	1179.16	12729.25	-645.41	-15512.03	-112949.32	-2322495.27
464	94	-2812.14	-13905.41	886.07	15512.03	-120053.66	-2474294.87
	194	2812.14	13905.41	-886.07	-15512.03	211621.30	-2531693.41
465	91	1023.58	-13910.64	1058.83	15512.03	-159920.52	-2495012.90
	191	-1023.58	13910.64	-1058.83	-15512.03	232572.68	-2512819.42
466	90	-804.68	-13323.01	317.51	15512.03	-114899.47	-2395029.92
	190	804.68	13323.01	-317.51	-15512.03	-69957.77	-2401254.88
467	89	273.16	-13991.15	580.81	15512.03	-137205.93	-2475926.71
	189	-273.16	13991.15	-580.81	-15512.03	-107280.36	-2560889.77
468	84	1455.98	-14517.33	410.12	15512.03	-107781.96	-2623249.31
	184	-1455.98	14517.33	-410.12	-15512.03	-78430.86	-2603013.49
469	83	-9672.13	-10025.31	-2379.70	15512.03	396858.07	-1633237.73
	183	9672.13	10025.31	2379.70	-15512.03	460857.81	-1978139.57
470	86	-3430.26	-12994.86	-2533.84	15512.03	403476.77	-2237373.11
	186	3430.26	12994.86	2533.84	-15512.03	509682.66	-2441207.70
471	87	-2209.11	-12494.18	-2829.44	15512.03	-451771.01	-2188663.06
	187	2209.11	12494.18	2829.44	-15512.03	567662.68	-2309635.62
472	88	-1414.17	-12703.58	-2087.78	15512.03	360656.57	-2198076.37
	188	1414.17	12703.58	2087.78	-15512.03	391442.30	-2375670.85
473	80	1093.94	-13226.13	-639.83	15512.03	78060.13	-2289357.32
	180	-1093.94	13226.13	639.83	-15512.03	185798.90	-2472301.24
474	81	2570.76	-12601.61	-347.91	15512.03	83057.84	-2206594.55
	181	-2570.76	12601.61	347.91	-15512.03	-65402.89	-2330271.87
475	82	1841.48	-12858.42	-896.44	15512.03	130236.05	-2233946.02
	182	-1841.48	12858.42	896.44	-15512.03	217342.25	-2395420.38
476	73	6073.55	-13727.44	-4154.30	15512.03	708005.75	-2400150.03
	173	-6073.55	13727.44	4154.30	-15512.03	787633.93	-2541931.77
477	76	5511.48	-13160.81	-3882.63	15512.03	660919.21	-2362413.50
	176	-5511.48	13160.81	3882.63	-15512.03	737007.75	-2375605.25
478	72	-3929.10	-14428.54	-3800.16	15512.03	652638.75	-2546844.77
	172	3929.10	14428.54	3800.16	-15512.03	715615.90	-2647438.94
479	79	8655.68	-13742.04	-2242.49	15512.03	347537.35	-2420295.97
	179	-8655.68	13742.04	2242.49	-15512.03	461064.31	-2526986.57
480	75	5107.60	-14464.62	-1709.85	15512.03	183337.82	-2579617.71
	175	-5107.60	14464.62	1709.85	-15512.03	442653.41	-2627651.77
481	78	-1158.38	-14419.35	-819.06	15512.03	96771.16	-2568171.04
	178	1158.38	14419.35	819.06	-15512.03	256518.18	-2622844.18
482	70	2664.35	2013.69	-4514.78	15512.03	749524.25	404559.47
	170	-2664.35	-2013.69	4514.78	-15512.03	875919.26	-724389.70
483	69	-1234.60	1626.23	-4616.47	15512.03	834905.39	325071.61
	169	1234.60	-1626.23	4616.47	-15512.03	827072.99	-483292.49
484	66	-6955.32	-11028.50	-4404.88	15512.03	781777.06	-1818036.38
	166	6955.32	11028.50	4404.88	-15512.03	804051.76	-2153372.47
485	67	16739.20	-7431.07	-4231.51	15512.03	700034.44	-1056012.04
	167	-16739.20	7431.07	4231.51	-15512.03	823446.34	-1628549.20
486	64	3150.03	1416.44	-4362.83	15512.03	729180.28	515401.52
	164	-3150.03	-1416.44	4362.83	-15512.03	841515.47	-511381.92
487	63	-1173.47	1253.41	-4551.86	15512.03	826659.47	363191.69
	163	1173.47	-1253.41	4551.86	-15512.03	812039.45	-384101.26

488	61	14837.06	-7894.86	-3220.20	15512.03	476174.76	-1265843.15
	161	-14837.06	7894.86	3220.20	-15512.03	683947.25	-1580788.93
489	60	-9799.74	-11884.39	-3177.45	15512.03	525024.80	-2086135.45
	160	9799.74	11884.39	3177.45	-15512.03	619497.76	-2192630.33
490	59	-9457.89	-7273.97	-2870.43	15512.03	443833.08	-1099379.09
	159	9457.89	7273.97	2870.43	-15512.03	590932.72	-1527531.60
491	62	-1567.99	1220.48	-4486.15	15512.03	773585.04	547731.82
	162	1567.99	-1220.48	4486.15	-15512.03	841546.09	-457684.84
492	65	-10044.58	-6502.44	-4312.40	15512.03	734971.15	-854734.86
	165	10044.58	6502.44	4312.40	-15512.03	817676.17	-1505398.55
493	68	-4145.07	298.94	-4540.19	15512.03	780314.38	473264.40
	168	4145.07	-298.94	4540.19	-15512.03	854274.63	-375812.29
494	71	-11347.01	-9858.15	-4792.30	15512.03	833430.68	-1684002.39
	171	11347.01	9858.15	4792.30	-15512.03	891875.48	-1869186.87
495	74	-11471.89	-10482.54	-4344.89	15512.03	739714.17	-1788724.45
	174	11471.89	10482.54	4344.89	-15512.03	824614.31	-1987529.68
496	77	-14531.13	-10821.54	-2475.72	15512.03	359007.66	-1824730.59
	177	14531.13	10821.54	2475.72	-15512.03	534588.53	-2072104.28
497	166	-1.38e-010	-8537.00	-2.11e-012	-50983.29	-2.59e-010	-1025735.46
	167	1.38e-010	8537.00	2.11e-012	50983.29	4.47e-010	-1279348.85
498	165	-1.96e-010	-6639.58	-1.45e-012	8423.89	-1.82e-012	-1363466.54
	166	1.96e-010	6639.58	1.45e-012	-8423.89	3.49e-010	-1159996.91
499	163	-1.24e-010	-1777.19	6.13e-013	133223.10	2.04e-010	-364153.58
	160	1.24e-010	1777.19	-6.13e-013	-133223.10	8.78e-011	-400074.21
500	166	1.32e-010	-2121.43	-3.63e-013	-169393.02	-6.30e-011	-407339.33
	163	-1.32e-010	2121.43	3.63e-013	169393.02	1.39e-010	-420020.50
501	169	5.82e-011	-1577.55	-1.71e-013	141584.70	4.64e-011	-340202.16
	166	-5.82e-011	1577.55	1.71e-013	-141584.70	-1.24e-010	-338150.75
502	172	1.27e-010	-2919.62	-3.82e-013	-241809.34	2.16e-010	-451198.53
	169	-1.27e-010	2919.62	3.82e-013	241809.34	4.49e-010	-424702.16
503	160	1.31e-010	-7126.18	-2.05e-012	46110.56	4.96e-010	-869327.43
	161	-1.31e-010	7126.18	2.05e-012	-46110.56	4.00e-010	-1054793.28
504	159	8.17e-011	-4667.38	-4.55e-013	13564.68	1.67e-010	-942669.14
	160	-8.17e-011	4667.38	4.55e-013	-13564.68	2.95e-010	-831025.49
505	162	-8.13e-011	-2497.34	1.15e-012	129716.91	-7.49e-010	-486665.80
	159	8.13e-011	2497.34	-1.15e-012	-129716.91	-3.00e-010	-587484.98
506	165	2.28e-010	2947.36	-6.98e-012	-190739.32	-2.48e-010	578172.80
	162	-2.28e-010	-2947.36	6.98e-012	190739.32	4.71e-010	571300.47
507	168	1.31e-010	-2020.34	-2.44e-012	250194.43	-6.82e-010	-426461.67
	165	-1.31e-010	2020.34	2.44e-012	-250194.43	-2.91e-010	-442324.81
508	171	5.82e-011	4490.78	5.10e-013	-314459.28	7.50e-010	662657.83
	168	-5.82e-011	-4490.78	-5.10e-013	314459.28	1.07e-009	684589.39
509	174	-1.16e-010	-3746.23	-1.01e-012	-43362.85	-8.20e-010	-580885.89
	171	1.16e-010	3746.23	1.01e-012	43362.85	-9.02e-010	-543256.08
510	177	-6.58e-011	-2147.82	6.11e-013	33045.91	-1.47e-010	-598103.00
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511	164	6.57e-011	3200.99	1.45e-012	187172.47	2.33e-010	671636.95
	161	-6.57e-011	-3200.99	-1.45e-012	-187172.47	1.16e-010	-722258.95
512	167	-5.82e-011	-2079.01	2.06e-012	-325074.74	-5.26e-010	-424157.10
	164	5.82e-011	2079.01	-2.06e-012	325074.74	-3.49e-010	-386759.88
513	170	-1.65e-010	3078.91	4.56e-013	203536.53	9.72e-010	614985.50

	167	1.65e-010	-3078.91	-4.56e-013	-203536.53	1.02e-009	708976.94
514	173	1.79e-010	-3412.81	7.60e-012	-521118.35	-9.73e-010	-634178.00
	170	-1.79e-010	3412.81	-7.60e-012	521118.35	-3.36e-010	-425915.43
515	176	-6.47e-011	1512.70	-9.49e-013	50271.71	1.26e-009	234800.86
	173	6.47e-011	-1512.70	9.49e-013	-50271.71	1.26e-009	220484.95
516	179	-3.29e-011	-974.46	-6.82e-013	-24820.99	2.41e-011	-277210.02
	176	3.29e-011	974.46	6.82e-013	24820.99	-2.91e-010	-219853.09
517	186	-5.16e-011	-1054.76	1.18e-012	-43382.72	-5.67e-010	-197220.40
	183	5.16e-011	1054.76	-1.18e-012	43382.72	-2.29e-010	-224734.39
518	187	-4.13e-011	1511.40	3.42e-012	36392.71	-2.57e-010	212771.29
	186	4.13e-011	-1511.40	-3.42e-012	-36392.71	-1.74e-009	240685.60
519	188	-1.30e-011	821.10	-6.59e-013	-12671.12	-9.80e-011	241028.92
	187	1.30e-011	-821.10	6.59e-013	12671.12	1.34e-010	177784.37
520	196	-5.83e-011	1749.43	-3.76e-012	-64641.21	-6.71e-010	335772.92
	195	5.83e-011	-1749.43	3.76e-012	64641.21	7.04e-011	359687.03
521	197	5.83e-011	1266.59	-8.94e-012	35124.40	-1.06e-009	199422.03
	196	-5.83e-011	-1266.59	8.94e-012	-35124.40	-1.47e-010	180637.43
522	198	2.04e-012	990.47	-1.26e-012	25775.81	7.35e-011	274655.65
	197	-2.04e-012	-990.47	1.26e-012	-25775.81	4.60e-012	210711.82
523	200	5.82e-011	2661.81	-3.42e-012	-22974.50	2.82e-010	381871.47
	201	-5.82e-011	-2661.81	3.42e-012	22974.50	-5.02e-010	410065.49
524	199	1.35e-010	1295.63	8.62e-013	14025.84	1.26e-010	312851.85
	200	-1.35e-010	-1295.63	-8.62e-013	-14025.84	-3.44e-010	292978.16
525	185	4.76e-011	-6663.79	-3.26e-013	113110.03	-8.14e-011	-1608960.37
	195	-4.76e-011	6663.79	3.26e-013	-113110.03	1.29e-010	-2039479.33
526	184	2.68e-010	-4767.58	-2.57e-013	-31437.57	1.67e-010	-1464927.91
	185	-2.68e-010	4767.58	2.57e-013	31437.57	1.75e-010	-1443328.93
527	183	8.84e-011	-6498.77	3.99e-013	-98527.60	1.60e-010	-1949719.42
	184	-8.84e-011	6498.77	-3.99e-013	98527.60	-1.14e-010	-1624759.33
528	196	9.53e-011	-4219.61	-2.18e-013	-49291.06	-1.79e-010	-1486851.50
	201	-9.53e-011	4219.61	2.18e-013	49291.06	1.86e-010	-1899407.13
529	192	1.30e-011	-5400.32	4.55e-013	121628.05	5.83e-011	-1468208.60
	196	-1.30e-011	5400.32	-4.55e-013	-121628.05	8.14e-011	-1474968.64
530	189	-2.35e-010	-4361.44	3.05e-013	27475.46	-5.85e-011	-1289757.75
	192	2.35e-010	4361.44	-3.05e-013	-27475.46	8.95e-011	-1370766.06
531	186	8.08e-011	-4633.11	-2.23e-013	-101935.99	7.42e-011	-1277133.65
	189	-8.08e-011	4633.11	2.23e-013	101935.99	9.68e-011	-1271143.60
532	180	6.76e-011	-3595.27	-2.16e-013	-82056.87	-1.80e-011	-1145019.32
	186	-6.76e-011	3595.27	2.16e-013	82056.87	-7.50e-011	-1155988.07
533	173	-1.42e-010	-4678.81	-7.59e-013	104033.75	2.91e-011	-1292733.11
	180	1.42e-010	4678.81	7.59e-013	-104033.75	1.16e-010	-1327572.69
534	172	-7.27e-010	-11504.13	3.50e-012	-82629.32	3.34e-010	-1475307.55
	173	7.27e-010	11504.13	-3.50e-012	82629.32	2.33e-010	-1634104.56
535	171	4.28e-011	-13364.10	3.64e-012	32598.26	-2.92e-010	-3198041.99
	172	-4.28e-011	13364.10	-3.64e-012	-32598.26	-4.66e-010	-1891910.45
536	174	4.53e-011	-12418.55	2.28e-012	53161.74	9.24e-010	-2819792.25
	175	-4.53e-011	12418.55	-2.28e-012	-53161.74	-5.54e-010	-1907784.45
537	198	-4.37e-011	-5404.03	-3.19e-013	-18581.30	-1.63e-010	-2136136.26
	199	4.37e-011	5404.03	3.19e-013	18581.30	-1.27e-010	-2175291.84
538	194	4.07e-011	-7496.81	-5.04e-013	131376.44	-2.07e-010	-1774762.03
	198	-4.07e-011	7496.81	5.04e-013	-131376.44	-2.22e-010	-2350586.26

539	191	1.47e-010	-4976.58	2.88e-013	-37668.29	-6.75e-011	-1548611.00
	194	-1.47e-010	4976.58	-2.88e-013	37668.29	8.06e-011	-1487136.20
540	188	-3.32e-011	-5915.83	-4.92e-013	-124053.33	2.82e-010	-1618012.50
	191	3.32e-011	5915.83	4.92e-013	124053.33	1.33e-010	-1635752.67
541	182	5.82e-011	-4416.11	-2.85e-014	-102859.20	3.92e-011	-1411075.91
	188	-5.82e-011	4416.11	2.85e-014	102859.20	5.04e-011	-1415235.09
542	179	-3.74e-011	-5643.96	6.65e-013	-105745.32	1.77e-010	-1533692.39
	182	3.74e-011	5643.96	-6.65e-013	105745.32	2.94e-010	-1626953.09
543	178	-5.24e-010	-12026.05	-3.15e-014	-83456.30	4.66e-010	-1566803.55
	179	5.24e-010	12026.05	3.15e-014	83456.30	4.66e-010	-1680276.18
544	177	7.70e-010	-10847.37	-1.75e-012	50455.72	6.69e-010	-2379276.23
	178	-7.70e-010	10847.37	1.75e-012	-50455.72	9.24e-010	-1742942.53
545	66	-1.75e-010	-26314.31	-4.55e-013	-18957.65	-1.16e-010	-3202860.66
	67	1.75e-010	26314.31	4.55e-013	18957.65	-1.68e-010	-3902002.28
546	65	9.81e-011	-16013.30	2.27e-013	20513.66	-8.73e-011	-3365829.50
	66	-9.81e-011	16013.30	-2.27e-013	-20513.66	-1.16e-010	-2719238.61
547	63	6.31e-011	5693.18	4.57e-013	666492.76	-3.95e-010	-1023266.78
	60	-6.31e-011	-5693.18	-4.57e-013	-666492.76	-2.64e-010	1425093.51
548	66	-1.16e-010	4953.34	7.11e-013	-607202.23	-3.35e-010	1009244.89
	63	1.16e-010	-4953.34	-7.11e-013	607202.23	-2.21e-010	922564.81
549	69	-6.76e-011	-3880.21	4.32e-013	516414.63	2.93e-011	-794200.90
	66	6.76e-011	3880.21	-4.32e-013	-516414.63	2.04e-010	-874317.94
550	72	2.01e-012	8879.77	-2.88e-012	-1097912.23	4.18e-010	1506618.12
	69	-2.01e-012	-8879.77	2.88e-012	1097912.23	4.66e-011	1157453.63
551	60	-3.16e-010	-26718.09	1.75e-012	30282.54	1.17e-010	-3133785.85
	61	3.16e-010	26718.09	-1.75e-012	-30282.54	-2.53e-010	-4080098.54
552	59	3.57e-011	-16967.27	-5.12e-013	48888.89	2.33e-010	-3654219.82
	60	-3.57e-011	16967.27	5.12e-013	-48888.89	2.92e-010	-2793359.66
553	62	1.20e-010	5013.37	-1.09e-012	343927.05	-3.01e-010	958750.86
	59	-1.20e-010	-5013.37	1.09e-012	-343927.05	3.31e-010	1197150.19
554	65	1.48e-010	4843.20	3.41e-012	-285267.69	4.08e-010	961311.86
	62	-1.48e-010	-4843.20	-3.41e-012	285267.69	-7.93e-011	927536.19
555	68	0.00	-3781.56	-2.18e-013	227312.30	8.36e-011	-797579.51
	65	0.00	3781.56	2.18e-013	-227312.30	-3.02e-010	-828535.30
556	71	-1.82e-012	7162.35	-6.85e-013	-692184.93	1.34e-010	1046141.25
	68	1.82e-012	-7162.35	6.85e-013	692184.93	-1.64e-010	1102565.13
557	74	6.62e-011	6941.92	-4.21e-012	-26720.16	6.59e-010	1091234.80
	71	-6.62e-011	-6941.92	4.21e-012	26720.16	-7.63e-011	991546.20
558	77	-4.19e-011	4231.72	-6.72e-013	-9865.06	3.98e-010	1194411.26
	74	4.19e-011	-4231.72	6.72e-013	9865.06	2.16e-010	963781.44
559	64	-2.92e-011	4707.85	-3.02e-013	387086.88	-1.26e-010	915988.90
	61	2.92e-011	-4707.85	3.02e-013	-387086.88	6.81e-011	1108611.02
560	67	-7.31e-011	-3764.65	-1.14e-012	-336431.56	1.11e-010	-746476.55
	64	7.31e-011	3764.65	1.14e-012	336431.56	-2.84e-010	-721739.47
561	70	3.29e-011	3735.51	4.56e-013	274730.81	7.57e-011	789677.66
	67	-3.29e-011	-3735.51	-4.56e-013	-274730.81	1.17e-010	816590.24
562	73	-7.31e-011	-5806.00	-3.19e-012	-881218.07	-5.54e-010	-869719.17
	70	7.31e-011	5806.00	3.19e-012	881218.07	-5.96e-010	-872108.55
563	76	5.83e-011	6462.63	-9.87e-013	-25798.38	5.94e-010	986475.97
	73	-5.83e-011	-6462.63	9.87e-013	25798.38	1.99e-010	952355.80
564	79	-1.47e-011	4624.80	4.57e-014	1971.24	1.96e-011	1296044.64

	76	1.47e-011	-4624.80	-4.57e-014	-1971.24	-9.09e-013	1062611.69
565	86	-2.96e-011	-4397.19	-2.78e-013	-153521.08	-2.24e-010	-889227.86
	83	2.96e-011	4397.19	2.78e-013	153521.08	-2.57e-011	-869690.13
566	87	-1.39e-011	-554.64	-1.91e-012	-1577.14	-2.59e-010	-82211.87
	86	1.39e-011	554.64	1.91e-012	1577.14	-3.73e-010	-84182.09
567	88	-1.56e-011	-3764.91	1.90e-014	2673.01	-4.74e-011	-962676.34
	87	1.56e-011	3764.91	-1.90e-014	-2673.01	-1.50e-011	-957459.65
568	96	-5.83e-011	3138.01	-1.16e-012	-77978.93	7.63e-011	586874.71
	95	5.83e-011	-3138.01	1.16e-012	77978.93	-2.85e-010	660616.44
569	97	-7.41e-012	-2768.88	1.18e-012	-6225.32	-1.62e-011	-398700.42
	96	7.41e-012	2768.88	-1.18e-012	6225.32	1.50e-010	-431976.16
570	98	-2.11e-012	-3473.70	6.32e-014	22980.96	-4.51e-011	-996542.50
	97	2.11e-012	3473.70	-6.32e-014	-22980.96	-2.75e-011	-705968.99
571	100	-1.17e-010	-3761.20	-3.82e-013	26001.83	-3.39e-010	-511530.65
	101	1.17e-010	3761.20	3.82e-013	-26001.83	1.12e-010	-607994.27
572	99	-2.60e-012	-2174.29	-2.26e-013	-30151.39	-6.69e-011	563996.55
	100	2.60e-012	2174.29	2.26e-013	30151.39	2.95e-011	-453224.26
573	85	-3.03e-010	-10322.55	1.17e-013	-84828.80	-6.83e-011	-2508552.77
	95	3.03e-010	10322.55	-1.17e-013	84828.80	-7.46e-011	-3143178.36
574	84	1.60e-010	-5390.40	1.27e-013	-41788.43	2.91e-011	-1519935.73
	85	-1.60e-010	5390.40	-1.27e-013	41788.43	-5.34e-011	-1769434.58
575	83	5.82e-011	-12897.18	8.02e-014	80235.60	6.80e-011	-4380957.62
	84	-5.82e-011	12897.18	-8.02e-014	-80235.60	7.58e-011	-2715228.69
576	96	-1.41e-011	-6262.12	1.76e-013	-22725.98	-5.82e-011	-2273605.34
	101	1.41e-011	6262.12	-1.76e-013	22725.98	-4.89e-012	-2751810.00
577	92	-1.63e-010	-9645.57	-2.57e-013	-108695.05	-6.64e-011	-2660727.34
	96	1.63e-010	9645.57	2.57e-013	108695.05	-6.46e-011	-2596174.73
578	89	-5.53e-011	-7430.72	-1.27e-013	-50632.70	-5.83e-011	-2167706.84
	92	5.53e-011	7430.72	1.27e-013	50632.70	-3.71e-011	-2365591.16
579	86	-1.55e-010	-10078.23	-1.14e-013	85929.87	-4.31e-011	-2995501.22
	89	1.55e-010	10078.23	1.14e-013	-85929.87	2.31e-011	-2549600.58
580	80	1.04e-010	-8990.74	3.24e-014	115751.81	-7.49e-012	-2836933.57
	86	-1.04e-010	8990.74	-3.24e-014	-115751.81	-3.66e-011	-2917189.04
581	73	-5.38e-011	-10509.36	-2.26e-013	162742.75	7.32e-011	-2853525.38
	80	5.38e-011	10509.36	2.26e-013	-162742.75	-3.04e-011	-3031812.28
582	72	-4.98e-010	-28547.27	5.23e-012	-51357.91	-4.62e-010	-3619575.97
	73	4.98e-010	28547.27	-5.23e-012	51357.91	-4.79e-010	-4088342.58
583	71	2.68e-010	-24619.92	-9.09e-013	-41323.35	-1.90e-010	-5512875.58
	72	-2.68e-010	24619.92	9.09e-013	41323.35	1.16e-010	-3842955.90
584	97	-8.26e-011	-6417.02	-1.44e-013	-17431.31	2.93e-011	-2272993.36
	100	8.26e-011	6417.02	1.44e-013	17431.31	7.39e-011	-2860657.84
585	93	-1.12e-010	-9476.31	-3.18e-013	-116205.98	-2.93e-011	-2647417.99
	97	1.12e-010	9476.31	3.18e-013	116205.98	4.89e-012	-2517242.17
586	90	1.53e-010	-7481.16	1.29e-013	-46208.29	2.95e-011	-2177092.19
	93	-1.53e-010	7481.16	-1.29e-013	46208.29	3.23e-011	-2386892.72
587	87	3.42e-010	-9902.35	-6.50e-014	85879.23	5.78e-011	-2924604.10
	90	-3.42e-010	9902.35	6.50e-014	-85879.23	4.74e-011	-2523481.47
588	81	5.10e-011	-8962.52	-2.01e-013	108642.82	-4.29e-011	-2857832.92
	87	-5.10e-011	8962.52	2.01e-013	-108642.82	-2.26e-011	-2878217.16
589	76	1.31e-010	-10067.60	3.45e-013	-136323.67	-4.76e-011	-2662544.35
	81	-1.31e-010	10067.60	-3.45e-013	136323.67	-5.83e-011	-2975323.57

590	75	4.13e-010	-24468.66	5.93e-012	381574.05	4.62e-010	-3071629.97
	76	-4.13e-010	24468.66	-5.93e-012	-381574.05	3.94e-010	-3535016.50
591	74	-3.54e-010	-22511.49	2.28e-012	-245337.18	-1.48e-010	-5105313.36
	75	3.54e-010	22511.49	-2.28e-012	245337.18	-1.64e-010	-3449081.84
592	98	-5.82e-011	-7461.85	-1.32e-013	-44974.34	4.20e-011	-2970818.47
	99	5.82e-011	7461.85	1.32e-013	44974.34	2.94e-011	-2982392.21
593	94	1.31e-010	-10896.16	4.39e-013	-39677.63	-2.94e-011	-2607221.04
	98	-1.31e-010	10896.16	-4.39e-013	39677.63	5.89e-011	-3388751.60
594	91	-3.10e-011	-6065.79	1.24e-014	-40628.66	-2.94e-011	-1817152.13
	94	3.10e-011	6065.79	-1.24e-014	40628.66	-1.48e-011	-1883261.44
595	88	7.46e-011	-9611.54	-1.60e-013	77890.23	1.09e-010	-2925512.06
	91	-7.46e-011	9611.54	1.60e-013	-77890.23	1.06e-010	-2362364.94
596	82	-7.35e-011	-9176.79	-1.99e-013	125462.18	-3.01e-011	-2908072.33
	88	7.35e-011	9176.79	1.99e-013	-125462.18	-2.89e-011	-2965092.98
597	79	-1.92e-011	-10415.57	-2.36e-013	74028.91	-1.22e-010	-2772764.99
	82	1.92e-011	10415.57	2.36e-013	-74028.91	2.92e-011	-3059966.32
598	78	-1.21e-010	-24464.04	-2.11e-012	264587.77	2.33e-010	-3055735.17
	79	1.21e-010	24464.04	2.11e-012	-264587.77	2.33e-010	-3549573.58
599	77	-8.85e-011	-23057.44	9.12e-013	-116889.54	2.32e-010	-5205493.14
	78	8.85e-011	23057.44	-9.12e-013	116889.54	2.77e-010	-3556404.95
648	122	0.00	-37.99	-7.71e-012	10086.75	-3.88e-011	-1376.87
	47	0.00	37.99	7.71e-012	-10086.75	2.28e-010	-3476.33
649	121	0.00	-5.99	3.63e-012	1114.72	4.77e-010	-571.47
	122	0.00	5.99	-3.63e-012	-1114.72	7.23e-010	-191.53
650	120	0.00	-6.53	1.51e-012	-2555.35	6.42e-011	-240.07
	121	0.00	6.53	-1.51e-012	2555.35	2.64e-010	-589.64
651	48	1.82e-011	-45.17	1.79e-012	-17283.33	-4.87e-010	-4072.31
	120	-1.82e-011	45.17	-1.79e-012	17283.33	-2.45e-010	1680.47
652	119	0.00	-101.26	2.10e-011	16703.87	1.17e-009	-1848.23
	46	0.00	101.26	-2.10e-011	-16703.87	-9.35e-011	-5801.02
653	118	3.59e-011	-29.85	2.75e-011	2769.47	-2.72e-010	-1670.44
	119	-3.59e-011	29.85	-2.75e-011	-2769.47	4.39e-010	-574.44
654	117	-3.21e-011	-31.36	-2.52e-011	-2547.46	-1.68e-009	-546.46
	118	3.21e-011	31.36	2.52e-011	2547.46	-9.82e-010	-1814.83
655	47	0.00	133.10	1.91e-011	-15745.22	4.25e-010	-6998.29
	117	0.00	-133.10	-1.91e-011	15745.22	1.14e-009	3003.68
656	116	-8.01e-012	-67.35	4.51e-012	22547.16	3.14e-010	-1458.08
	41	8.01e-012	67.35	-4.51e-012	-22547.16	1.70e-010	-5239.09
657	115	0.00	-13.59	5.58e-012	4474.80	2.64e-010	-1041.48
	116	0.00	13.59	-5.58e-012	-4474.80	1.08e-010	-312.22
658	114	0.00	-13.87	-3.55e-012	1295.19	2.31e-010	-242.74
	115	0.00	13.87	3.55e-012	-1295.19	5.76e-010	-1137.00
659	46	8.01e-012	-78.41	6.07e-012	-12808.59	4.16e-010	-5446.88
	114	-8.01e-012	78.41	-6.07e-012	12808.59	2.41e-010	2362.51
660	113	-2934.98	-6908.68	1139.44	37529.48	-2993.69	328140.64
	48	2934.98	6908.68	-1139.44	-37529.48	-106536.55	-983732.57
661	112	-1795.46	-3915.87	49.81	-125518.02	-10451.00	-219533.08
	113	1795.46	3915.87	-49.81	125518.02	-7800.03	-157270.51
662	111	-1821.69	-4753.15	-33.32	-89619.89	4105.86	-807930.89
	112	1821.69	4753.15	33.32	89619.89	-4030.68	356939.77
663	5	-2656.76	-11655.89	-356.12	170932.62	20631.50	-2152256.81

	111	2656.76	11655.89	356.12	-170932.62	13622.06	1045016.08
664	110	-3842.63	-8670.06	1566.61	44054.07	7165.65	182009.79
	47	3842.63	8670.06	-1566.61	-44054.07	-142141.25	-1000700.50
665	109	-2045.39	-3540.02	-57.73	36309.02	-7138.12	-373594.30
	110	2045.39	3540.02	57.73	-36309.02	11469.10	-66039.27
666	108	-1927.49	-5113.17	26.26	-39105.74	-3849.51	-1095521.00
	109	1927.49	5113.17	-26.26	39105.74	-2635.51	610513.07
667	4	-2921.96	-20444.72	-562.47	-42582.06	32019.21	-3285282.30
	108	2921.96	20444.72	562.47	42582.06	-21479.20	1343179.82
668	107	-2919.36	-9881.61	1714.52	-40559.44	-10646.33	147029.58
	46	2919.36	9881.61	-1714.52	40559.44	-152328.15	-1078362.70
669	106	-1798.94	-3913.80	92.51	-38560.88	-4337.02	-396965.45
	107	1798.94	3913.80	-92.51	38560.88	12675.43	-65259.69
670	105	-1932.34	-5170.89	41.08	-25003.13	4251.83	-1098684.74
	106	1932.34	5170.89	-41.08	25003.13	-1691.33	608540.10
671	3	-3192.35	-21972.25	-522.53	47252.15	30131.31	-3336865.19
	105	3192.35	21972.25	522.53	-47252.15	19530.85	1249751.89
672	104	3425.00	-8429.44	1494.95	-66422.00	-10978.42	280122.29
	41	-3425.00	8429.44	-1494.95	66422.00	-131052.28	-1079472.46
673	103	-2028.32	-4131.95	-23.39	122330.52	-8048.06	-232592.61
	104	2028.32	4131.95	23.39	-122330.52	6004.83	-168047.70
674	102	-2296.98	-4750.81	17.74	110577.44	-5510.15	-807069.08
	103	2296.98	4750.81	-17.74	-110577.44	-4216.96	356856.88
675	1	-3798.81	-13227.38	-350.95	-166328.79	17911.11	-2192729.58
	102	3798.81	13227.38	350.95	166328.79	-15460.04	936309.83
676	54	-1.65e-011	-1102.88	-2.22e-014	3560.88	-9.44e-012	-398348.39
	57	1.65e-011	1102.88	2.22e-014	-3560.88	1.14e-011	-483957.07
677	50	-3.29e-011	-10759.68	1.83e-014	-43022.83	-6.28e-012	-2406021.19
	54	3.29e-011	10759.68	-1.83e-014	43022.83	4.03e-012	-3458362.91
678	47	-2.74e-011	-11259.28	-3.47e-018	54676.11	-9.16e-012	-4161242.57
	50	2.74e-011	11259.28	3.47e-018	-54676.11	-1.72e-011	-2707668.91
679	53	4.90e-011	-4032.57	-1.54e-014	5905.79	-1.12e-011	-1488554.72
	58	-4.90e-011	4032.57	1.54e-014	-5905.79	-4.22e-012	-1747606.97
680	49	-3.42e-011	-9580.52	3.17e-014	-41103.58	-1.56e-011	-2230345.52
	53	3.42e-011	9580.52	-3.17e-014	41103.58	-9.21e-012	-2991449.63
681	46	-3.45e-011	-11283.85	-4.39e-014	53730.84	-6.10e-012	-4143604.89
	49	3.45e-011	11283.85	4.39e-014	-53730.84	-5.13e-012	-2740445.22
682	42	-1.25e-011	-8335.61	2.37e-014	-24644.40	-1.46e-011	-1854550.34
	52	1.25e-011	8335.61	-2.37e-014	24644.40	-8.39e-012	-2709290.23
683	41	-6.49e-011	-9259.76	7.32e-015	44838.09	-5.02e-012	-3429673.70
	42	6.49e-011	9259.76	-7.32e-015	-44838.09	-3.75e-012	-2219211.98
684	53	5.84e-012	-2076.53	-6.34e-013	13698.13	-2.19e-010	-392523.32
	52	-5.84e-012	2076.53	6.34e-013	-13698.13	-1.06e-010	-433167.36
685	54	-1.52e-011	-2843.18	-1.40e-012	78345.57	1.91e-010	-421121.89
	53	1.52e-011	2843.18	1.40e-012	-78345.57	7.93e-011	-431866.39
686	55	-1.09e-011	-2175.51	1.55e-013	-36097.02	-1.17e-010	-619918.90
	54	1.09e-011	2175.51	-1.55e-013	36097.02	-1.55e-010	-446504.16
687	57	-3.36e-011	-4139.98	-1.92e-012	219607.45	-1.61e-010	-596768.44
	58	3.36e-011	4139.98	1.92e-012	-219607.45	-2.62e-010	-634954.76
688	56	1.68e-011	-2238.44	2.77e-013	-132535.03	-7.98e-011	-554072.06
	57	-1.68e-011	2238.44	-2.77e-013	132535.03	2.26e-011	-492705.80

689	55	-6.25e-012	-4198.02	-5.70e-015	-6951.26	4.67e-012	-1549325.17
	56	6.25e-012	4198.02	5.70e-015	6951.26	9.72e-012	-1799961.51
690	51	3.71e-011	-9052.37	8.83e-014	22322.45	-5.67e-011	-2016597.35
	55	-3.71e-011	9052.37	-8.83e-014	-22322.45	-3.98e-011	-2964741.47
691	48	3.81e-011	-9604.25	0.00	52201.13	0.00	-3554971.58
	51	-3.81e-011	9604.25	0.00	-52201.13	0.00	-2303811.50
692	34	-35029.81	-21136.91	5358.91	-22801.89	-1116470.54	-3953253.84
	77	35029.81	21136.91	-5358.91	22801.89	-759866.31	-3444865.65
693	31	-32344.13	-20531.60	6773.83	-22801.89	-1279085.86	-3844667.16
	74	32344.13	20531.60	-6773.83	22801.89	-1091834.87	-3341580.37
694	28	-34641.02	-19894.22	7144.51	-22801.89	-1321577.38	-3749991.09
	71	34641.02	19894.22	-7144.51	22801.89	-1179117.86	-3213180.64
695	25	-7456.93	-11941.01	6939.42	-22801.89	-1298048.97	-2816308.32
	68	7456.93	11941.01	-6939.42	22801.89	-1130870.11	-1366408.20
696	22	-24676.00	-15064.69	6770.09	-22801.89	-1278646.56	-3147650.95
	65	24676.00	15064.69	-6770.09	22801.89	-1090980.35	-2126874.93
697	19	-1981.16	-10658.88	6929.72	-22801.89	-1296963.49	-2617887.20
	62	1981.16	10658.88	-6929.72	22801.89	-1128527.51	-1123881.99
698	16	-28851.96	-15678.31	5682.55	-22801.89	-1153787.28	-3173934.17
	59	28851.96	15678.31	-5682.55	22801.89	-835410.80	-2314775.75
699	35	-2438.64	-23896.24	3579.16	-22801.89	-860189.47	-4269931.38
	78	2438.64	23896.24	-3579.16	22801.89	-395090.89	-4093775.67
700	32	-3468.64	-23305.15	3949.81	-22801.89	-902924.11	-4162960.78
	75	3468.64	23305.15	-3949.81	22801.89	-481009.42	-3993864.66
701	29	-8373.51	-22694.78	5974.31	-22801.89	-1135625.39	-4071375.52
	72	8373.51	22694.78	-5974.31	22801.89	-955487.06	-3871833.48
702	26	-6254.94	-13509.13	6704.52	-22801.89	-1219455.70	-2995849.11
	69	6254.94	13509.13	-6704.52	22801.89	-1127141.23	-1735890.24
703	23	-16144.03	-19018.47	6467.30	-22801.89	-1192227.73	-3601903.00
	66	16144.03	19018.47	-6467.30	22801.89	-1071358.95	-3054913.45
704	20	-1486.42	-12298.09	6704.45	-22801.89	-1219441.81	-2807086.94
	63	1486.42	12298.09	-6704.45	22801.89	-1127134.91	-1502298.10
705	17	-22881.05	-19623.56	5489.40	-22801.89	-1079989.19	-3627112.63
	60	22881.05	19623.56	-5489.40	22801.89	-841429.28	-3241308.71
706	36	25876.78	-23307.76	4484.35	-22801.89	-928947.04	-4202409.06
	79	-25876.78	23307.76	-4484.35	22801.89	-640933.27	-3955343.30
707	33	20872.71	-22750.22	5533.11	-22801.89	-1049388.19	-4099296.81
	76	-20872.71	22750.22	-5533.11	22801.89	-887277.08	-3863310.96
708	30	22355.90	-22132.63	5656.74	-22801.89	-1063591.22	-4006880.28
	73	-22355.90	22132.63	-5656.74	22801.89	-916312.63	-3739584.38
709	27	4300.69	-12138.66	5652.35	-22801.89	-1063078.39	-2837682.99
	70	-4300.69	12138.66	-5652.35	22801.89	-915299.82	-1418139.76
710	24	41918.58	-15986.44	5512.68	-22801.89	-1047048.77	-3253509.63
	67	-41918.58	15986.44	-5512.68	22801.89	-882455.31	-2343240.56
711	21	4449.22	-10848.52	5630.73	-22801.89	-1060597.19	-2639489.27
	64	-4449.22	10848.52	-5630.73	22801.89	-910215.08	-1168782.67
712	18	38989.17	-16544.29	4626.90	-22801.89	-945208.30	-3273427.75
	61	-38989.17	16544.29	-4626.90	22801.89	-674719.11	-2518022.13
713	39	3087.22	-22599.39	2569.45	-22801.89	-638302.02	-4121120.07
	82	-3087.22	22599.39	-2569.45	22801.89	-267068.51	-3788736.35
714	38	3666.91	-21981.67	2785.65	-22801.89	-664331.12	-4011090.14

	81	-3666.91	21981.67	-2785.65	22801.89	-311653.55	-3682573.87
715	37	2613.63	-21695.53	2593.69	-22801.89	-641941.56	-3956707.48
	80	-2613.63	21695.53	-2593.69	22801.89	-268469.83	-3636809.65
716	45	-4400.29	-22434.79	-3074.41	-22801.89	629518.14	-4102249.61
	88	4400.29	22434.79	3074.41	22801.89	447336.93	-3749983.69
717	44	-2096.71	-21918.69	-3088.91	-22801.89	631336.58	-4003888.98
	87	2096.71	21918.69	3088.91	22801.89	450300.65	-3667702.21
718	43	-2092.50	-21463.33	-2984.14	-22801.89	619155.66	-3930089.02
	86	2092.50	21463.33	2984.14	22801.89	426162.69	-3582135.01
719	40	-25652.04	-18772.73	-3074.20	-22801.89	629604.40	-3594334.84
	83	25652.04	18772.73	3074.20	22801.89	446967.57	-2976430.09
720	48	4555.68	-8729.67	-1623.48	-16793.46	397917.26	-1363140.12
	91	-4555.68	8729.67	1623.48	16793.46	195968.05	-1694549.06
721	47	1679.22	-11443.57	-2279.74	-26899.87	610245.66	-1701092.61
	90	-1679.22	11443.57	2279.74	26899.87	204203.32	-2312881.21
722	46	2952.80	-11111.55	-2148.38	-26899.87	591608.63	-1652508.47
	89	-2952.80	11111.55	2148.38	26899.87	194063.02	-2246989.07
723	41	8961.85	-8174.97	-1450.96	-16793.46	377849.53	-1253661.23
	84	-8961.85	8174.97	1450.96	16793.46	148739.58	-1612022.72
724	51	-7606.73	-11860.16	-645.50	-16793.46	160985.87	-2119320.57
	94	7606.73	11860.16	645.50	16793.46	140461.35	-2031807.72
725	50	-3095.14	-16595.64	-842.37	-26899.87	254760.56	-3015309.23
	93	3095.14	16595.64	842.37	26899.87	113583.51	-2793253.29
726	49	-4726.77	-16065.46	-793.91	-26899.87	248684.88	-2911554.95
	92	4726.77	16065.46	793.91	26899.87	122520.39	-2711452.45
727	42	-8097.87	-10637.69	-596.20	-16793.46	178917.89	-1910553.29
	85	8097.87	10637.69	596.20	16793.46	97081.27	-1812698.34
728	55	12546.21	-15326.90	-3150.19	-53739.06	770584.58	-2721389.74
	98	-12546.21	15326.90	3150.19	53739.06	1011798.98	-2645062.71
729	54	4463.63	-13122.00	-2980.43	-26899.87	553366.54	-2137622.04
	97	-4463.63	13122.00	2980.43	26899.87	491258.32	-2456855.08
730	53	5055.99	-13453.42	-2715.39	-26899.87	519956.73	-2267023.71
	96	-5055.99	13453.42	2715.39	26899.87	433226.65	-2443087.32
731	52	13666.23	-7080.06	-1329.83	-16793.46	271371.00	-1259233.85
	95	-13666.23	7080.06	1329.83	16793.46	202944.33	-1220401.81
732	56	17150.67	-5777.98	-1313.56	-16793.46	244662.68	-924833.82
	99	-17150.67	5777.98	1313.56	16793.46	232204.95	-1101290.26
733	57	15880.64	-5044.54	-2893.00	-26899.87	523324.11	-664976.28
	100	-15880.64	5044.54	2893.00	26899.87	491576.86	-1131140.75
734	58	8500.09	-4874.30	-1527.73	-16793.46	285190.40	-790245.23
	101	-8500.09	4874.30	1527.73	16793.46	256187.25	-921585.17
735	15	14327.08	-6567.10	-2393.71	-16815.52	503757.43	-1694659.96
	58	-14327.08	6567.10	2393.71	16815.52	406554.99	-807261.39
736	14	16761.36	-6448.80	-3785.21	-25629.50	782437.26	-2135086.81
	57	-16761.36	6448.80	3785.21	25629.50	656919.37	-409430.58
737	13	21388.02	-6549.30	-2218.74	-16815.52	482027.71	-1701615.46
	56	-21388.02	6549.30	2218.74	16815.52	361821.78	-792115.62
738	9	21551.25	-9288.41	-1267.55	-16815.52	279516.23	-2032832.02
	52	-21551.25	9288.41	1267.55	16815.52	203686.42	-1497847.27
739	10	10642.14	-13877.66	-2165.05	-25629.50	453714.42	-3058839.36
	53	-10642.14	13877.66	2165.05	25629.50	370590.54	-2216191.95

740	11	13902.81	-12655.30	-2220.16	-25629.50	460510.01	-2910975.06
	54	-13902.81	12655.30	2220.16	25629.50	384723.59	-1900554.04
741	12	17932.52	-11422.70	-3657.58	-33593.10	1012204.51	-2535190.50
	55	-17932.52	11422.70	3657.58	33593.10	537954.99	-1807019.16
742	2	-7280.19	-12076.71	-497.07	-16815.52	102100.10	-2380193.90
	42	7280.19	12076.71	497.07	16815.52	-124999.00	-2209074.28
743	6	-3278.78	-11667.86	-647.71	-16815.52	111316.59	-2330860.59
	49	3278.78	11667.86	647.71	16815.52	-168324.99	-2103214.34
744	7	-2713.45	-11801.08	-665.02	-16815.52	113190.71	-2350026.00
	50	2713.45	11801.08	665.02	16815.52	-172266.65	-2134605.50
745	8	-7158.88	-12181.30	-588.11	-16815.52	104291.70	-2404273.29
	51	7158.88	12181.30	588.11	16815.52	-155856.25	-2224679.25

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-3.91	14.60	-2.10	-86.13	-115.98	-152.33
	472	-3.23	25.10	7.49	-55.40	-68.84	-250.87
	473	0.15	25.31	0.68	-574.93	-349.10	-237.03
	382	-0.76	14.81	-8.95	135.34	-206.58	-158.81
105	378	0.48	17.70	2.00	-23.90	-57.99	-108.97
	467	0.86	23.62	-0.31	4.29	-58.00	-117.66
	472	-3.34	23.35	1.00	18.89	-131.90	-149.77
	381	-3.73	17.43	3.31	-53.71	-75.93	-140.37
106	377	-0.41	14.14	2.78	-10.59	-53.91	-81.17
	466	5.51e-002	21.32	1.19	1.14	-67.97	-80.95
	467	0.72	21.37	0.11	2.56	-71.68	-103.41
	378	0.25	14.18	1.70	-21.73	-49.13	-103.33
107	374	-0.10	12.14	2.57	-8.27	-55.14	49.17
	465	0.29	18.09	1.06	-0.39	-71.85	48.71
	466	-0.16	18.07	1.50	0.77	-68.60	-70.40
	377	-0.54	12.11	3.01	-10.26	-52.85	-70.76
108	373	-6.64e-002	9.63	2.87	-8.31	-55.93	21.82
	464	0.25	14.54	1.11	-0.25	-72.81	21.57
	465	5.72e-002	14.52	0.91	0.37	-71.34	38.42
	374	-0.26	9.62	2.67	-8.19	-55.27	38.63
109	370	-2.09e-002	7.32	2.77	-8.39	-55.92	33.37
	459	0.22	10.99	1.05	-0.25	-72.57	33.35
	464	2.07e-002	10.97	1.13	-0.28	-72.61	19.62
	373	-0.22	7.31	2.85	-8.30	-55.98	19.70
110	369	1.50e-002	4.95	2.81	-8.29	-55.32	66.21
	458	0.18	7.44	1.07	-0.26	-71.60	66.20
	459	-1.41e-002	7.43	1.04	-0.25	-72.66	43.48
	370	-0.18	4.94	2.78	-8.42	-55.82	43.50
111	366	5.45e-002	2.59	2.80	-7.99	-54.16	100.91
	457	0.14	3.90	1.07	-0.27	-69.88	100.87
	458	-5.46e-002	3.88	1.07	-0.23	-71.91	77.47
	369	-0.14	2.58	2.80	-8.35	-55.08	77.52
112	365	9.22e-002	0.25	2.78	-7.40	-52.18	135.15
	456	0.10	0.37	1.04	-0.30	-67.01	135.06
	457	-9.23e-002	0.36	1.07	-0.22	-70.44	112.14
	366	-0.10	0.24	2.81	-8.09	-53.76	112.23
113	303	0.13	-2.14	2.86	-6.39	-48.43	167.86
	453	6.21e-002	-3.20	1.13	-0.34	-61.79	167.71
	456	-0.13	-3.21	1.05	-0.21	-67.90	146.00
	365	-6.27e-002	-2.15	2.77	-7.56	-51.49	146.14
114	300	0.18	-4.45	2.66	-5.43	-40.26	197.69
	452	3.22e-002	-6.75	0.90	-0.45	-51.13	197.59
	453	-0.17	-6.76	1.12	-0.30	-63.10	178.01

	303	-2.02e-002	-4.46	2.88	-6.75	-47.08	178.12
115	299	0.38	-6.94	3.07	-8.22	-20.92	222.46
	451	0.16	-10.28	1.52	-1.21	-27.54	223.08
	452	-0.20	-10.31	1.01	-0.95	-52.70	207.01
	300	1.82e-002	-6.97	2.55	-6.40	-37.06	206.40
116	296	-0.67	-9.06	1.76	-21.31	28.77	237.18
	450	-0.97	-13.64	6.48e-002	-8.20	35.39	241.12
	451	-5.00e-002	-13.58	1.25	-4.11	-29.24	232.12
	299	0.25	-9.00	3.06	-10.89	-12.04	228.29
117	295	3.89	-11.47	5.22	-38.50	139.92	217.59
	449	3.55	-16.72	2.16	-44.75	216.39	227.87
	450	-1.19	-17.03	-0.63	-16.20	19.34	251.12
	296	-0.85	-11.77	2.43	-29.20	61.72	241.22
118	245	-1.47	-7.91	-9.00	-350.44	350.49	-56.19
	255	-2.43	-23.29	3.51	202.24	808.27	69.56
	449	3.15	-22.93	12.49	-63.36	48.70	206.30
	295	4.15	-7.55	-0.14	-73.85	232.32	177.48
119	290	-6.25	22.48	-0.19	48.55	-83.13	-140.63
	381	-6.77	14.41	3.75	-57.91	-108.38	-144.37
	382	3.77	15.10	-17.33	-390.70	-179.04	-158.64
	293	4.29	23.17	-21.26	367.66	-145.63	-155.01
120	289	-0.35	12.86	-0.66	19.32	-27.09	-111.83
	378	-3.77e-002	17.67	0.93	-25.28	-52.58	-110.81
	381	-6.59	17.24	9.15	42.70	-58.62	-117.95
	290	-6.90	12.44	7.56	-56.55	-48.01	-117.90
121	286	-0.35	7.35	5.42	-8.83	-28.13	-83.41
	377	0.10	14.17	4.12	-9.83	-45.78	-81.90
	378	-0.26	14.15	0.62	-13.42	-40.62	-100.22
	289	-0.71	7.33	1.91	-20.23	-30.20	-101.46
122	285	-7.66e-002	6.10	3.38	-7.26	-29.97	50.33
	374	0.32	12.17	3.10	-4.40	-46.52	49.45
	377	-3.52e-002	12.15	4.35	-5.43	-44.65	-71.07
	286	-0.43	6.08	4.63	-8.89	-29.18	-71.82
123	265	-0.11	4.81	4.03	-7.30	-30.44	22.38
	373	0.20	9.65	3.64	-3.29	-47.17	21.92
	374	0.15	9.65	3.20	-3.54	-46.69	39.03
	285	-0.16	4.81	3.59	-7.11	-30.08	39.41
124	264	-5.68e-002	3.66	3.79	-7.33	-30.38	33.33
	370	0.18	7.34	3.47	-3.30	-47.17	33.29
	373	4.90e-002	7.33	3.63	-3.28	-47.23	19.94
	265	-0.19	3.65	3.95	-7.28	-30.42	20.08
125	263	-2.49e-002	2.47	3.87	-7.22	-30.03	66.18
	369	0.14	4.96	3.53	-3.34	-46.69	66.15
	370	2.72e-002	4.95	3.48	-3.23	-47.06	43.65
	264	-0.13	2.46	3.82	-7.43	-30.33	43.68
126	262	1.72e-002	1.30	3.86	-6.92	-29.39	100.99
	366	0.10	2.60	3.52	-3.28	-45.74	100.92
	369	-1.73e-002	2.59	3.53	-3.11	-46.41	77.68
	263	-0.10	1.29	3.86	-7.41	-29.94	77.75
127	261	5.08e-002	0.13	3.82	-6.32	-28.27	135.41
	365	5.82e-002	0.25	3.48	-3.12	-44.10	135.26
	366	-5.24e-002	0.24	3.53	-2.84	-45.27	112.43
	262	-5.98e-002	0.12	3.87	-7.23	-29.27	112.58
128	260	0.10	-1.07	3.94	-5.26	-26.08	168.32
	303	3.27e-002	-2.14	3.62	-2.93	-40.96	168.07
	365	-0.10	-2.15	3.47	-2.36	-43.30	146.40
	261	-2.68e-002	-1.07	3.80	-6.89	-28.10	146.65

129	259	8.79e-002	-2.23	3.59	-4.08	-20.93	197.88
	300	-5.74e-002	-4.47	3.21	-3.56	-33.95	197.72
	303	-0.12	-4.47	3.64	-1.83	-39.41	178.50
	260	2.66e-002	-2.24	4.02	-6.53	-25.74	178.67
130	258	0.32	-3.46	4.62	-6.84	-8.01	219.82
	299	0.10	-6.96	4.33	-8.98	-17.10	221.00
	300	-0.22	-6.98	3.11	-3.06	-30.24	207.03
	259	7.04e-003	-3.48	3.40	-7.60	-20.13	205.86
131	257	0.42	-4.68	1.83	-24.22	30.06	223.72
	296	0.14	-9.00	0.90	-34.05	25.95	231.85
	299	-3.78e-002	-9.01	4.33	-9.92	7.31	229.07
	258	0.24	-4.69	5.25	-17.07	6.48	220.99
132	256	4.76	-8.59	7.34	-82.81	98.77	181.41
	295	4.57	-11.42	9.59	-138.63	105.14	214.01
	296	-3.40e-002	-11.72	1.57	-36.95	72.59	240.54
	257	0.15	-8.89	-0.69	-58.96	43.19	207.96
133	235	-1.61	-14.81	-20.55	-436.21	-90.30	-62.17
	245	-1.20	-7.89	-14.43	-75.51	264.42	61.58
	295	4.83	-7.51	4.36	-104.38	200.56	175.75
	256	4.38	-14.42	-1.76	-170.47	228.74	132.17
134	471	5.19	0.34	52.34	42.40	-58.42	-233.95
	290	6.68	23.32	7.92	83.45	-59.27	-144.40
	293	6.49	23.31	-37.00	-174.79	120.71	-147.65
	200	4.99	0.32	7.42	581.33	90.20	-216.54
135	470	-0.57	-3.72e-002	1.16	4.43	-5.93	-119.66
	289	0.27	12.90	-1.31	19.95	-20.83	-110.76
	290	6.03	13.28	15.67	41.16	-32.77	-135.37
	471	5.19	0.34	18.14	-19.84	-7.06	-144.13
136	229	-0.36	-2.35e-002	6.85	1.86	-4.34	-84.43
	286	0.12	7.38	6.30	-7.10	-19.39	-83.29
	289	-9.17e-002	7.37	1.26	12.01	-22.24	-105.32
	470	-0.57	-3.72e-002	1.81	-5.81	-4.42	-106.41
137	469	-0.15	-9.77e-003	3.83	-1.29	-4.42	50.81
	285	0.25	6.12	3.70	-2.81	-20.95	50.41
	286	3.67e-002	6.11	5.52	4.59	-20.75	-72.62
	229	-0.36	-2.35e-002	5.64	-2.18	-4.23	-72.97
138	468	-0.15	-9.96e-003	4.73	-1.19	-4.46	22.62
	265	0.16	4.83	4.54	-1.38	-21.36	22.41
	285	0.16	4.83	3.91	-2.08	-21.19	39.65
	469	-0.15	-9.77e-003	4.11	-1.15	-4.37	39.83
139	228	-0.10	-6.17e-003	4.42	-1.14	-4.44	33.23
	264	0.14	3.67	4.24	-1.08	-21.33	33.22
	265	8.59e-002	3.67	4.45	-1.29	-21.37	20.23
	468	-0.15	-9.96e-003	4.64	-1.15	-4.43	20.30
140	463	-6.32e-002	-4.10e-003	4.53	-1.08	-4.38	66.07
	263	0.10	2.48	4.33	-1.05	-21.10	66.07
	264	6.64e-002	2.48	4.26	-1.06	-21.29	43.79
	228	-0.10	-6.17e-003	4.46	-1.23	-4.43	43.80
141	462	-2.15e-002	-1.39e-003	4.51	-0.97	-4.28	100.91
	262	6.31e-002	1.30	4.32	-1.03	-20.66	100.89
	263	2.14e-002	1.30	4.32	-0.96	-21.01	77.87
	463	-6.32e-002	-4.10e-003	4.51	-1.27	-4.38	77.89
142	227	1.11e-002	7.24e-004	4.46	-0.74	-4.10	135.38
	261	1.86e-002	0.12	4.27	-1.04	-19.90	135.33
	262	-1.40e-002	0.12	4.33	-0.86	-20.52	112.70
	462	-2.15e-002	-1.39e-003	4.52	-1.30	-4.29	112.75
143	461	6.85e-002	4.45e-003	4.63	0.20	-3.75	168.24

	260	-2.09e-003	-1.07	4.44	-1.37	-18.38	168.18
	261	-5.89e-002	-1.08	4.24	-0.79	-19.66	146.78
	227	1.11e-002	7.24e-004	4.43	-1.36	-4.13	146.84
144	460	6.65e-002	4.32e-003	4.14	1.51	-2.95	197.09
	259	-7.95e-002	-2.24	3.95	-3.45	-14.74	197.16
	260	-7.75e-002	-2.24	4.52	-1.12	-17.92	178.86
	461	6.85e-002	4.45e-003	4.71	-1.64	-3.79	178.79
145	226	0.22	1.41e-002	5.54	5.54	-1.04	215.14
	258	-1.07e-002	-3.49	5.38	-12.41	5.41	216.11
	259	-0.16	-3.50	3.76	-2.36	-13.78	206.25
	460	6.65e-002	4.32e-003	3.92	-2.87	-2.89	205.27
146	455	0.45	2.91e-002	1.98	11.86	3.72	203.30
	257	0.14	-4.70	1.50	-44.39	24.54	208.51
	258	-9.00e-002	-4.71	6.01	-8.06	4.09	221.73
	226	0.22	1.41e-002	6.50	-7.57	1.14	216.35
147	454	-6.67	-0.43	15.50	-15.19	8.61	124.69
	256	-7.25	-9.37	13.55	-145.17	74.64	143.18
	257	-0.13	-8.91	-1.03	-38.26	34.73	206.50
	455	0.45	2.91e-002	0.93	-23.88	11.34	183.95
148	197	-0.86	-5.62e-002	5.58	-568.22	-85.67	-135.46
	235	-1.68	-14.81	-37.53	-139.62	-97.84	57.72
	256	-7.63	-15.20	4.45	-164.21	187.73	109.81
	454	-6.67	-0.43	47.55	-90.96	80.01	-98.81
149	244	-4.17	4.43	-0.32	-76.15	193.97	-269.44
	254	-3.32	17.54	11.60	-63.86	-36.99	-299.78
	255	0.70	17.78	2.75	-174.73	704.66	-171.28
	245	0.81	4.67	-9.15	-336.85	-295.77	-141.37
150	243	0.97	8.39	2.47	-29.99	45.62	-315.71
	253	1.21	12.19	-0.64	-16.29	-5.66	-325.85
	254	-3.69	11.87	2.03	-40.11	-176.42	-312.72
	244	-3.93	8.07	5.13	-36.60	114.36	-302.39
151	242	-0.18	5.76	2.94	-12.23	-19.69	-295.77
	252	2.00e-002	8.78	1.16	-3.94	-38.32	-299.66
	253	0.99	8.84	-9.12e-002	-6.93	-18.01	-313.62
	243	0.80	5.82	1.69	-21.00	-16.36	-309.67
152	241	2.46e-002	3.85	2.39	-8.21	-42.90	-269.12
	251	0.14	5.63	0.94	-0.74	-60.00	-269.73
	252	-0.19	5.61	1.48	0.74	-36.94	-289.12
	242	-0.31	3.83	2.92	-9.07	-27.91	-288.50
153	240	6.51e-002	1.45	2.78	-9.11	-51.87	-236.55
	250	0.12	2.25	1.12	8.18e-002	-69.99	-236.32
	251	-8.07e-002	2.23	0.82	0.16	-58.19	-258.96
	241	-0.13	1.44	2.48	-7.14	-45.74	-259.19
154	239	0.12	-0.72	2.49	-12.76	-54.93	-199.38
	249	9.11e-002	-1.16	0.83	0.56	-75.18	-198.66
	250	-0.11	-1.17	1.12	-0.28	-67.57	-224.50
	240	-7.66e-002	-0.74	2.77	-8.88	-53.19	-225.22
155	238	0.30	-3.11	2.89	-24.24	-53.85	-156.27
	248	0.21	-4.54	1.44	1.35	-80.30	-154.03
	249	-0.13	-4.56	0.96	-0.95	-70.57	-185.34
	239	-3.74e-002	-3.14	2.40	-13.25	-55.80	-187.60
156	237	-0.72	-5.10	1.77	-58.36	-48.52	100.01
	247	-0.90	-7.78	4.72e-002	1.37	-93.45	92.89
	248	8.93e-003	-7.73	1.14	-3.67	-67.92	-136.92
	238	0.18	-5.04	2.86	-26.54	-54.39	-144.44
157	236	3.68	-7.48	4.63	-127.68	-53.62	39.70
	246	3.48	-10.65	1.66	-41.86	-122.78	44.02

	247	-1.10	-10.95	-0.48	-14.95	-65.09	64.60
	237	-0.89	-7.77	2.49	-67.67	-46.15	85.63
158	433	0.32	-5.03	-8.34	-224.64	-199.13	66.60
	443	-0.91	-15.11	1.63	-538.49	-113.29	126.60
	246	3.21	-14.85	9.60	-96.40	-130.83	145.01
	236	3.86	-4.77	-0.37	-198.11	-41.73	43.99
159	234	-4.59	12.77	-1.93	-166.14	211.31	-216.49
	244	-5.13	4.37	4.16	-104.47	170.76	-265.40
	245	0.58	4.68	-14.58	-67.38	-218.24	-148.26
	235	0.59	13.09	-20.66	-429.44	-77.90	-102.66
160	233	-0.13	7.05	-1.07	-58.17	34.24	-280.74
	243	-4.39e-002	8.32	1.51	-36.17	57.40	-314.48
	244	-4.90	8.01	9.58	-133.66	85.30	-295.16
	234	-4.98	6.73	7.00	-80.94	84.06	-261.28
161	232	-0.18	3.05	5.03	-17.91	-10.20	-288.00
	242	-4.51e-003	5.77	4.16	-9.34	-12.96	-296.32
	243	-0.21	5.76	0.74	-33.27	15.77	-303.06
	233	-0.39	3.03	1.60	-22.60	22.80	-294.72
162	231	4.00e-002	1.92	3.14	-9.07	-23.23	-268.49
	241	0.17	3.86	2.89	-3.09	-35.12	-269.78
	242	-0.12	3.84	4.15	-9.18	-22.83	-286.55
	232	-0.25	1.90	4.40	-6.96	-11.59	-285.26
163	230	3.01e-002	0.73	3.87	-8.54	-28.08	-237.73
	240	7.68e-002	1.45	3.54	-2.89	-43.20	-237.40
	241	9.39e-003	1.44	2.98	-4.31	-38.47	-259.00
	231	-3.77e-002	0.73	3.31	-5.54	-23.83	-259.33
164	477	2.56e-002	-0.37	3.32	-11.22	-29.15	-202.69
	239	-2.72e-003	-0.73	2.99	-5.74	-45.52	-201.46
	240	-6.49e-002	-0.74	3.54	-4.74	-44.78	-225.33
	230	-4.14e-002	-0.37	3.87	-7.73	-28.23	-226.56
165	476	0.23	-1.54	4.36	-21.10	-26.53	-166.64
	238	0.13	-3.12	4.10	-14.85	-43.28	-162.64
	239	-0.15	-3.14	2.91	-9.25	-46.56	-187.70
	477	-5.22e-002	-1.56	3.16	-12.59	-28.75	-191.69
166	475	0.40	-2.68	1.73	-54.94	-18.30	-132.01
	237	0.24	-5.03	0.83	-46.55	-35.49	-118.33
	238	4.19e-003	-5.05	4.08	-25.06	-43.61	-144.85
	476	0.15	-2.70	4.98	-27.52	-24.74	-158.62
167	474	5.40	-6.45	6.77	-156.93	-20.19	105.25
	236	5.34	-7.37	9.18	-161.34	-43.13	64.43
	237	7.12e-002	-7.71	1.55	-75.94	-28.95	88.51
	475	0.13	-6.79	-0.86	-77.16	-11.61	-133.23
168	423	-0.40	-13.30	-19.56	-221.06	-216.80	100.37
	433	0.26	-5.01	-13.52	-445.17	-222.25	65.82
	236	5.52	-4.66	4.20	-192.31	-52.72	45.25
	474	4.98	-12.95	-1.84	-196.78	57.00	90.29
169	448	7.21	0.47	47.96	-89.44	75.61	98.17
	234	8.07	13.59	4.08	-159.21	177.52	-191.25
	235	0.67	13.09	-37.64	-143.42	-96.40	-127.50
	197	-0.86	-5.62e-002	6.24	-560.38	-84.92	65.37
170	225	-0.33	-2.15e-002	0.73	-22.71	9.49	-255.84
	233	0.13	7.06	-1.42	-36.82	27.71	-278.92
	234	7.68	7.55	13.01	-139.31	64.51	-218.89
	448	7.21	0.47	15.16	-11.99	-7.00	-196.75
171	447	-0.16	-1.07e-002	6.18	-7.48	1.09	-283.18
	232	3.57e-002	3.06	5.74	-7.48	-6.54	-288.56
	233	-0.13	3.05	1.25	-42.74	19.30	-278.83

	225	-0.33	-2.15e-002	1.69	11.41	2.79	-273.50
172	224	-1.92e-002	-1.25e-003	3.62	-3.13	-3.37	-267.92
	231	0.11	1.92	3.46	-2.16	-15.94	-268.91
	232	-3.98e-002	1.91	5.11	-12.01	-7.71	-281.33
	447	-0.16	-1.07e-002	5.27	4.97	-1.57	-280.34
173	446	-6.43e-003	-4.18e-004	4.56	-1.87	-4.17	-238.31
	230	4.11e-002	0.73	4.38	-1.80	-19.46	-238.27
	231	2.83e-002	0.73	3.63	-3.70	-16.68	-258.47
	224	-1.92e-002	-1.25e-003	3.82	-0.96	-3.39	-258.51
174	223	8.42e-003	5.47e-004	3.83	-1.21	-4.36	-204.79
	477	-1.58e-002	-0.37	3.64	-4.78	-20.11	-204.19
	230	-3.05e-002	-0.37	4.37	-2.59	-19.76	-226.30
	446	-6.43e-003	-4.18e-004	4.56	-1.00e+000	-4.04	-226.89
175	445	0.16	1.04e-002	5.23	-0.66	-4.14	-173.79
	476	5.88e-002	-1.55	5.08	-15.29	-17.67	-171.70
	477	-9.33e-002	-1.56	3.48	-5.48	-19.98	-191.38
	223	8.42e-003	5.47e-004	3.63	-2.78	-3.97	-193.44
176	222	0.32	2.05e-002	1.79	-3.14	-3.81	-155.71
	475	0.14	-2.70	1.37	-46.86	-10.61	-148.38
	476	-1.70e-002	-2.71	5.70	-17.15	-16.96	-158.18
	445	0.16	1.04e-002	6.13	-6.98	2.80	-165.40
177	444	-6.93	-0.45	15.08	-38.13	-9.32	-164.42
	474	-7.37	-7.28	12.83	-117.05	-7.95	-141.90
	475	-0.13	-6.81	-1.23	-56.74	-8.07	-135.41
	222	0.32	2.05e-002	1.03	-18.26	4.69	-157.66
178	193	0.97	6.29e-002	7.36	-245.54	-71.65	150.28
	423	0.22	-13.27	-35.67	-350.72	-209.70	91.21
	474	-7.79	-13.78	4.22	-178.72	77.80	113.44
	444	-6.93	-0.45	47.25	-52.78	27.36	-191.69
229	432	-4.83	7.15	-0.56	-141.93	254.01	331.65
	442	-4.17	17.27	9.92	-155.53	-99.47	-428.16
	443	1.27	17.62	1.96	195.97	916.94	220.17
	433	0.64	7.50	-8.52	-415.98	314.59	129.12
230	431	1.04	9.68	2.67	-44.13	28.44	361.43
	441	1.32	13.93	-0.39	-24.71	80.52	370.53
	442	-4.42	13.56	1.74	-40.81	177.04	371.74
	432	-4.69	9.30	4.80	-57.13	106.35	362.42
231	430	-8.31e-002	6.98	2.94	-20.91	82.09	303.95
	440	0.16	10.68	0.99	-2.89	119.86	305.86
	441	1.11	10.74	-0.14	-3.83	49.12	344.82
	431	0.87	7.04	1.82	-25.37	39.30	342.88
232	429	-2.73e-002	5.11	2.30	17.00	106.10	-233.94
	439	0.13	7.52	1.01	-2.39	141.59	-233.70
	440	-4.94e-002	7.51	1.52	-3.06	111.69	281.09
	430	-0.21	5.09	2.81	-14.37	87.90	281.34
233	428	4.49e-002	2.76	2.66	16.90	114.89	-159.95
	438	0.14	4.22	1.15	-3.41	149.85	-159.63
	439	-8.59e-002	4.21	0.88	-3.80	137.42	-208.32
	429	-0.18	2.75	2.39	14.93	107.88	-208.65
234	427	0.11	0.64	2.43	15.51	116.89	-96.63
	437	0.13	0.90	0.92	-3.44	149.61	-96.52
	438	-7.91e-002	0.88	1.13	-3.85	148.62	-135.78
	428	-9.49e-002	0.63	2.65	16.16	115.29	-135.80
235	426	0.22	-1.72	2.66	-9.97	111.83	-83.54
	436	0.17	-2.46	1.39	-2.59	138.09	-82.82
	437	-8.61e-002	-2.48	1.12	-3.46	152.73	-83.81
	427	-3.82e-002	-1.74	2.38	15.31	116.00	-83.87

236	425	-0.88	-3.61	2.24	-11.82	90.10	-121.71
	435	-1.02	-5.77	0.47	0.80	100.20	-118.58
	436	-3.64e-002	-5.71	0.81	-2.23	150.09	-93.86
	426	0.10	-3.55	2.58	-10.42	108.83	-96.45
237	424	2.92	-6.25	3.06	-49.39	-34.69	-142.46
	434	2.79	-8.18	-0.18	-1.04	-54.46	-134.54
	435	-1.19	-8.44	0.33	2.22	130.79	-131.78
	425	-1.07	-6.51	3.57	-7.86	83.94	-139.48
238	403	-0.45	-7.78	-3.49	-36.75	-230.73	-87.77
	413	-0.35	-6.14	-3.32	-67.19	-348.11	-76.82
	434	2.94	-5.93	-0.94	13.64	-61.33	-126.74
	424	2.83	-7.56	-1.12	-32.33	-37.79	-137.71
239	422	-4.80	13.26	-1.92	-185.84	221.05	260.57
	432	-5.20	7.13	4.38	-130.11	243.52	319.71
	433	1.02	7.53	-13.70	-259.69	-213.24	163.40
	423	1.41	13.67	-20.01	-336.45	-118.08	111.04
240	421	-0.44	7.24	-1.61	-67.78	19.92	328.28
	431	-0.28	9.59	1.59	-40.10	30.66	358.96
	432	-5.06	9.28	9.74	-174.22	75.97	343.14
	422	-5.21	6.93	6.54	-74.37	68.18	312.49
241	420	-0.14	3.67	4.72	-24.61	45.33	298.34
	430	7.62e-002	6.99	4.03	-8.80	65.06	303.81
	431	-0.46	6.96	0.74	-36.98	32.68	334.92
	421	-0.67	3.64	1.43	-18.31	17.46	329.47
242	419	1.57e-002	2.50	2.93	16.12	58.23	-233.78
	429	0.19	5.12	2.75	-4.45	87.68	-234.13
	430	-4.66e-002	5.11	3.90	-6.79	73.14	279.71
	420	-0.22	2.49	4.08	-8.42	44.43	279.38
243	418	1.10e-002	1.39	3.57	14.82	62.67	-160.15
	428	0.10	2.77	3.33	-3.40	95.70	-159.95
	429	3.22e-002	2.76	2.84	-2.12	90.22	-208.65
	419	-5.73e-002	1.39	3.09	11.05	57.93	-208.85
244	417	-1.32e-002	0.31	3.12	13.09	63.72	-96.42
	427	7.80e-003	0.64	2.86	-3.12	97.88	-96.42
	428	-3.97e-002	0.63	3.31	-2.89	96.32	-135.91
	418	-5.99e-002	0.31	3.58	13.15	62.73	-135.79
245	416	0.13	-0.83	3.97	-7.73	61.28	-86.12
	426	7.08e-002	-1.73	3.80	-4.26	94.58	-85.22
	427	-0.15	-1.75	2.81	-5.34	96.59	-83.93
	417	-8.76e-002	-0.85	2.98	12.97	63.63	-83.89
246	415	0.71	-1.81	1.86	-15.88	50.67	-132.36
	425	0.60	-3.52	0.94	-7.89	78.44	-128.22
	426	-4.82e-002	-3.56	3.72	-12.28	89.96	-96.98
	416	6.24e-002	-1.86	4.64	-9.24	60.43	-100.38
247	414	8.02	-5.68	5.10	-75.04	-19.82	-165.45
	424	8.00	-5.92	8.95	-15.56	-30.25	-152.96
	425	0.41	-6.42	2.28	-30.48	68.52	-141.32
	415	0.42	-6.18	-1.57	-7.71	47.76	-153.46
248	393	-1.20	-14.45	-17.00	-121.63	-164.10	-101.36
	403	-0.76	-7.80	-10.10	-51.22	-203.36	-87.70
	424	7.92	-7.23	4.76	-64.02	-30.92	-142.51
	414	7.49	-13.89	-2.14	-31.08	23.11	-156.35
249	383	9.16	0.60	46.84	-78.55	47.11	200.47
	422	10.05	14.23	2.83	-130.71	181.71	238.60
	423	1.84	13.69	-36.12	-229.81	-111.82	133.31
	193	0.97	6.29e-002	7.90	-315.78	-51.57	107.98
250	221	-0.12	-7.93e-003	1.30	-26.75	4.79	307.03

	421	0.35	7.29	-1.70	-32.74	15.84	323.06
	422	9.64	7.89	11.29	-146.96	49.38	279.42
	383	9.16	0.60	14.29	-31.57	8.52	264.35
251	380	-0.22	-1.42e-002	5.56	-11.64	6.60	293.94
	420	2.21e-002	3.68	5.29	-8.15	30.57	297.64
	421	0.12	3.69	1.35	-43.43	13.28	314.66
	221	-0.12	-7.93e-003	1.62	18.06	2.34	311.05
252	220	-4.10e-002	-2.66e-003	3.40	7.57	8.84	233.25
	419	0.12	2.51	3.23	-7.72	39.94	-233.72
	420	-5.53e-002	2.50	4.65	-8.57	30.53	275.67
	380	-0.22	-1.42e-002	4.82	4.40	6.36	275.21
253	379	-2.82e-002	-1.83e-003	4.23	6.49	9.49	-160.09
	418	6.25e-002	1.39	4.02	-7.57	43.17	-160.10
	419	4.97e-002	1.39	3.38	-4.63	40.10	-208.10
	220	-4.10e-002	-2.66e-003	3.59	2.66	8.60	-208.09
254	219	3.62e-003	2.35e-004	3.60	5.66	9.58	-96.23
	417	1.75e-002	0.32	3.38	-7.67	44.09	-96.28
	418	-8.56e-003	0.31	4.02	-6.54	43.36	-135.60
	379	-2.82e-002	-1.83e-003	4.24	4.82	9.44	-135.50
255	376	0.17	1.13e-002	4.78	-3.68	9.05	-87.18
	416	0.12	-0.83	4.68	-8.76	42.81	-86.81
	417	-5.74e-002	-0.85	3.24	-8.67	43.83	-83.78
	219	3.62e-003	2.35e-004	3.33	5.59	9.71	-83.73
256	218	-0.18	-1.14e-002	1.53	-5.22	7.00	-137.79
	415	-0.30	-1.88	1.19	-11.21	36.73	-136.03
	416	5.22e-002	-1.86	5.35	-13.82	41.17	-100.24
	376	0.17	1.13e-002	5.70	5.85	9.56	-101.69
257	375	-8.57	-0.56	15.65	-32.66	-3.09	-181.18
	414	-8.98	-6.79	11.84	-10.58	-16.88	-176.26
	415	-0.58	-6.24	-2.25	-28.07	30.66	-153.16
	218	-0.18	-1.14e-002	1.56	6.44	8.59	-157.94
258	190	-0.29	-1.90e-002	11.37	-198.44	-49.03	-139.28
	393	-1.23	-14.46	-34.66	-80.16	-138.14	-92.83
	414	-9.51	-14.99	4.60	-78.68	27.84	-158.78
	375	-8.57	-0.56	50.63	-6.59	15.28	-205.90
259	402	-2.44	5.93	-1.75	-23.93	-92.98	112.10
	412	-2.62	3.17	-1.31	-10.97	-82.74	112.07
	413	0.27	3.36	-3.23	-76.35	-119.52	71.00
	403	0.45	6.11	-3.67	-113.98	-81.04	70.93
260	401	0.76	5.76	2.73	-9.53	-114.13	173.22
	411	0.82	6.56	0.36	-5.06	142.40	177.22
	412	-2.41	6.35	-0.56	-8.30	-116.30	137.66
	402	-2.47	5.55	1.81	-25.27	-88.36	133.63
261	400	-0.25	3.09	1.99	-9.87	117.54	240.13
	410	-0.12	5.00	0.87	-2.01	152.96	242.38
	411	0.72	5.05	0.66	1.64	-137.85	197.40
	401	0.59	3.14	1.78	-9.80	111.69	195.17
262	399	4.61e-002	1.83	2.09	-12.30	116.88	314.66
	409	0.10	2.62	1.07	-0.99	151.25	315.28
	410	-0.28	2.59	1.25	0.55	149.33	266.16
	400	-0.33	1.80	2.27	-10.09	117.37	265.55
263	398	6.48e-002	0.11	2.28	11.12	111.70	389.48
	408	6.91e-002	0.18	1.03	-0.55	142.76	389.30
	409	-6.97e-002	0.17	0.88	0.63	151.19	340.19
	399	-7.40e-002	0.11	2.14	-12.60	116.24	340.38
264	397	0.11	-1.62	2.13	6.80	96.80	459.20
	407	4.74e-002	-2.51	0.87	-0.17	121.45	458.50

	408	-0.10	-2.52	1.03	-0.59	145.63	413.52
	398	-3.98e-002	-1.63	2.28	11.78	109.52	414.21
265	396	0.32	-3.44	2.30	4.65	56.90	515.95
	406	0.22	-5.05	1.27	-2.03	68.67	515.42
	407	-0.12	-5.07	1.03	-0.42	127.64	480.52
	397	-1.49e-002	-3.46	2.07	8.74	90.74	481.06
266	395	-0.57	-4.81	1.72	14.32	55.95	541.91
	405	-0.74	-7.49	0.53	-15.09	84.48	544.85
	406	6.01e-002	-7.44	0.92	-5.77	80.63	534.19
	396	0.23	-4.76	2.10	7.40	38.99	531.28
267	394	2.61	-7.07	2.36	44.94	331.41	-472.50
	404	2.48	-9.03	-5.18e-002	-75.35	517.83	-484.29
	405	-0.85	-9.24	0.22	-28.96	33.81	558.89
	395	-0.73	-7.28	2.57	17.84	119.87	547.19
268	353	-1.23	-6.76	-4.14	-523.13	911.74	-77.16
	363	-1.31	-8.05	-1.65	303.37	1865.59	-105.94
	404	2.56	-7.81	1.38	-129.01	124.98	-438.61
	394	2.65	-6.52	-1.19	63.84	533.10	-381.62
269	392	-7.86	13.85	-2.71	-46.37	-77.36	99.65
	402	-8.40	5.54	3.92	-51.25	-75.08	108.34
	403	0.14	6.09	-10.27	-33.55	-75.72	86.43
	393	0.68	14.41	-16.89	-176.15	-94.31	76.85
270	391	-0.13	6.47	-1.26	-14.25	64.78	159.89
	401	-0.18	5.69	1.35	-23.33	-99.58	171.43
	402	-8.42	5.16	7.48	-37.22	-72.07	132.10
	392	-8.37	5.94	4.88	-49.93	-52.00	120.63
271	390	-0.12	1.67	4.25	-7.51	64.88	235.59
	400	-2.96e-002	3.10	3.11	-7.49	99.54	239.76
	401	-0.35	3.08	0.40	-12.02	95.24	191.45
	391	-0.45	1.65	1.54	-11.97	63.75	187.38
272	389	7.73e-002	0.93	2.55	-9.80	63.88	313.77
	399	0.14	1.83	2.39	-2.04	98.57	314.89
	400	-0.11	1.82	3.39	-3.96	99.34	263.86
	390	-0.17	0.91	3.55	-8.13	64.72	262.76
273	388	3.75e-002	5.64e-002	3.16	8.46	60.50	390.52
	398	3.71e-002	0.11	2.89	-1.00	94.27	390.28
	399	1.62e-002	0.11	2.44	-2.09	97.81	340.01
	389	1.62e-002	5.68e-002	2.70	-10.69	63.63	340.25
274	387	1.88e-002	-0.81	2.70	3.88	51.11	461.54
	397	-3.45e-002	-1.63	2.44	0.97	81.79	460.50
	398	-6.75e-002	-1.63	2.89	-2.83	91.67	414.57
	388	-1.45e-002	-0.81	3.15	10.60	60.19	415.60
275	386	0.20	-1.72	3.54	7.55	24.55	516.87
	396	8.37e-002	-3.45	3.37	5.47	47.68	516.47
	397	-0.15	-3.47	2.39	6.59	74.55	482.08
	387	-4.18e-002	-1.73	2.56	10.13	50.52	482.48
276	385	0.44	-2.50	1.51	14.92	53.08	530.24
	395	0.29	-4.75	0.50	-38.77	47.04	538.35
	396	3.52e-003	-4.77	3.18	9.62	25.98	532.98
	386	0.14	-2.52	4.19	17.98	22.44	524.89
277	384	7.18	-6.35	5.06	32.56	214.38	-424.26
	394	7.15	-6.77	7.49	-202.76	254.37	-470.04
	395	0.13	-7.23	1.35	16.58	134.75	548.00
	385	0.16	-6.80	-1.09	68.79	75.67	502.23
278	343	-0.93	-13.87	-16.67	-562.78	224.83	-80.42
	353	0.60	-6.71	-10.29	84.85	707.48	-76.20
	394	7.19	-6.22	3.95	89.46	469.38	-382.80

	384	6.72	-13.38	-2.44	-223.24	445.13	-301.35
279	372	6.32	0.41	49.80	-19.82	29.51	62.83
	392	7.25	14.83	5.26	-75.43	63.66	92.39
	393	0.65	14.41	-34.55	-29.06	-86.14	91.01
	190	-0.29	-1.90e-002	9.98	-252.82	-45.59	48.81
280	217	-0.19	-1.23e-002	0.63	-2.18	11.15	152.34
	391	0.23	6.50	-2.24	-24.04	45.09	159.12
	392	6.74	6.92	12.85	-37.10	-39.54	109.16
	372	6.32	0.41	15.71	-17.99	-5.65	102.91
281	371	-0.17	-1.13e-002	5.40	-1.79	9.90	233.44
	390	-6.43e-002	1.67	5.01	-9.23	45.25	235.54
	391	-7.99e-002	1.67	0.56	-16.09	46.21	182.49
	217	-0.19	-1.23e-002	0.94	-2.15	-8.83	180.46
282	216	6.95e-003	4.52e-004	2.75	2.00	9.41	313.22
	389	6.70e-002	0.93	2.72	-4.54	44.77	313.80
	390	-0.11	0.92	4.31	-7.75	45.71	261.29
	371	-0.17	-1.13e-002	4.35	-2.60	9.37	260.73
283	368	1.30e-002	8.45e-004	3.72	1.12	8.76	390.60
	388	1.20e-002	5.70e-002	3.57	-2.96	42.53	390.58
	389	6.33e-003	5.71e-002	2.87	-5.26	44.56	339.93
	216	6.95e-003	4.52e-004	3.02	3.05	9.34	339.95
284	215	2.09e-002	1.36e-003	3.03	2.83	7.19	461.23
	387	-3.20e-002	-0.81	2.89	-1.06	36.05	460.99
	388	-3.99e-002	-0.81	3.57	-5.70	41.90	415.69
	368	1.30e-002	8.45e-004	3.71	3.53	8.93	415.93
285	367	0.19	1.21e-002	4.30	12.61	3.03	511.36
	386	7.40e-002	-1.73	4.24	-11.20	17.00	511.95
	387	-9.22e-002	-1.74	2.75	-7.71	34.71	482.92
	215	2.09e-002	1.36e-003	2.81	5.31	7.50	482.33
286	214	0.22	1.43e-002	1.11	32.71	8.04	499.98
	385	5.60e-002	-2.52	0.76	-58.54	40.24	506.69
	386	2.23e-002	-2.53	4.88	6.87	14.16	525.57
	367	0.19	1.21e-002	5.24	-12.58	2.55	518.86
287	364	-6.17	-0.40	14.57	47.92	25.69	-326.74
	384	-6.61	-7.24	11.98	-218.54	153.35	-360.16
	385	-0.23	-6.83	-1.85	25.82	61.42	498.12
	214	0.22	1.43e-002	0.74	-39.17	16.04	464.41
288	187	0.69	4.51e-002	8.82	-672.82	62.10	-168.51
	343	0.73	-13.85	-32.76	177.67	107.78	-64.17
	384	-7.07	-14.28	4.49	165.88	342.99	-260.55
	364	-6.17	-0.40	46.06	-139.46	116.50	-119.26
329	352	-3.12	6.92	-1.32	-103.14	-304.25	580.35
	362	-3.07	7.70	0.79	153.66	-53.48	604.44
	363	0.64	7.89	-2.37	-267.31	-1430.96	-348.53
	353	0.65	7.11	-4.39	468.20	-727.23	-323.22
330	351	1.09	6.98	2.94	-32.67	-19.33	663.70
	361	1.26	9.64	3.08e-002	35.56	84.78	662.53
	362	-2.96	9.37	8.70e-002	32.62	-352.76	629.10
	352	-3.13	6.71	3.01	-29.03	-218.44	630.15
331	350	-5.13e-002	4.86	2.08	-21.05	92.81	607.50
	360	0.13	7.63	0.56	4.75	144.48	605.74
	361	1.13	7.70	8.80e-002	4.40	-25.01	642.12
	351	0.95	4.93	1.60	-10.38	-21.43	643.86
332	349	-3.34e-002	3.66	1.70	22.13	127.78	518.87
	359	7.78e-002	5.36	0.89	3.47	173.78	517.21
	360	-2.01e-002	5.36	1.21	-4.50	120.59	576.30
	350	-0.13	3.65	2.02	-11.92	100.10	577.96

333	348	2.95e-002	1.99	1.96	24.34	141.86	414.57
	358	0.10	3.05	0.92	-5.70	186.77	413.65
	359	-7.38e-002	3.04	0.72	-6.34	162.51	482.75
	349	-0.14	1.98	1.76	19.13	130.31	483.67
334	347	0.10	0.54	1.77	24.62	148.46	302.96
	357	0.11	0.76	0.73	-6.32	192.02	302.66
	358	-5.69e-002	0.75	0.92	-6.93	181.39	376.22
	348	-6.85e-002	0.53	1.95	23.01	142.86	376.52
335	346	0.11	-1.21	1.99	20.68	149.42	190.05
	356	8.17e-002	-1.70	1.19	-5.95	188.58	190.57
	357	-3.96e-002	-1.71	0.91	-6.82	191.70	263.96
	347	-8.67e-003	-1.22	1.71	23.76	148.37	263.44
336	345	-0.98	-2.47	1.65	-6.91	137.44	85.57
	355	-1.08	-4.04	0.19	-4.54	164.12	87.99
	356	-6.79e-002	-3.97	0.54	-5.74	196.85	153.02
	346	3.39e-002	-2.41	2.00	20.32	148.13	150.48
337	344	2.80	-4.34	2.64	-30.32	81.41	23.05
	354	2.72	-5.56	-0.32	-4.56	83.16	23.48
	355	-1.20	-5.82	0.11	-3.16	189.10	58.06
	345	-1.12	-4.60	3.07	-9.28	136.61	51.93
338	323	-0.55	-5.55	-3.70	-69.01	-119.84	29.27
	333	-0.36	-2.72	-3.50	14.52	-153.62	20.29
	354	2.93	-2.52	-1.28	5.49	123.38	22.02
	344	2.73	-5.34	-1.47	-13.48	80.07	-28.99
339	342	-6.40	12.57	-2.86	196.52	-333.60	493.27
	352	-6.78	6.68	3.91	-97.80	-283.30	566.55
	353	0.75	7.16	-10.54	-80.59	-569.06	-300.96
	343	1.07	13.05	-17.30	551.74	-164.91	-228.95
340	341	-0.61	5.86	-2.53	65.51	-16.46	634.67
	351	-0.55	6.88	1.64	-16.40	-33.41	660.08
	352	-6.79	6.47	8.23	165.28	-167.01	617.07
	342	-6.86	5.46	4.07	-34.09	-138.90	591.58
341	340	-9.36e-002	2.52	3.58	26.96	53.73	605.62
	350	5.94e-002	4.87	2.95	-8.49	72.58	607.33
	351	-0.68	4.82	0.31	33.76	-17.81	640.91
	341	-0.84	2.47	0.93	-18.34	-9.18	639.18
342	339	2.94e-002	1.79	2.08	21.87	70.93	520.37
	349	0.15	3.67	1.97	-7.39	104.96	519.21
	350	-1.97e-002	3.66	2.89	4.32	84.12	578.77
	340	-0.14	1.78	3.01	-4.86	50.47	579.92
343	338	6.45e-003	1.00e+000	2.61	22.39	77.64	415.51
	348	6.94e-002	1.99	2.43	-5.37	117.54	414.73
	349	4.23e-002	1.99	2.03	-1.30	109.18	484.64
	339	-2.25e-002	9.98e-001	2.21	14.37	70.27	485.41
344	337	-2.23e-002	0.26	2.22	22.07	81.07	302.62
	347	-5.89e-003	0.54	2.03	-4.56	123.55	302.49
	348	-2.86e-002	0.54	2.43	-2.65	119.31	376.97
	338	-4.43e-002	0.26	2.61	19.25	77.83	377.09
345	336	9.13e-002	-0.57	2.99	17.84	82.10	187.10
	346	5.02e-002	-1.22	2.88	-5.29	125.24	187.96
	347	-0.11	-1.23	1.98	-4.64	123.52	263.44
	337	-7.38e-002	-0.58	2.09	20.46	81.07	262.56
346	335	0.82	-1.22	1.01	-4.25	77.50	77.13
	345	0.75	-2.36	0.32	-8.95	117.17	80.34
	346	-2.91e-002	-2.41	2.89	-10.32	122.83	150.03
	336	4.53e-002	-1.27	3.59	17.58	81.13	146.60
347	334	7.50	-4.42	3.82	-54.82	49.10	-31.85

	344	7.53	-4.04	8.06	-19.01	71.49	25.25
	345	0.61	-4.48	1.72	-26.20	113.38	50.75
	335	0.59	-4.87	-2.52	-6.10	75.57	41.67
348	313	-1.70	-12.71	-16.92	-148.29	-112.40	-36.87
	323	-1.24	-5.60	-9.96	-16.34	-110.65	23.16
	344	7.46	-5.04	3.95	-56.24	67.21	-30.80
	334	7.00	-12.15	-3.02	-20.90	69.61	-44.39
349	302	9.17	0.60	45.92	138.54	-87.76	332.69
	342	10.02	13.63	2.40	-126.35	-266.09	465.71
	343	1.39	13.07	-33.38	-174.55	-82.84	-251.17
	187	0.69	4.51e-002	10.14	653.21	-57.10	-124.49
350	213	0.32	2.07e-002	0.92	34.60	-2.87	611.53
	341	0.70	5.95	-3.02	-15.22	-16.72	628.31
	342	9.55	6.52	9.32	193.48	-95.38	541.03
	302	9.17	0.60	13.26	-87.52	-22.34	524.28
351	301	-0.18	-1.20e-002	4.35	15.73	8.35	601.98
	340	-2.03e-002	2.52	4.09	-9.69	35.82	604.41
	341	0.48	2.56	0.45	48.19	-6.69	622.34
	213	0.32	2.07e-002	0.70	-35.41	-2.60	619.91
352	212	-3.85e-002	-2.50e-003	2.30	11.52	11.08	520.35
	339	7.82e-002	1.79	2.25	-11.33	48.28	520.18
	340	-6.84e-002	1.78	3.51	5.08	34.80	576.43
	301	-0.18	-1.20e-002	3.56	-6.52	7.08	576.60
353	298	-2.04e-002	-1.33e-003	3.09	10.79	12.01	415.69
	338	4.49e-002	1.00	2.93	-10.57	53.06	415.46
	339	2.68e-002	1.00	2.38	-5.21	48.50	484.85
	212	-3.85e-002	-2.50e-003	2.54	-4.22	10.52	485.08
354	211	4.33e-003	2.81e-004	2.53	10.47	12.45	302.34
	337	1.77e-002	0.27	2.38	-10.47	55.59	302.35
	338	-6.06e-003	0.27	2.93	-7.80	53.55	376.91
	298	-2.04e-002	-1.33e-003	3.09	7.70	11.85	376.90
355	297	0.15	9.52e-003	3.56	9.16	12.48	185.49
	336	0.11	-0.57	3.53	-11.63	56.71	185.91
	337	-3.51e-002	-0.58	2.25	-9.75	55.59	262.37
	211	4.33e-003	2.81e-004	2.28	8.92	12.48	261.94
356	210	-0.39	-2.51e-002	0.66	3.47	11.35	71.84
	335	-0.47	-1.30	0.39	-14.82	54.82	73.29
	336	6.44e-002	-1.27	4.13	-14.36	55.18	146.38
	297	0.15	9.52e-003	4.40	9.27	12.81	144.80
357	294	-9.12	-0.59	13.72	-21.46	5.81	-44.34
	334	-9.44	-5.52	9.63	-16.25	39.31	-40.50
	335	-0.71	-4.95	-3.15	-27.61	49.75	41.34
	210	-0.39	-2.51e-002	0.95	9.44	12.72	38.29
358	181	-1.55	-0.10	10.91	-225.00	-41.83	-69.95
	313	-2.37	-12.76	-33.51	-53.17	-98.21	26.80
	334	-9.94	-13.25	2.79	-75.62	61.22	-46.80
	294	-9.12	-0.59	47.22	-5.93	22.82	-91.35
359	322	-2.49	7.80	-0.79	-21.27	-90.65	55.06
	332	-2.55	6.88	-0.65	5.54	111.57	56.55
	333	0.27	7.06	-3.05	-37.94	-76.80	26.10
	323	0.33	7.99	-3.18	-86.38	-70.83	24.75
360	321	0.81	7.01	3.43	-4.73	145.78	123.32
	331	0.93	8.81	0.51	-4.22	192.72	128.35
	332	-2.44	8.60	-0.15	-5.20	-118.98	81.55
	322	-2.56	6.80	2.82	-26.29	100.29	76.81
361	320	-0.19	3.79	2.72	14.69	160.33	-216.44
	330	-4.67e-002	6.06	1.06	-2.50	211.50	-219.22

	331	0.75	6.11	0.78	1.25	180.00	156.82
	321	0.61	3.84	2.44	-4.85	147.61	154.11
362	319	6.67e-002	1.87	2.71	19.13	164.03	-323.19
	329	0.12	2.68	1.24	-1.87	213.54	-324.06
	330	-0.27	2.65	1.45	-1.11	204.92	-253.51
	320	-0.32	1.84	2.93	14.63	161.75	-252.65
363	318	0.10	-0.72	2.93	18.67	160.55	-432.64
	328	8.67e-002	-1.02	1.22	-1.53	206.66	-432.58
	329	-0.11	-1.03	1.06	-1.46	212.22	-360.38
	319	-0.10	-0.73	2.77	19.35	164.08	-360.45
364	317	0.16	-2.94	2.76	14.87	145.28	-538.10
	327	5.60e-002	-4.49	1.05	-1.00	184.96	-537.53
	328	-0.15	-4.50	1.22	-1.33	209.00	-468.65
	318	-4.49e-002	-2.95	2.93	19.45	158.68	-469.22
365	316	0.39	-5.41	2.95	10.33	100.95	-631.03
	326	0.22	-8.02	1.47	-1.57	127.01	-631.03
	327	-0.18	-8.04	1.23	-0.34	190.95	-571.78
	317	-8.53e-003	-5.44	2.70	17.54	138.87	-571.78
366	315	-0.55	-7.46	2.33	11.12	27.78	-691.70
	325	-0.80	-11.45	0.68	19.25	47.11	-696.77
	326	-2.01e-002	-11.40	1.08	8.50	140.63	-663.10
	316	0.26	-7.41	2.73	19.00	78.81	-658.04
367	314	2.90	-10.41	2.93	24.55	-323.72	-639.89
	324	2.67	-13.87	0.16	93.00	-552.05	-654.13
	325	-0.98	-14.11	0.40	42.46	42.98	-725.49
	315	-0.75	-10.64	3.23	36.31	105.46	-711.27
368	277	-1.50	-11.01	-3.75	822.03	-919.60	-140.31
	283	-1.66	-13.48	-1.55	-623.93	-2163.15	-168.62
	324	2.72	-13.20	1.49	165.76	46.53	-575.42
	314	2.88	-10.73	-0.92	83.33	-564.84	-541.52
369	312	-7.50	14.27	-1.57	-36.89	77.54	42.89
	322	-7.94	7.45	4.93	-56.31	-73.37	50.81
	323	-0.37	7.94	-9.44	-15.31	-68.82	33.27
	313	0.12	14.76	-15.90	-161.89	-92.22	24.54
370	311	-0.17	6.74	-0.51	-6.05	82.55	108.83
	321	-0.16	6.95	2.28	-25.16	124.53	121.15
	322	-8.00	6.44	8.50	-30.12	84.33	72.70
	312	-8.02	6.23	5.78	-52.23	58.64	61.86
371	310	-0.10	2.01	5.10	11.61	88.51	-210.97
	320	1.78e-002	3.80	3.99	-7.65	134.89	-215.79
	321	-0.36	3.77	1.30	-9.60	126.05	149.06
	311	-0.48	1.98	2.40	-7.13	82.84	144.42
372	309	8.91e-002	0.94	3.44	15.87	89.66	-321.74
	319	0.15	1.87	3.21	-1.30	137.89	-323.21
	320	-0.11	1.85	4.20	-2.29	136.77	-250.37
	310	-0.17	0.92	4.42	11.55	88.68	-248.92
373	308	6.61e-002	-0.36	4.04	14.98	87.01	-433.24
	318	4.48e-002	-0.72	3.71	-1.29	135.09	-433.21
	319	-1.63e-002	-0.73	3.26	-1.16	138.00	-359.85
	309	8.09e-003	-0.37	3.59	16.45	89.58	-359.90
374	307	5.31e-002	-1.47	3.58	10.14	76.95	-539.58
	317	-4.36e-002	-2.95	3.25	2.46	122.22	-538.84
	318	-0.10	-2.95	3.71	-1.74	132.82	-469.50
	308	-9.11e-003	-1.47	4.04	17.38	86.87	-470.24
375	306	0.24	-2.71	4.45	4.63	46.00	-629.13
	316	6.58e-002	-5.43	4.21	10.83	84.08	-629.91
	317	-0.21	-5.45	3.19	-4.42	114.48	-572.71

	307	-3.10e-002	-2.73	3.43	18.59	76.76	-571.93
376	305	0.54	-3.81	2.35	10.82	43.74	-672.15
	315	0.30	-7.40	1.23	59.05	23.36	-685.32
	316	-6.57e-002	-7.43	4.00	3.86	56.72	-659.20
	306	0.17	-3.83	5.13	32.70	45.00	-646.04
377	304	7.49	-8.19	6.02	71.49	-220.81	-580.83
	314	7.37	-10.12	8.51	274.75	-236.43	-645.11
	315	0.10	-10.59	2.12	33.19	132.97	-709.51
	305	0.22	-8.66	-0.48	107.50	69.67	-645.24
378	271	-2.04	-16.25	-16.18	946.18	89.87	-100.44
	277	-1.73	-11.02	-10.00	-142.67	-689.64	-189.81
	314	7.35	-10.44	4.70	135.71	-492.95	-540.74
	304	7.00	-15.67	-1.51	317.11	-540.81	-442.04
379	292	6.61	0.43	49.37	-14.48	29.36	46.76
	312	7.58	15.24	5.84	-78.70	66.01	38.71
	313	-0.61	14.71	-32.49	-36.44	-85.47	34.68
	181	-1.55	-0.10	11.05	-245.24	-44.84	29.56
380	209	-0.12	-8.06e-003	1.83	2.28	13.89	101.66
	311	0.32	6.77	-1.23	-26.37	56.69	108.25
	312	7.05	7.21	13.14	-30.81	45.34	52.58
	292	6.61	0.43	16.15	-21.02	-6.14	48.31
381	291	-0.17	-1.13e-002	6.32	3.83	13.48	-208.58
	310	-4.35e-002	2.01	5.92	-11.19	61.48	-210.86
	311	8.47e-003	2.02	1.67	-15.19	59.62	139.57
	209	-0.12	-8.06e-003	2.06	-1.62	11.59	137.40
382	208	1.15e-002	7.48e-004	3.84	4.00	13.30	-320.97
	309	7.09e-002	0.93	3.73	-6.08	62.60	-321.67
	310	-0.11	0.92	5.25	-8.19	62.43	-247.41
	291	-0.17	-1.13e-002	5.36	3.53	12.90	-246.73
383	288	2.98e-002	1.94e-003	4.77	2.78	12.73	-433.05
	308	9.03e-003	-0.37	4.56	-3.95	60.90	-433.11
	309	-1.24e-002	-0.37	3.88	-6.08	62.60	-359.58
	208	1.15e-002	7.48e-004	4.09	4.69	13.20	-359.53
384	207	4.90e-002	3.18e-003	4.08	1.77	11.02	-538.43
	307	-4.71e-002	-1.47	3.87	-0.59	53.89	-538.35
	308	-6.63e-002	-1.48	4.56	-6.53	60.42	-470.39
	288	2.98e-002	1.94e-003	4.77	5.56	12.90	-470.47
385	287	0.23	1.49e-002	5.38	-13.56	6.15	-620.18
	306	5.36e-002	-2.72	5.27	16.47	31.39	-621.41
	307	-0.13	-2.73	3.72	-7.68	52.94	-572.43
	207	4.90e-002	3.18e-003	3.83	7.99	11.35	-571.20
386	206	0.27	1.74e-002	2.06	-37.05	6.51	-628.48
	305	-2.47e-002	-3.84	1.64	80.94	35.77	-638.12
	306	-2.51e-002	-3.84	5.96	-2.92	29.93	-646.49
	287	0.23	1.49e-002	6.38	17.31	5.45	-636.86
387	284	-6.43	-0.42	16.22	-44.86	-24.24	-443.32
	304	-7.00	-9.13	13.51	294.05	-161.03	-489.65
	305	-0.30	-8.70	-1.16	47.17	58.20	-638.59
	206	0.27	1.74e-002	1.62	51.29	-17.05	-592.18
388	176	-1.88	-0.12	9.24	1179.54	141.87	-99.04
	271	-2.86	-16.30	-33.65	147.77	53.32	-163.62
	304	-7.48	-16.61	6.02	261.58	-426.01	-385.27
	284	-6.43	-0.42	48.91	197.15	-164.17	-150.00
429	276	-2.55	1.70	-0.43	-194.50	-108.34	174.28
	282	-2.65	-1.92	1.33	73.87	-148.18	233.26
	283	9.98e-001	-1.94	-1.98	-131.58	-441.22	-212.35
	277	0.92	1.82	-3.15	441.23	-161.88	-154.00

430	275	9.99e-001	1.67	4.36	111.26	-33.59	116.30
	281	0.89	-2.88	0.71	21.31	-45.16	132.17
	282	-2.74	-3.02	0.42	52.20	-104.95	194.91
	276	-2.64	1.69	4.04	-137.52	-65.02	177.59
431	274	-0.39	-4.74	3.48	136.84	-8.28	39.80
	280	-0.52	-6.90	0.82	17.19	62.76	34.75
	281	0.60	-6.83	0.84	17.13	-49.38	92.10
	275	0.73	-4.67	3.50	107.18	-17.07	101.24
432	273	1.55	-8.03	4.65	233.40	34.39	-99.10
	279	1.31	-11.87	1.83	86.09	83.07	-136.40
	280	-0.86	-12.01	1.19	40.26	-48.79	58.65
	274	-0.62	-8.16	4.02	148.50	-39.90	40.85
433	272	0.87	-7.79	-1.49	976.89	232.73	37.46
	278	-1.54	-19.81	3.92	501.46	456.41	-144.49
	279	0.87	-19.68	5.39	144.94	326.38	-191.33
	273	1.56	-7.65	2.87	313.37	-114.86	-83.33
434	270	-7.11	11.03	-0.68	311.39	-225.12	69.52
	276	-7.78	1.53	6.07	246.12	-100.74	159.84
	277	-1.07	1.80	-9.41	-208.44	-134.42	-120.94
	271	0.68	11.49	-15.23	702.23	-287.83	-52.88
435	269	0.15	3.53	1.50	143.83	-43.31	75.52
	275	-8.70e-002	1.67	3.82	123.50	-53.22	125.86
	276	-7.86	-1.79	9.94	230.91	-48.97	145.79
	270	-7.63	3.04	7.59	231.24	-65.37	89.66
436	268	8.18e-002	-2.34	5.89	152.60	-39.66	81.18
	274	0.10	-4.72	4.37	135.31	-18.29	65.46
	275	-0.36	-4.74	2.97	113.03	-22.70	85.52
	269	-0.22	-2.36	4.49	122.18	-34.64	102.27
437	267	2.14	-4.69	6.75	382.44	64.92	74.48
	273	2.01	-8.03	7.67	374.03	27.60	63.88
	274	-0.31	-8.15	4.91	181.24	-76.92	42.09
	268	-0.10	-4.81	3.99	204.32	-58.93	112.75
438	266	-0.94	-8.58	-5.56	1318.81	543.75	95.96
	272	-0.91	-7.81	-3.76	328.22	275.61	53.33
	273	1.99	-7.65	5.81	408.09	-103.28	56.25
	267	1.90	-8.41	3.96	503.78	-319.46	91.47
439	205	6.15	0.40	52.02	143.88	-117.35	-220.81
	270	6.90	11.94	8.29	337.88	-225.85	-30.38
	271	1.29	11.44	-32.70	-374.02	-311.00	-73.04
	176	-1.88	-0.12	11.08	980.04	186.26	-195.93
440	204	-6.82e-002	-4.43e-003	3.72	28.61	-14.47	57.78
	269	0.17	3.53	1.07	122.43	-37.36	86.53
	270	6.37	3.92	15.61	237.38	-58.99	28.63
	205	6.15	0.40	18.33	-46.65	-6.72	48.16
441	203	5.39e-002	3.50e-003	7.31	9.03	-4.18	134.19
	268	-0.19	-2.36	6.64	145.12	-40.37	125.63
	269	-0.19	-2.36	4.02	114.95	-31.13	76.71
	204	-6.82e-002	-4.43e-003	4.69	-11.82	-6.47	84.64
442	202	-2.45	-0.16	10.33	81.00	11.75	264.87
	267	-2.77	-4.99	9.31	367.33	-70.15	195.97
	268	-0.35	-4.83	4.75	168.86	-47.58	109.80
	203	5.39e-002	3.50e-003	5.73	47.22	-22.54	174.69
443	175	-0.65	-4.25e-002	5.34	1635.02	307.21	433.15
	266	-0.74	-8.55	-11.32	500.93	524.67	60.89
	267	-3.01	-8.72	6.51	542.64	-312.17	157.71
	202	-2.45	-0.16	23.09	216.23	-181.67	532.76
600	158	-0.30	-0.17	0.57	-708.47	4305.31	-411.55

	104	-0.40	-1.72	-3.33	1894.40	890.13	-947.91
	41	-0.11	-1.70	0.14	4413.69	17866.61	4341.97
	116	-9.72e-003	-0.15	3.92	-3595.61	2008.57	4997.15
601	157	6.96e-002	0.14	0.78	511.29	-3581.36	-1695.07
	103	0.13	1.01	0.39	385.50	-4792.71	-2367.02
	104	-0.35	1.02	-0.94	360.96	3616.45	-1733.34
	158	-0.28	0.14	-0.56	-46.91	1054.55	-1074.67
602	156	-4.85e-002	0.62	-0.42	1026.55	-9109.58	-508.66
	102	-8.17e-002	1.14	-0.15	-280.77	-13346.50	-1165.52
	103	0.14	1.14	0.45	-338.18	-3940.98	-2345.38
	157	0.11	0.62	0.71	459.28	-5360.24	-1627.52
603	155	1.41	6.82e-002	-0.84	2169.16	-5011.36	11731.69
	1	1.54	1.97	-1.31	-422.48	-33512.15	10365.60
	102	-0.13	1.88	-0.69	-2813.42	-9548.96	-686.83
	156	-1.45e-002	2.46e-002	-0.23	2964.68	-13041.44	806.23
604	154	-0.80	0.10	-0.13	-823.86	433.73	406.40
	158	-0.81	-0.20	1.64	-533.67	2618.40	597.68
	116	-9.72e-003	-0.15	1.97	305.20	607.52	1621.84
	115	3.54e-003	5.45e-002	-0.23	-428.43	651.18	1013.10
605	153	0.27	8.43e-002	-0.37	449.50	-3609.48	-454.76
	157	0.26	0.14	0.62	805.41	-3091.50	-1789.02
	158	-0.79	0.13	0.52	-1007.61	-576.58	-1224.95
	154	-0.80	0.11	-0.27	-442.34	-1092.70	487.30
606	152	0.34	3.13e-002	-0.50	1252.91	-6336.28	462.11
	156	0.38	0.64	-0.55	2335.89	-7796.03	-791.91
	157	0.30	0.63	-0.56	477.78	-5587.99	-1636.00
	153	0.26	2.85e-002	-0.50	1145.64	-5141.02	-617.63
607	151	-0.12	6.47e-002	-6.18e-002	-1237.51	-2254.13	914.23
	155	-0.12	-3.04e-002	-1.03e-002	-1966.37	-2720.39	4235.20
	156	0.34	8.50e-003	-0.36	1396.60	-9604.94	2448.62
	152	0.35	9.26e-002	-0.42	1504.76	-6014.96	-937.25
608	150	0.32	0.12	1.77	-511.81	1425.09	475.54
	154	0.31	4.40e-002	-0.10	-710.19	461.61	855.58
	115	3.54e-003	5.45e-002	-0.25	-247.55	558.53	420.84
	114	6.80e-003	0.10	2.02	100.35	406.90	-523.23
609	149	0.26	0.69	-0.75	208.39	-3422.97	1557.66
	153	0.23	8.05e-002	-0.36	458.17	-3796.81	498.70
	154	0.31	5.99e-002	-0.36	-443.45	-1111.06	411.08
	150	0.28	0.66	-0.75	-960.35	-1168.24	1389.85
610	148	5.37e-002	0.34	0.24	1371.98	-7952.39	379.87
	152	3.65e-002	2.08e-002	-0.39	1169.52	-6457.84	-705.00
	153	0.22	2.44e-002	-0.49	1091.33	-5184.01	525.51
	149	0.24	0.34	0.34	-228.17	-6095.94	1363.06
611	147	-0.58	4.79e-002	8.15e-002	-2755.15	-2970.61	-4555.09
	151	-0.58	3.45e-002	-0.20	-1349.02	-2271.16	-1317.46
	152	3.94e-002	7.33e-002	-0.31	1322.90	-6075.10	528.65
	148	3.58e-002	2.19e-002	5.90e-002	523.94	-9473.12	-2786.25
612	107	-3.98e-002	1.17	-2.56	2214.90	-1495.47	1294.53
	150	-8.89e-002	0.10	-0.96	-715.99	2466.13	553.44
	114	6.80e-003	0.10	4.36	-2375.02	1196.93	-2692.43
	46	7.62e-002	1.17	-0.98	2976.93	12354.11	-1866.00
613	106	-7.59e-002	0.72	0.49	-1082.53	-5679.17	769.37
	149	-0.10	0.68	0.87	-189.27	-4305.22	1214.86
	150	-7.43e-002	0.68	-0.21	-618.22	607.20	1195.74
	107	-5.50e-002	0.72	-0.48	1098.42	1587.14	754.71
614	105	-7.08e-002	0.77	0.21	-4539.15	-12970.01	263.97
	148	-7.70e-002	0.33	0.26	280.22	-9497.07	377.93

	149	-7.95e-002	0.33	0.47	-783.54	-5765.92	971.82
	106	-8.11e-002	0.77	0.43	-2013.10	-4146.30	675.76
615	3	0.71	1.25	0.33	733.50	-33896.85	-8578.20
	147	0.77	6.45e-002	0.70	478.54	-4790.37	-11885.56
	148	-9.11e-002	1.72e-002	7.07e-002	2097.46	-13251.71	-1498.59
	105	-7.89e-002	1.28	0.77	-6533.12	-7879.22	1844.71
616	146	-0.18	0.16	0.87	156.94	3659.75	531.94
	107	0.13	1.16	-2.59	1743.74	-1657.18	-456.50
	46	7.62e-002	1.17	0.50	4146.87	12734.41	2795.13
	119	1.01e-002	0.16	3.64	-3209.34	1869.45	3445.23
617	145	-6.85e-002	0.44	0.83	-339.66	-4684.79	-750.84
	106	-4.69e-002	0.72	0.52	-1159.97	-5663.90	329.88
	107	0.14	0.71	-0.50	1090.11	1521.59	438.19
	146	-0.17	0.44	-0.22	142.47	663.00	-568.71
618	144	-0.16	0.61	-0.65	-2479.95	-10930.26	-704.32
	105	-0.15	0.76	-0.37	-3263.29	-13085.16	276.87
	106	-4.55e-002	0.77	0.46	-1613.38	-4382.64	343.49
	145	-5.48e-002	0.62	0.73	-1359.21	-6128.92	-905.50
619	143	1.60	0.24	-0.71	908.03	-6486.29	11724.28
	3	1.66	1.37	-1.03	1227.42	-34909.36	8565.83
	105	-0.12	1.27	-0.93	-5004.62	-7338.62	-2143.90
	144	-0.19	0.14	-0.52	-348.01	-17491.96	1062.44
620	142	-0.70	0.16	-0.15	-1483.53	1040.75	-485.15
	146	-0.68	0.14	1.61	-382.09	2771.21	480.45
	119	1.01e-002	0.16	2.10	200.49	994.41	1109.23
	118	8.76e-003	0.13	0.39	-359.57	1468.99	517.18
621	141	5.38e-002	0.31	0.36	-272.80	-4652.85	415.02
	145	5.00e-002	0.45	0.69	-370.39	-4132.92	-1035.11
	146	-0.69	0.46	0.57	-1274.96	-1066.19	-838.26
	142	-0.70	0.33	0.24	-1023.21	-925.50	381.39
622	140	0.21	0.25	-0.71	651.83	-9434.50	312.33
	144	0.23	0.63	-0.73	1463.88	-9553.28	-1016.22
	145	7.42e-002	0.62	-0.59	-516.77	-6986.56	-1246.40
	141	5.08e-002	0.24	0.59	172.40	-6743.14	394.52
623	139	-0.36	9.47e-002	0.16	-3549.05	-5243.92	1208.39
	143	-0.36	0.14	-0.11	-1967.14	-4027.26	4018.10
	144	0.20	0.16	-0.60	-770.61	-14859.29	1884.57
	140	0.20	0.12	-0.64	1843.85	-9964.17	-982.33
624	138	0.55	0.26	1.87	-497.71	2615.83	-424.81
	142	0.56	0.12	-0.11	-1459.57	1015.79	562.68
	118	8.76e-003	0.13	0.42	-357.00	1474.45	-409.77
	117	1.87e-002	0.29	2.32	180.88	1053.06	-993.16
625	137	8.57e-002	0.78	0.79	-477.85	-4191.45	1135.75
	141	6.07e-002	0.30	0.36	-295.06	-4662.23	480.90
	142	0.56	0.29	-0.31	-1059.44	-918.22	373.77
	138	0.53	0.76	-0.74	-1342.07	-997.57	915.89
626	136	8.59e-002	0.50	0.50	1432.57	-9709.11	1090.16
	140	7.03e-002	0.24	0.59	646.06	-9449.98	301.03
	141	-5.89e-002	0.24	0.58	166.52	-6757.30	438.42
	137	5.90e-002	0.50	0.47	-632.27	-6966.31	1373.31
627	135	-0.72	0.11	0.11	-2005.15	-4184.09	-4093.37
	139	-0.72	6.86e-002	-0.26	-3542.10	-5267.94	-1283.52
	140	6.67e-002	0.11	0.52	1833.71	-9979.56	997.58
	136	6.82e-002	0.14	0.34	-785.47	-14903.23	-1864.35
628	110	-8.38e-002	1.54	-2.40	1649.42	-1038.10	423.46
	138	-7.82e-002	0.29	-1.08	-117.99	3490.04	-417.12
	117	1.87e-002	0.29	4.52	-2983.43	1857.83	-3173.22

	47	0.10	1.54	-1.12	3824.10	11645.18	-2653.01
629	109	-0.11	0.82	0.47	-1463.67	-5394.91	341.85
	137	-0.12	0.78	0.93	-543.11	-4730.40	896.42
	138	-7.29e-002	0.78	-0.17	-180.42	618.56	651.92
	110	-5.91e-002	0.82	-0.54	826.06	1281.68	358.61
630	108	-0.16	0.77	0.27	-3271.89	-13023.27	387.39
	136	-0.15	0.50	0.45	-2568.24	-11063.75	882.58
	137	-0.10	0.50	0.60	-1471.28	-6148.66	1030.78
	109	-0.10	0.77	0.44	-1967.75	-4513.85	518.87
631	4	1.11	1.17	0.56	1496.28	-34033.04	-8567.04
	135	1.12	0.15	0.66	577.05	-6633.60	-11682.23
	136	-0.16	0.14	0.31	-107.83	-17632.88	-901.00
	108	-0.16	1.17	0.88	-5329.16	-8702.89	2265.46
632	134	-0.17	-0.39	0.47	-1596.25	1025.12	-754.27
	110	-0.20	1.55	-2.48	2407.10	-809.31	-1370.56
	47	0.10	1.54	0.67	2174.34	11036.37	1500.84
	122	-2.45e-002	-0.38	3.30	-1635.73	1035.83	2139.45
633	133	-4.93e-002	0.38	0.76	18.98	-4029.81	-1258.30
	109	-4.75e-002	0.82	0.43	-1350.18	-5613.16	-876.04
	110	-0.16	0.82	-0.62	1386.24	1550.62	-796.89
	134	-0.12	0.38	0.34	-1364.53	-717.98	-1174.46
634	132	-0.10	0.34	-0.44	2919.67	-7539.31	435.17
	108	-0.10	0.77	-0.24	-6248.40	-13154.67	495.98
	109	-4.16e-002	0.77	0.39	-2505.97	-3880.19	-747.42
	133	-5.37e-002	0.33	0.58	71.53	-5693.72	-854.91
635	131	1.25	-0.10	-0.50	-1315.31	-4501.42	10915.59
	4	1.29	1.22	-0.87	1656.87	-31637.67	7954.23
	108	0.11	1.17	0.87	-7552.61	-9939.25	-1527.47
	132	-0.10	-7.00e-002	-0.20	4229.53	-9609.08	1491.35
636	130	0.34	2.84e-002	-0.12	-62.02	-952.91	-620.87
	134	0.36	-0.40	1.31	-420.78	408.36	-481.22
	122	-2.45e-002	-0.38	1.45	34.00	97.44	319.73
	121	5.14e-004	7.90e-003	0.23	-132.41	-100.73	352.22
637	129	0.15	-2.34e-002	0.38	659.03	-3424.16	-426.77
	133	0.17	0.39	0.66	319.60	-3246.69	-1306.59
	134	0.33	0.37	0.60	-601.20	-1430.46	-1206.29
	130	0.34	-4.29e-002	0.33	207.31	-1431.03	371.19
638	128	0.21	-4.66e-002	0.36	922.04	-4488.81	843.05
	132	0.23	0.35	-0.40	749.22	-6591.45	489.49
	133	0.17	0.34	-0.48	-48.58	-5222.72	-887.94
	129	0.15	-3.97e-002	0.45	1167.87	-3895.90	-514.25
639	127	-0.26	2.55e-002	0.10	-404.71	-569.33	1063.60
	131	-0.26	-8.04e-002	-6.21e-002	-2561.79	-2137.01	3851.92
	132	0.21	-6.23e-002	-0.17	452.10	-5866.33	2778.96
	128	0.22	4.01e-002	0.32	593.73	-4215.74	260.53
640	126	0.47	0.47	1.34	-544.03	931.24	-381.01
	130	0.44	2.86e-002	-9.24e-002	-62.76	-864.57	363.76
	121	5.14e-004	7.90e-003	0.25	-194.21	50.31	-628.72
	120	2.87e-002	0.44	1.54	96.79	126.84	-867.59
641	125	0.23	0.45	0.69	768.58	-2960.38	1611.19
	129	0.23	-1.87e-002	0.40	633.79	-3222.64	432.16
	130	0.44	-1.37e-002	0.30	206.50	-1416.19	-404.80
	126	0.42	0.43	0.59	-620.75	-534.59	1174.63
642	124	0.28	0.35	0.37	1751.59	-6537.06	342.84
	128	0.26	-4.35e-002	0.33	863.44	-4365.34	-544.39
	129	0.23	-3.50e-002	0.47	1167.08	-3899.27	642.69
	125	0.25	0.35	0.50	557.90	-4598.64	1253.02

643	123	-0.33	-0.10	-3.64e-002	-2091.04	-1756.88	-3611.03
	127	-0.32	1.38e-002	-0.12	-208.20	-564.71	-641.17
	128	0.26	3.51e-002	0.29	614.59	-4185.54	533.06
	124	0.26	-8.41e-002	0.13	1370.94	-6138.77	-2536.72
644	113	0.50	1.48	-2.72	2519.91	2118.15	1427.38
	126	0.45	0.47	0.30	-1639.70	2425.85	884.51
	120	2.87e-002	0.44	3.77	-2349.18	1626.43	-3776.80
	48	9.46e-002	1.46	-0.90	3150.82	15588.18	-3213.14
645	112	0.13	0.90	0.34	209.85	-4661.08	2540.22
	125	8.13e-002	0.45	0.80	550.46	-3266.48	1798.50
	126	0.40	0.42	-0.48	-880.88	593.51	1321.14
	113	0.46	0.90	-0.93	1198.30	3398.50	2055.61
646	111	0.15	0.91	-0.10	-2321.44	-13551.12	911.94
	124	0.14	0.34	0.35	3088.03	-7504.54	298.00
	125	9.42e-002	0.34	0.62	952.74	-5119.81	1577.86
	112	0.13	0.91	0.37	-666.80	-3746.49	2366.14
647	5	1.24	1.37	0.94	-286.66	-31734.40	-9775.27
	123	1.17	-6.86e-002	0.55	1031.30	-4376.11	-10891.54
	124	0.12	-9.41e-002	-0.12	4629.76	-9928.82	-819.08
	111	0.19	1.32	0.71	-4293.52	-11985.50	437.47

SFORZI "Dinamica SLVh Y" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	-27655.96	-1901.75	433.69	-3742.89	-63584.11	-471472.89
	509	27655.96	1901.75	-433.69	3742.89	-121969.98	-336730.40
2	255	63521.32	-2902.37	326.40	-11252.47	-65509.21	-364378.48
	196	-63521.32	2902.37	-326.40	11252.47	40552.73	-558197.92
3	487	-1541.07	637.42	-478.75	-148737.55	124455.54	170774.24
	509	1541.07	-637.42	478.75	148737.55	137729.10	179232.82
4	509	1569.20	-992.13	-10251.09	47080.23	813416.36	-57888.40
	495	-1569.20	992.13	10251.09	-47080.23	416812.62	-66480.90
5	195	12754.71	950.93	12139.71	71237.36	-1201443.35	-9261.88
	509	-12754.71	-950.93	-12139.71	-71237.36	-620421.62	143301.86
6	403	-80.19	467.89	-697.05	-54002.77	28072.41	-8670.02
	413	80.19	-467.89	697.05	54002.77	-3971.91	7720.26
7	393	-127.96	1938.88	-1083.02	-75192.27	77503.38	45730.89
	403	127.96	-1938.88	1083.02	75192.27	-39658.83	22137.16
8	190	-248.96	5851.03	-1737.38	-81934.60	156837.48	316641.98
	393	248.96	-5851.03	1737.38	81934.60	-96059.81	111861.78
9	353	-4062.14	-576.30	-937.26	50907.83	-195699.26	21002.71
	363	4062.14	576.30	937.26	-50907.83	220880.91	-34141.18
10	343	-3298.44	-1866.53	-814.27	53537.69	-286389.34	41533.30
	353	3298.44	1866.53	814.27	-53537.69	300305.28	-25409.28
11	187	-3844.41	-5413.85	1619.52	56609.83	-434746.79	-292453.88
	343	3844.41	5413.85	-1619.52	-56609.83	384460.81	103166.44
12	323	-221.70	-461.23	-446.11	-11424.18	20949.36	-8768.74
	333	221.70	461.23	446.11	11424.18	-6250.85	7403.11
13	313	-484.73	-1832.47	-791.33	-16256.42	62985.47	-42159.52
	323	484.73	1832.47	791.33	16256.42	-35600.54	21994.96
14	181	-980.70	-5452.52	-1355.27	-17793.26	130594.12	-297725.24
	313	980.70	5452.52	1355.27	17793.26	-83315.78	106898.44
15	277	-3524.27	-463.73	1436.97	21901.21	-189812.44	11425.39

283	3524.27	463.73	-1436.97	-21901.21	140990.44	-19702.98	
16	271	-3178.17	1880.94	1712.36	-35620.88	-351833.86	45414.01
	277	3178.17	-1880.94	-1712.36	35620.88	292367.05	20716.84
17	176	-4390.15	5786.66	3990.08	-48842.53	-595662.71	309417.08
	271	4390.15	-5786.66	-3990.08	48842.53	456130.54	107145.43
18	272	-3580.67	1960.78	2296.31	-10837.93	-466875.49	101381.54
	278	3580.67	-1960.78	-2296.31	10837.93	388353.53	-34253.49
19	266	-1441.56	-956.87	3566.30	34845.41	-633238.38	68625.03
	272	1441.56	956.87	-3566.30	-34845.41	509087.02	-63990.34
20	175	-2094.33	2557.46	5834.98	89945.59	-882452.21	172083.10
	266	2094.33	-2557.46	-5834.98	-89945.59	678460.99	-90695.18
21	508	-2277.22	2230.49	-55.84	-39186.18	11585.03	346305.93
	278	2277.22	-2230.49	55.84	39186.18	-10729.89	322843.49
22	506	4840.32	241.97	-225.41	17209.56	47972.55	67928.52
	500	-4840.32	-241.97	225.41	-17209.56	54263.83	36263.93
23	167	9025.65	1954.87	-657.34	23170.72	125643.05	415717.36
	506	-9025.65	-1954.87	657.34	-23170.72	70285.72	150696.53
24	507	-1570.46	1148.57	-398.33	-42892.50	68531.35	186684.89
	508	1570.46	-1148.57	398.33	42892.50	51140.28	157904.58
25	506	-2410.95	1604.77	344.01	40542.08	-83747.36	345084.05
	507	2410.95	-1604.77	-344.01	-40542.08	-64874.10	344966.18
26	505	-3667.46	1514.88	-573.03	-105382.73	120153.44	297011.97
	506	3667.46	-1514.88	573.03	105382.73	-104280.18	293792.35
27	504	-4983.64	1619.10	541.03	95365.46	-118388.91	380024.39
	505	4983.64	-1619.10	-541.03	-95365.46	-114528.90	316196.56
28	504	5402.47	91.97	-708.08	13681.42	121868.12	-12476.46
	498	-5402.47	-91.97	708.08	-13681.42	172292.87	46351.73
29	161	13300.66	2541.53	-296.26	43328.33	36630.43	544317.90
	504	-13300.66	-2541.53	296.26	-43328.33	49805.50	192087.22
30	499	-2212.65	-1138.02	893.57	66042.58	-205158.77	-226720.96
	498	2212.65	1138.02	-893.57	-66042.58	-179368.86	-262648.11
31	500	-3614.12	-1011.24	-1041.17	-61231.71	191941.18	-192918.59
	499	3614.12	1011.24	1041.17	61231.71	215153.99	-201482.88
32	501	-5538.92	-1174.08	659.52	57229.67	-118976.09	-249568.58
	500	5538.92	1174.08	-659.52	-57229.67	-165264.43	-255289.11
33	502	-6594.41	-1235.45	-337.15	18129.00	18400.88	-189548.74
	501	6594.41	1235.45	337.15	-18129.00	85752.42	-181132.25
34	503	-7233.66	-1459.81	-92.49	-35796.01	-17564.67	-216700.80
	502	7233.66	1459.81	92.49	35796.01	17583.09	-221312.75
35	496	-8604.87	-599.30	-263.57	-41473.76	86635.49	-152016.51
	503	8604.87	599.30	263.57	41473.76	48113.67	-153906.17
36	160	4171.51	-3855.17	1715.79	31702.37	-468637.78	-512569.93
	504	-4171.51	3855.17	-1715.79	-31702.37	292944.71	-107960.66
37	163	321.75	-1289.73	-5177.88	-11717.15	-74805.05	-94578.86
	505	-321.75	1289.73	5177.88	11717.15	610199.38	-200745.75
38	166	-2755.96	-573.53	-5564.02	75194.84	-22660.37	-132409.30
	506	2755.96	573.53	5564.02	-75194.84	592762.38	-75409.04
39	169	-463.27	-414.02	-4340.15	-9768.79	-82696.79	-54373.37
	507	463.27	414.02	4340.15	9768.79	531410.99	-83224.72
40	172	1083.90	-928.62	-1837.01	44991.90	-316223.86	106865.62
	508	-1083.90	928.62	1837.01	-44991.90	504113.93	-21364.00

41	159	1258.07	2467.70	389.55	-26504.61	-200119.39	556104.82
	498	-1258.07	-2467.70	-389.55	26504.61	194480.07	110414.87
42	162	338.63	-302.45	-2274.59	-11650.09	193008.07	-125512.26
	499	-338.63	302.45	2274.59	11650.09	423458.98	-127238.96
43	165	-1852.03	1184.77	-2167.45	47101.66	171818.34	248464.52
	500	1852.03	-1184.77	2167.45	-47101.66	417168.22	72932.18
44	168	285.73	-594.65	-2314.90	-36913.25	200715.10	-135326.29
	501	-285.73	594.65	2314.90	36913.25	427395.59	-42934.22
45	171	308.40	-1279.11	-2276.95	32963.90	208825.60	-300643.48
	502	-308.40	1279.11	2276.95	-32963.90	409555.27	-46350.23
46	174	-872.02	-875.75	-1886.45	44922.29	148267.83	-211962.65
	503	872.02	875.75	1886.45	-44922.29	370153.29	31430.84
47	177	-4021.61	2459.22	957.91	-25428.80	-346832.20	323511.75
	496	4021.61	-2459.22	-957.91	25428.80	147269.44	343628.33
48	178	-1471.65	2805.36	1374.95	72059.40	-464504.20	370256.12
	497	1471.65	-2805.36	-1374.95	-72059.40	120887.33	387510.44
49	278	19909.84	117.11	-180.84	7182.24	49514.37	31985.05
	496	-19909.84	-117.11	180.84	-7182.24	70326.29	45400.30
50	497	-9411.38	-1883.37	1156.60	34501.92	-277735.12	-332275.47
	496	9411.38	1883.37	-1156.60	-34501.92	-162296.85	-384280.72
51	478	-7515.30	-723.90	-2959.12	-87173.98	455435.53	-103738.53
	497	7515.30	723.90	2959.12	87173.98	349169.31	-97172.49
52	173	37237.89	1012.84	-59.05	8454.30	20267.81	332179.86
	278	-37237.89	-1012.84	59.05	-8454.30	6324.67	91472.52
53	283	13829.10	-133.69	-381.85	8001.75	101324.32	36075.28
	478	-13829.10	133.69	381.85	-8001.75	-116566.04	-40946.09
54	173	27664.79	803.29	-259.32	-18494.84	38573.91	184270.42
	283	-27664.79	-803.29	259.32	18494.84	45412.02	71068.83
55	483	-726.61	556.07	225.21	7798.03	-127374.12	218790.61
	484	726.61	-556.07	-225.21	-7798.03	-53407.83	225035.66
56	482	-2237.57	-1160.58	-2286.30	-604791.07	546561.61	-311272.60
	483	2237.57	1160.58	2286.30	604791.07	712320.20	330230.51
57	481	-3009.17	571.43	407.92	72767.33	265377.54	159533.95
	482	3009.17	-571.43	-407.92	-72767.33	-266080.76	199488.07
58	480	-3813.74	673.33	2284.86	574773.52	-707828.43	198226.89
	481	3813.74	-673.33	-2284.86	-574773.52	-551625.38	175419.31
59	479	-4633.58	443.01	-1478.95	-241338.26	492825.37	134039.31
	480	4633.58	-443.01	1478.95	241338.26	463886.98	149903.70
60	478	-5891.83	906.97	1914.43	277144.89	-545608.31	267802.71
	479	5891.83	-906.97	-1914.43	-277144.89	-527981.68	240233.44
61	363	13508.58	-319.14	-860.18	-26180.53	140930.67	-55747.84
	480	-13508.58	319.14	860.18	26180.53	323377.77	-118626.13
62	186	26733.21	2040.86	339.20	10985.82	-35589.15	457964.37
	363	-26733.21	-2040.86	-339.20	-10985.82	-74395.02	190743.91
63	473	7374.10	2230.23	-186.30	-6418.75	60993.74	790508.45
	484	-7374.10	-2230.23	186.30	6418.75	41112.29	315513.77
64	255	44058.38	-105.33	831.03	22147.59	-156886.97	80025.14
	483	-44058.38	105.33	-831.03	-22147.59	-275754.28	-60898.97
65	492	1734.12	1361.97	587.98	-11100.80	-85305.95	133973.06
	489	-1734.12	-1361.97	-587.98	11100.80	-91822.45	274699.84
66	494	744.71	-293.90	-1406.08	-31663.87	372969.91	-88854.58

	492	-744.71	293.90	1406.08	31663.87	393398.84	-71484.97
67	492	7611.88	-1533.17	757.88	-10156.51	-120564.12	-207156.52
	495	-7611.88	1533.17	-757.88	10156.51	-183158.02	-402363.92
68	491	795.19	-192.49	500.50	63984.83	-183571.88	-81050.30
	492	-795.19	192.49	-500.50	-63984.83	-218215.06	-73439.97
69	490	-1102.09	-3526.25	-1072.16	-9762.84	158257.38	-553657.26
	491	1102.09	3526.25	1072.16	9762.84	160776.71	-495539.08
70	489	-1401.61	108.31	521.36	46495.34	-227221.83	40161.71
	490	1401.61	-108.31	-521.36	-46495.34	-189999.30	46522.59
71	488	-1374.12	235.78	-1142.10	-15346.74	284015.97	69809.74
	489	1374.12	-235.78	1142.10	15346.74	338524.71	58767.67
72	494	926.27	3289.07	1478.23	-10941.44	-194244.16	457188.04
	488	-926.27	-3289.07	-1478.23	10941.44	-250084.81	529540.43
73	493	-749.85	2352.46	941.14	-14235.74	-211618.88	518935.88
	494	749.85	-2352.46	-941.14	14235.74	-163074.20	416189.48
74	493	-242.59	-240.36	-827.48	21785.92	225078.03	-69594.26
	495	242.59	240.36	827.48	-21785.92	227989.78	-62114.35
75	473	-3533.13	611.81	-3573.08	-39604.07	-37265.55	54629.14
	490	3533.13	-611.81	3573.08	39604.07	598790.48	46936.27
76	382	943.53	-1065.78	-9807.53	35893.07	-361908.52	25278.74
	473	-943.53	1065.78	9807.53	-35893.07	702751.53	-60132.55
77	293	1077.14	-2901.30	-8866.98	25854.05	-74915.67	78367.37
	382	-1077.14	2901.30	8866.98	-25854.05	283599.82	-26717.03
78	200	1649.71	-6448.23	-9415.80	22545.26	454519.62	342350.44
	293	-1649.71	6448.23	9415.80	-22545.26	135943.37	-116841.31
79	255	-1311.42	1139.34	-3392.76	48397.43	330944.11	92009.22
	489	1311.42	-1139.34	3392.76	-48397.43	228936.32	96491.19
80	245	-6869.45	-1309.11	1752.43	40799.28	-221514.39	35234.28
	255	6869.45	1309.11	-1752.43	-40799.28	167188.80	-80538.77
81	235	-5617.52	-2549.75	2072.43	42420.68	-402120.82	47913.65
	245	5617.52	2549.75	-2072.43	-42420.68	330791.01	-41773.37
82	197	-6666.86	6447.05	4725.72	43347.86	-682024.65	329414.21
	235	6666.86	-6447.05	-4725.72	-43347.86	516866.70	-103838.69
83	443	-3345.12	941.55	573.94	37167.40	-605646.91	87842.42
	488	3345.12	-941.55	-573.94	-37167.40	537574.90	67609.80
84	433	-2154.75	-1107.91	-3379.25	83155.17	-390654.64	23771.69
	443	2154.75	1107.91	3379.25	-83155.17	507203.87	-61661.81
85	423	-1926.48	-2295.65	-1722.78	101869.93	-327094.84	45035.81
	433	1926.48	2295.65	1722.78	-101869.93	379873.87	-35829.94
86	193	-2464.34	5955.10	1047.12	108450.97	-336590.04	312593.51
	423	2464.34	-5955.10	-1047.12	-108450.97	321905.41	-104264.56
87	201	3398.80	410.33	1649.18	-29898.52	-199734.20	-43369.19
	491	-3398.80	-410.33	-1649.18	29898.52	559322.30	77414.87
88	196	-266.33	934.06	-694.85	20901.50	-86835.27	115201.21
	492	266.33	-934.06	694.85	-20901.50	249841.49	137036.75
89	192	954.58	-688.78	-3269.25	30806.60	-102655.70	-90342.08
	494	-954.58	688.78	3269.25	-30806.60	904678.59	-95748.99
90	487	2303.00	-1547.40	485.57	16974.13	-465920.09	-117827.45
	493	-2303.00	1547.40	-485.57	-16974.13	508588.08	-72473.90
91	185	2843.56	-2469.70	-3270.99	100852.23	-149563.20	-153940.00
	487	-2843.56	2469.70	3270.99	-100852.23	576112.39	218667.34

92	486	-2882.74	-497.48	-130.58	-53749.97	64641.77	-127073.69
	487	2882.74	497.48	130.58	53749.97	-52621.34	-182290.43
93	485	-1277.73	-481.51	596.59	249851.19	-171641.14	-151174.03
	486	1277.73	481.51	-596.59	-249851.19	-156575.45	-113781.08
94	186	-11309.14	-856.21	-391.45	-7784.17	58570.79	-292551.28
	485	11309.14	856.21	391.45	7784.17	109568.89	-73869.01
95	183	4443.13	-1185.60	7920.16	-68015.74	-1014927.43	-91887.02
	485	-4443.13	1185.60	-7920.16	68015.74	-177230.40	-126062.20
96	184	-93.49	-2798.66	-2793.84	-101862.86	134767.48	-184831.66
	486	93.49	2798.66	2793.84	101862.86	295953.25	-239764.75
97	179	-3767.14	2525.49	4322.35	63244.72	-867129.25	330842.88
	478	3767.14	-2525.49	-4322.35	-63244.72	-304398.93	351789.69
98	182	-594.20	2510.62	-4510.25	-44315.70	-736485.79	320483.93
	479	594.20	-2510.62	4510.25	44315.70	517178.30	358755.58
99	188	-3979.69	2292.96	5744.46	-157424.34	-1022164.92	293362.87
	480	3979.69	-2292.96	-5744.46	157424.34	-543081.40	326969.73
100	191	-251.67	2328.57	-7967.51	-307279.69	1580728.62	298345.74
	481	251.67	-2328.57	7967.51	307279.69	591534.31	332209.90
101	194	-1157.61	2490.27	-7562.72	301333.25	1479593.06	317969.18
	482	1157.61	-2490.27	7562.72	-301333.25	614512.52	355271.55
102	198	-13419.99	3193.75	34283.00	328277.77	-8799623.88	364652.53
	483	13419.99	-3193.75	-34283.00	-328277.77	-604061.00	502562.61
103	199	-4235.42	1379.52	1788.46	-38526.33	-786131.63	157225.52
	484	4235.42	-1379.52	-1788.46	38526.33	322035.70	220230.45
179	472	965.87	16.75	-309.82	-4537.18	2145.46	165.55
	473	-965.87	-16.75	309.82	4537.18	18414.86	740.58
180	467	943.19	-1.54	-50.22	-2192.87	1376.55	-106.48
	472	-943.19	1.54	50.22	2192.87	-1423.61	-29.87
181	466	869.01	-0.43	-17.12	-1544.37	2854.50	-82.89
	467	-869.01	0.43	17.12	1544.37	-1977.93	60.06
182	471	-1.28e-010	-111.02	-9.10e-013	-2763.52	-3.34e-009	-1547.05
	200	1.28e-010	111.02	9.10e-013	2763.52	-2.07e-009	-4374.62
183	470	-3.91e-011	7.59	-6.48e-011	-1603.80	-2.87e-011	-275.12
	471	3.91e-011	-7.59	6.48e-011	1603.80	-9.31e-010	131.00
184	229	-4.91e-011	9.08	-1.28e-012	-1425.18	-4.18e-011	90.81
	470	4.91e-011	-9.08	1.28e-012	1425.18	-4.16e-011	394.95
185	469	-4.91e-011	5.50	2.96e-011	-970.65	-3.00e-011	115.58
	229	4.91e-011	-5.50	-2.96e-011	970.65	9.32e-010	177.63
186	468	-7.08e-011	6.32	-5.82e-011	-404.54	-9.32e-010	112.37
	469	7.08e-011	-6.32	5.82e-011	404.54	-1.86e-009	225.56
187	228	-6.48e-011	6.05	1.20e-010	278.28	1.31e-009	128.34
	468	6.48e-011	-6.05	-1.20e-010	-278.28	-3.34e-009	194.64
188	465	744.43	-0.54	-6.66	-977.40	3418.05	-45.42
	466	-744.43	0.54	6.66	977.40	-3069.68	-72.72
189	464	607.65	-3.86e-002	-2.24	-396.20	3588.31	-50.01
	465	-607.65	3.86e-002	2.24	396.20	-3474.72	50.34
190	459	-472.67	-0.12	-0.83	283.04	3608.51	-34.07
	464	472.67	0.12	0.83	-283.04	-3599.93	-39.37
191	458	-340.72	-9.35e-002	-1.19	872.35	3566.94	25.22
	459	340.72	9.35e-002	1.19	-872.35	-3607.85	-29.50
192	457	-216.57	-0.10	-1.68	1476.87	3489.56	14.82

	458	216.57	0.10	1.68	-1476.87	-3562.38	-19.66
193	456	-125.98	-9.43e-002	-2.33	2070.82	3369.76	8.15
	457	125.98	9.43e-002	2.33	-2070.82	-3481.60	-11.92
194	463	-1.25e-010	6.15	-1.28e-012	870.69	-2.91e-011	137.75
	228	1.25e-010	-6.15	1.28e-012	-870.69	-9.32e-010	190.65
195	462	-4.89e-011	6.10	4.14e-011	1478.36	1.79e-012	148.56
	463	4.89e-011	-6.10	-4.14e-011	-1478.36	-9.32e-010	177.49
196	227	-1.24e-010	6.15	2.91e-011	2075.06	-9.32e-010	161.50
	462	1.24e-010	-6.15	-2.91e-011	-2075.06	-7.31e-012	166.76
197	461	-8.19e-011	6.06	2.91e-011	2649.65	1.92e-009	166.24
	227	8.19e-011	-6.06	-2.91e-011	-2649.65	2.07e-009	157.38
198	460	-9.95e-011	6.30	-2.91e-011	3177.19	-9.32e-010	194.90
	461	9.95e-011	-6.30	2.91e-011	-3177.19	-9.32e-010	141.19
199	226	-3.82e-011	5.55	5.82e-011	3583.04	-3.00e-011	154.87
	460	3.82e-011	-5.55	-5.82e-011	-3583.04	-9.09e-013	143.55
200	453	-151.65	-0.11	3.68	2645.21	3164.82	11.42
	456	151.65	0.11	-3.68	-2645.21	-3352.41	-12.08
201	452	-261.49	4.92e-002	6.79	3190.30	2760.68	23.58
	453	261.49	-4.92e-002	-6.79	-3190.30	-3116.06	-22.87
202	451	-389.76	-0.46	14.13	3699.26	1872.70	36.91
	452	389.76	0.46	-14.13	-3699.26	-2614.78	-21.02
203	450	-514.63	0.48	34.82	4189.59	-465.83	35.87
	451	514.63	-0.48	-34.82	-4189.59	-1492.61	-55.86
204	449	-653.58	-2.15	120.84	4630.15	-7352.15	-21.34
	450	653.58	2.15	-120.84	-4630.15	930.03	97.95
205	255	-881.51	29.79	480.37	3711.91	-29566.02	1115.76
	449	881.51	-29.79	-480.37	-3711.91	4114.87	587.83
206	455	-3.82e-011	8.38	5.82e-011	3638.72	-2.98e-011	337.97
	226	3.82e-011	-8.38	-5.82e-011	-3638.72	9.31e-010	109.70
207	454	-1.26e-010	5.73	5.82e-011	2715.92	-1.86e-009	76.87
	455	1.26e-010	-5.73	-5.82e-011	-2715.92	-1.86e-009	-243.78
208	197	-3.55e-011	-118.49	6.49e-011	-1726.87	9.31e-010	-4407.92
	454	3.55e-011	118.49	-6.49e-011	1726.87	-1.47e-011	-1930.78
209	254	-892.74	-38.41	-479.34	-3174.42	-3770.05	-707.11
	255	892.74	38.41	479.34	3174.42	29794.44	-1424.07
210	253	-594.09	2.09	-119.66	-4125.47	-986.98	-76.92
	254	594.09	-2.09	119.66	4125.47	7471.79	37.88
211	252	-466.09	0.58	-32.80	-3726.51	1294.91	59.50
	253	466.09	-0.58	32.80	3726.51	597.89	-28.62
212	251	-317.25	0.32	-12.09	-3286.47	2271.78	15.83
	252	317.25	-0.32	12.09	3286.47	-1629.39	-27.94
213	250	-155.77	0.11	-4.86	-2837.95	2636.94	17.73
	251	155.77	-0.11	4.86	2837.95	-2385.89	-14.84
214	249	-68.28	0.17	-2.13	-2361.87	2733.44	8.79
	250	68.28	-0.17	2.13	2361.87	-2640.20	9.08
215	248	206.41	0.36	-2.13	-1842.14	2730.75	-23.34
	249	-206.41	-0.36	2.13	1842.14	-2639.53	8.06
216	247	365.08	0.63	-5.74	-1200.74	2718.10	14.53
	248	-365.08	-0.63	5.74	1200.74	-2450.32	45.38
217	246	524.03	1.94	7.46	-392.60	1996.94	-29.60
	247	-524.03	-1.94	-7.46	392.60	-2295.60	88.46

218	443	645.46	18.72	220.73	2189.95	-7804.31	783.56
	246	-645.46	-18.72	-220.73	-2189.95	-4307.85	287.98
219	448	4.45e-011	92.08	-2.91e-011	2201.30	1.86e-009	1319.40
	197	-4.45e-011	-92.08	2.91e-011	-2201.30	9.31e-010	3730.16
220	225	4.45e-011	-6.19	-1.53e-011	-2296.35	9.32e-010	-239.65
	448	-4.45e-011	6.19	1.53e-011	2296.35	9.31e-010	-101.23
221	447	4.45e-011	-9.32	-2.91e-011	-3213.37	9.32e-010	-149.14
	225	-4.45e-011	9.32	2.91e-011	3213.37	1.86e-009	-359.50
222	224	-9.20e-011	-6.57	-1.49e-011	-3184.69	9.32e-010	-178.06
	447	9.20e-011	6.57	1.49e-011	3184.69	-2.90e-011	-180.36
223	446	4.34e-011	-7.04	3.26e-011	-2836.92	9.32e-010	-169.94
	224	-4.34e-011	7.04	-3.26e-011	2836.92	9.31e-010	-214.01
224	223	3.23e-011	-7.06	-5.97e-011	-2405.98	2.83e-009	-205.49
	446	-3.23e-011	7.06	5.97e-011	2405.98	1.92e-009	-179.41
225	445	-7.34e-011	-6.39	3.25e-011	-2000.17	9.31e-010	-165.22
	223	7.34e-011	6.39	-3.25e-011	2000.17	-1.48e-011	-183.31
226	222	3.13e-011	-9.06	-3.22e-011	-1752.35	4.66e-010	-345.91
	445	-3.13e-011	9.06	3.22e-011	1752.35	9.32e-010	-147.84
227	444	3.13e-011	-7.35	-2.92e-011	-1931.60	9.31e-010	-126.72
	222	-3.13e-011	7.35	2.92e-011	1931.60	4.66e-010	-276.40
228	193	3.13e-011	-104.99	-2.92e-011	-2831.17	1.40e-009	-4040.37
	444	-3.13e-011	104.99	2.92e-011	2831.17	9.31e-010	-1684.46
289	383	4.37e-011	79.12	1.36e-012	-1167.74	5.18e-010	1387.54
	193	-4.37e-011	-79.12	-1.36e-012	1167.74	9.56e-010	3439.62
290	221	4.37e-011	5.22	-3.00e-011	-2227.42	1.04e-009	-200.90
	383	-4.37e-011	-5.22	3.00e-011	2227.42	1.55e-009	122.02
291	442	655.11	15.94	-346.49	-5119.68	3680.01	-243.01
	443	-655.11	-15.94	346.49	5119.68	18225.35	746.30
292	441	516.91	-1.23	-59.93	-3491.34	2520.74	-71.59
	442	-516.91	1.23	59.93	3491.34	1852.16	12.78
293	440	400.26	-0.73	-15.39	-2588.82	3410.94	-51.50
	441	-400.26	0.73	15.39	2588.82	-2752.03	20.21
294	439	298.64	0.48	-6.40	-1848.67	3891.61	-17.96
	440	-298.64	-0.48	6.40	1848.67	-3647.05	30.69
295	380	-2.93e-011	5.91	-7.14e-012	-2281.41	2.08e-011	-101.10
	221	2.93e-011	-5.91	7.14e-012	2281.41	-4.66e-010	261.41
296	220	3.48e-011	4.13	7.44e-012	-1797.69	5.17e-010	-130.58
	380	-3.48e-011	-4.13	-7.44e-012	1797.69	9.57e-010	124.28
297	379	1.19e-011	4.61	-3.65e-011	-1209.30	1.16e-009	-128.61
	220	-1.19e-011	-4.61	3.65e-011	1209.30	1.47e-009	154.59
298	219	4.53e-011	4.63	-1.64e-011	-862.48	-2.33e-010	-156.81
	379	-4.53e-011	-4.63	1.64e-011	862.48	5.17e-010	127.81
299	438	230.41	0.16	-3.40	-1213.98	4029.50	-17.22
	439	-230.41	-0.16	3.40	1213.98	-3968.16	22.72
300	437	236.79	0.12	-3.50	-860.86	3951.91	-21.05
	438	-236.79	-0.12	3.50	860.86	-4063.92	19.29
301	436	313.61	0.58	8.07	1079.15	3577.04	-39.08
	437	-313.61	-0.58	-8.07	-1079.15	-4011.71	17.75
302	435	420.98	0.79	22.12	1555.31	2466.04	-14.51
	436	-420.98	-0.79	-22.12	-1555.31	-3722.48	48.75
303	376	4.53e-011	4.00	-1.64e-011	1108.64	-6.55e-010	-120.05

	219	-4.53e-011	-4.00	1.64e-011	-1108.64	1.25e-009	126.31
304	218	-8.24e-012	6.11	2.29e-011	1658.89	-2.33e-010	-274.96
	376	8.24e-012	-6.11	-2.29e-011	-1658.89	-6.99e-010	100.89
305	375	7.07e-011	6.19	-2.99e-011	2125.04	7.32e-010	-148.97
	218	-7.07e-011	-6.19	2.99e-011	-2125.04	7.33e-010	229.84
306	190	3.66e-011	-87.13	7.53e-012	2218.07	3.25e-010	-3717.10
	375	-3.66e-011	87.13	-7.53e-012	-2218.07	-1.17e-010	-1597.96
307	434	519.36	1.11	61.14	1860.55	-1500.20	-21.07
	435	-519.36	-1.11	-61.14	-1860.55	-2752.37	84.15
308	413	428.92	-2.81	150.83	1503.00	-9885.02	-61.55
	434	-428.92	2.81	-150.83	-1503.00	-1049.69	115.17
309	412	185.22	3.54	34.64	1144.23	2046.63	-84.29
	413	-185.22	-3.54	-34.64	-1144.23	-3387.76	115.66
310	411	243.46	-1.09	-13.63	1750.06	3460.65	-57.74
	412	-243.46	1.09	13.63	-1750.06	-3189.04	9.26
311	372	4.11e-011	100.53	7.36e-012	546.76	-2.36e-010	1601.20
	190	-4.11e-011	-100.53	-7.36e-012	-546.76	4.67e-010	3927.77
312	217	-3.57e-011	5.63	7.45e-012	1407.14	-2.63e-011	245.66
	372	3.57e-011	-5.63	-7.45e-012	-1407.14	-7.31e-010	76.06
313	371	-3.57e-011	6.43	8.15e-012	2110.29	4.73e-010	97.28
	217	3.57e-011	-6.43	-8.15e-012	-2110.29	-7.34e-010	259.20
314	216	-4.14e-011	3.73	1.34e-011	2780.64	-1.22e-010	117.78
	371	4.14e-011	-3.73	-1.34e-011	-2780.64	-7.08e-010	88.42
315	410	189.64	-0.25	-6.39	2240.73	3756.05	-15.46
	411	-189.64	0.25	6.39	-2240.73	-3525.08	6.83
316	409	111.32	-0.84	-2.91	2818.25	3743.63	-14.62
	410	-111.32	0.84	2.91	-2818.25	-3723.24	-32.72
317	408	-74.97	-0.32	3.81	3428.91	3569.54	8.27
	409	74.97	0.32	-3.81	-3428.91	-3719.94	-12.35
318	407	-134.30	-0.32	7.94	4024.68	3133.10	18.32
	408	134.30	0.32	-7.94	-4024.68	-3537.21	-10.63
319	368	-5.03e-011	4.39	1.64e-011	3426.58	-1.16e-010	112.56
	216	5.03e-011	-4.39	-1.64e-011	-3426.58	1.13e-010	129.26
320	215	7.02e-011	4.37	-1.46e-011	4031.81	1.63e-010	137.78
	368	-7.02e-011	-4.37	1.46e-011	-4031.81	3.31e-010	102.56
321	367	-7.54e-011	3.81	-5.12e-012	4523.67	-4.49e-010	103.21
	215	7.54e-011	-3.81	5.12e-012	-4523.67	-3.86e-010	108.49
322	214	5.48e-012	6.19	7.59e-012	4666.61	-2.61e-010	255.86
	367	-5.48e-012	-6.19	-7.59e-012	-4666.61	3.90e-010	86.86
323	406	-222.38	-0.81	18.37	4565.61	2064.60	37.57
	407	222.38	0.81	-18.37	-4565.61	-3031.12	-14.55
324	405	-310.05	-0.24	47.59	5009.34	-1130.58	20.20
	406	310.05	0.24	-47.59	-5009.34	-1769.42	-28.79
325	404	-380.72	-1.09	153.02	5222.69	-9867.79	-13.97
	405	380.72	1.09	-153.02	-5222.69	1537.93	-66.45
326	363	-471.80	20.85	552.55	4017.14	-37280.04	737.27
	404	471.80	-20.85	-552.55	-4017.14	6902.38	433.71
327	364	2.76e-011	5.42	3.48e-012	3789.88	-3.16e-010	82.57
	214	-2.76e-011	-5.42	-3.48e-012	-3789.88	1.76e-010	226.99
328	187	3.94e-011	-99.21	2.50e-012	-671.69	1.91e-010	-3803.36
	364	-3.94e-011	99.21	-2.50e-012	671.69	4.04e-011	-1661.06

389	362	-533.12	-12.62	-490.71	-4379.67	-3323.12	-291.99
	363	533.12	12.62	490.71	4379.67	34553.63	-542.33
390	361	-472.03	-0.83	-145.80	-5339.33	717.97	-67.47
	362	472.03	0.83	145.80	5339.33	8661.07	-26.71
391	302	4.65e-011	70.18	5.30e-012	-1331.59	-2.26e-010	1334.47
	187	-4.65e-011	-70.18	-5.30e-012	1331.59	-1.12e-010	3163.47
392	213	4.74e-011	-5.21	-1.49e-012	-4434.48	2.17e-010	-189.96
	302	-4.74e-011	5.21	1.49e-012	4434.48	2.09e-010	-145.29
393	301	7.31e-011	-5.08	-3.36e-012	-4861.51	-1.87e-010	-93.74
	213	-7.31e-011	5.08	3.36e-012	4861.51	8.09e-011	-236.27
394	212	2.73e-011	-3.63	5.74e-012	-4383.00	-1.44e-010	-116.69
	301	-2.73e-011	3.63	-5.74e-012	4383.00	1.67e-010	-116.78
395	360	371.21	-0.78	-44.90	-5020.53	2905.30	49.63
	361	-371.21	0.78	44.90	5020.53	-346.48	-13.33
396	359	260.25	0.55	-16.66	-4385.64	3816.56	-11.44
	360	-260.25	-0.55	16.66	4385.64	-2768.46	34.32
397	358	189.09	0.24	-7.33	-3610.61	4183.36	-12.19
	359	-189.09	-0.24	7.33	3610.61	-3736.02	22.72
398	357	209.85	0.23	-3.45	-2762.70	4327.34	-15.63
	358	-209.85	-0.23	3.45	2762.70	-4141.48	21.47
399	298	2.73e-011	-4.05	3.67e-012	-3620.22	-2.39e-010	-120.49
	212	-2.73e-011	4.05	-3.67e-012	3620.22	2.89e-010	-140.99
400	211	2.73e-011	-4.06	-3.65e-012	-2761.95	-3.73e-010	-143.81
	298	-2.73e-011	4.06	3.65e-012	2761.95	1.16e-010	-117.11
401	297	2.73e-011	-3.59	-4.06e-012	-1864.25	-5.56e-011	-120.66
	211	-2.73e-011	3.59	4.06e-012	1864.25	1.20e-010	-112.93
402	210	4.92e-011	-5.16	-3.64e-012	-956.84	2.57e-010	-241.82
	297	-4.92e-011	5.16	3.64e-012	956.84	-2.58e-010	-89.44
403	356	304.74	0.56	1.41	-1885.50	4284.46	-31.16
	357	-304.74	-0.56	-1.41	1885.50	-4334.49	27.15
404	355	425.66	0.87	8.45	-1030.34	3840.07	-24.89
	356	-425.66	-0.87	-8.45	1030.34	-4375.14	52.74
405	354	547.04	9.97e-001	27.37	-303.82	2351.78	-29.29
	355	-547.04	-9.97e-001	-27.37	303.82	-4039.58	78.20
406	333	565.91	-2.83	66.86	161.76	-2278.16	-108.78
	354	-565.91	2.83	-66.86	-161.76	-2389.91	111.24
407	294	4.08e-011	-5.73	-1.50e-011	-156.76	2.63e-010	-169.44
	210	-4.08e-011	5.73	1.50e-011	156.76	-2.61e-010	-205.98
408	181	3.68e-011	75.62	7.36e-012	735.37	4.12e-010	-3352.04
	294	-3.68e-011	-75.62	-7.36e-012	-735.37	-2.57e-010	1487.38
409	332	508.28	3.26	-57.76	425.14	2561.64	-96.39
	333	-508.28	-3.26	57.76	-425.14	-3453.08	134.17
410	331	421.71	-1.13	-28.51	933.15	4119.94	-69.41
	332	-421.71	1.13	28.51	-933.15	-3095.87	14.25
411	292	1.10e-011	94.33	1.04e-011	-747.97	2.35e-010	1556.75
	181	-1.10e-011	-94.33	-1.04e-011	747.97	-5.16e-010	3726.15
412	209	3.49e-011	7.80	-2.62e-011	840.11	5.14e-010	273.66
	292	-3.49e-011	-7.80	2.62e-011	-840.11	-5.26e-010	180.43
413	291	1.10e-011	8.40	2.27e-013	1450.67	-4.66e-010	165.92
	209	-1.10e-011	-8.40	-2.27e-013	-1450.67	5.22e-010	310.91
414	208	3.80e-011	6.55	-1.61e-011	2229.40	-2.35e-010	192.67

	291	-3.80e-011	-6.55	1.61e-011	-2229.40	-3.67e-012	174.68
415	330	264.64	-0.51	-12.19	1523.75	4680.74	-31.75
	331	-264.64	0.51	12.19	-1523.75	-4149.01	4.28
416	329	110.18	-0.80	-4.72	2256.47	4821.95	-14.16
	330	-110.18	0.80	4.72	-2256.47	-4653.12	-31.63
417	328	-137.21	-0.42	2.74	3059.30	4740.18	6.34
	329	137.21	0.42	-2.74	-3059.30	-4803.20	-21.19
418	327	-304.12	-0.39	6.86	3871.97	4356.10	22.69
	328	304.12	0.39	-6.86	-3871.97	-4712.80	-32.21
419	288	3.80e-011	7.00	9.16e-013	3057.44	-2.91e-011	197.91
	208	-3.80e-011	-7.00	-9.16e-013	-3057.44	-2.21e-011	195.03
420	207	1.10e-011	6.98	-1.47e-011	3875.84	2.38e-010	224.66
	288	-1.10e-011	-6.98	1.47e-011	-3875.84	-4.71e-010	166.48
421	287	1.10e-011	6.65	4.55e-013	4591.13	6.53e-010	212.62
	207	-1.10e-011	-6.65	-4.55e-013	-4591.13	-4.66e-010	163.41
422	206	3.80e-011	8.49	7.03e-012	4937.40	5.18e-010	337.59
	287	-3.80e-011	-8.49	-7.03e-012	-4937.40	5.16e-010	141.42
423	326	-482.33	-0.85	18.13	4647.21	3273.72	45.07
	327	482.33	0.85	-18.13	-4647.21	-4260.55	-43.10
424	325	-654.31	-0.42	50.51	5340.00	669.02	48.10
	326	654.31	0.42	-50.51	-5340.00	-2999.04	-64.74
425	324	-798.69	-1.12	172.54	5782.82	-9798.82	31.12
	325	798.69	1.12	-172.54	-5782.82	657.67	-86.16
426	283	-998.18	19.13	616.62	4224.69	-39485.78	703.81
	324	998.18	-19.13	-616.62	-4224.69	5004.63	375.40
427	284	3.80e-011	7.26	2.06e-011	4160.05	-1.46e-011	199.57
	206	-3.80e-011	-7.26	-2.06e-011	-4160.05	2.33e-010	246.55
428	176	1.10e-011	-98.10	-3.23e-011	-495.82	-4.57e-010	-3871.39
	284	-1.10e-011	98.10	3.23e-011	495.82	-1.50e-011	-1636.37
444	282	-972.41	-5.46	-235.63	-1800.12	432.31	-161.90
	283	972.41	5.46	235.63	1800.12	12478.04	-184.73
445	281	-1361.49	-1.91	-48.19	-1537.97	590.00	88.82
	282	1361.49	1.91	48.19	1537.97	2109.16	-139.35
446	280	-1735.61	-1.88	-21.68	-630.72	1682.15	97.11
	281	1735.61	1.88	21.68	630.72	-553.27	-181.09
447	279	-2221.32	0.39	-4.36	732.62	1642.92	159.89
	280	2221.32	-0.39	4.36	-732.62	-1574.75	-144.36
448	278	-3822.59	60.09	251.06	2588.71	-7126.29	2511.64
	279	3822.59	-60.09	-251.06	-2588.71	-6466.18	735.64
449	205	3.66e-011	104.16	-5.22e-011	2719.70	-4.71e-010	1719.97
	176	-3.66e-011	-104.16	5.22e-011	-2719.70	-4.71e-010	3953.55
450	204	6.01e-011	15.13	-5.82e-011	-292.85	4.61e-010	573.85
	205	-6.01e-011	-15.13	5.82e-011	292.85	-2.91e-011	243.74
451	203	6.42e-011	15.52	1.44e-011	-1133.56	-1.63e-011	476.84
	204	-6.42e-011	-15.52	-1.44e-011	1133.56	-1.63e-011	385.73
452	202	-6.54e-011	8.98	7.26e-011	-2117.89	-3.00e-011	378.94
	203	6.54e-011	-8.98	-7.26e-011	2117.89	-4.61e-010	-244.03
453	175	1.19e-010	-74.53	3.26e-011	-5138.39	1.04e-009	-2654.10
	202	-1.19e-010	74.53	-3.26e-011	5138.39	9.32e-010	-1384.77
454	101	16943.48	2340.64	-14144.50	-73732.08	2523511.93	412512.92
	201	-16943.48	-2340.64	14144.50	73732.08	2568974.65	430735.17

455	100	-5770.05	-2292.64	-17148.46	-73732.08	3120961.51	-391347.51
	200	5770.05	2292.64	17148.46	73732.08	3052853.67	-434094.62
456	99	-9495.84	-4195.93	-13084.01	-73732.08	2232407.78	-752481.04
	199	9495.84	4195.93	13084.01	73732.08	2478576.65	-758258.40
457	98	-16630.54	-8903.89	-40230.20	-235942.65	4768688.04	-1590858.29
	198	16630.54	8903.89	40230.20	235942.65	9825913.62	-1614938.74
458	97	-12009.97	-2805.05	-15192.26	-73732.08	2638790.14	-501848.71
	197	12009.97	2805.05	15192.26	73732.08	2830961.44	-508016.89
459	96	10927.84	2929.30	-14578.29	-73732.08	2437389.63	518775.16
	196	-10927.84	-2929.30	14578.29	73732.08	2811649.95	536042.51
460	95	18926.02	4190.30	-12201.62	-73732.08	1944530.48	745721.66
	195	-18926.02	-4190.30	12201.62	73732.08	2449275.61	763401.61
461	85	4094.70	4766.11	-1490.61	-73732.08	-223399.70	850302.80
	185	-4094.70	-4766.11	1490.61	73732.08	523275.79	865540.18
462	92	1204.59	2881.01	-1637.09	-73732.08	-271102.45	508013.05
	192	-1204.59	-2881.01	1637.09	73732.08	547838.42	529323.61
463	93	-3791.29	-2769.46	-1157.84	-73732.08	-265172.39	-490051.15
	193	3791.29	2769.46	1157.84	73732.08	396726.77	-507069.43
464	94	-3317.03	-5555.22	3681.25	-73732.08	-447299.44	-992475.00
	194	3317.03	5555.22	-3681.25	73732.08	1013013.10	-1007445.20
465	91	831.15	-5241.38	4382.47	-73732.08	-711733.49	-949342.23
	191	-831.15	5241.38	-4382.47	73732.08	1073049.24	-937630.90
466	90	-578.04	-2879.74	2643.20	-73732.08	-803679.74	-518828.78
	190	578.04	2879.74	-2643.20	73732.08	-198252.70	-517896.70
467	89	-154.91	3023.06	1759.99	-73732.08	-709255.23	535568.82
	189	154.91	-3023.06	-1759.99	73732.08	268920.78	553125.21
468	84	-761.15	4841.39	1353.71	-73732.08	-559979.86	879418.20
	184	761.15	-4841.39	-1353.71	73732.08	195423.93	863785.69
469	83	7783.68	-3454.49	-6918.73	-73732.08	1084266.16	-571306.70
	183	-7783.68	3454.49	6918.73	73732.08	1412339.74	-672774.35
470	86	7025.01	2813.05	-7563.78	-73732.08	1145877.12	487526.90
	186	-7025.01	-2813.05	7563.78	73732.08	1581316.85	525323.28
471	87	-7905.08	2657.97	-8260.49	-73732.08	1254202.72	463806.56
	187	7905.08	-2657.97	8260.49	73732.08	1723406.68	493473.54
472	88	-6211.63	4634.76	-6031.95	-73732.08	990935.07	792911.60
	188	6211.63	-4634.76	6031.95	73732.08	1186735.80	-876163.08
473	80	659.16	-2946.00	-1665.45	-73732.08	-164611.29	-512704.99
	180	-659.16	2946.00	1665.45	73732.08	520971.45	-548023.40
474	81	-1763.61	2666.88	944.84	-73732.08	-217417.84	465194.35
	181	1763.61	-2666.88	-944.84	73732.08	-168167.61	495201.50
475	82	-1310.25	4712.78	-1209.17	-73732.08	-192979.22	812516.62
	182	1310.25	-4712.78	1209.17	73732.08	393246.16	-884451.10
476	73	10252.48	2832.94	-11383.13	-73732.08	1934936.70	496085.05
	173	-10252.48	-2832.94	11383.13	73732.08	2163000.47	523889.84
477	76	-7969.94	2821.89	-10242.56	-73732.08	1756675.10	505663.26
	176	7969.94	-2821.89	10242.56	73732.08	1930666.16	510335.56
478	72	-2680.88	2991.61	-10175.39	-73732.08	1760390.87	530641.88
	172	2680.88	-2991.61	10175.39	73732.08	1902826.16	546379.03
479	79	-6298.80	-5021.21	-6147.90	-73732.08	967538.35	879696.58
	179	6298.80	5021.21	6147.90	73732.08	1246067.43	-928107.01
480	75	-4884.96	-3122.77	-4678.28	-73732.08	529687.13	-555412.80

	175	4884.96	3122.77	4678.28	73732.08	1158874.31	-568821.00
481	78	-3110.78	-5308.01	-2610.02	-73732.08	193355.98	-942172.32
	178	3110.78	5308.01	2610.02	73732.08	772293.18	-968770.16
482	70	6044.46	-620.33	-11927.95	-73732.08	1993712.99	-93062.71
	170	-6044.46	620.33	11927.95	73732.08	2300368.88	-204851.48
483	69	3007.15	-595.30	-12370.12	-73732.08	2246272.48	-90161.03
	169	-3007.15	595.30	12370.12	73732.08	2206982.89	156212.70
484	66	-4071.75	-5102.61	-11744.28	-73732.08	2092986.28	-845193.01
	166	4071.75	5102.61	11744.28	73732.08	2134982.28	-992000.03
485	67	7052.29	-3463.83	-11333.39	-73732.08	1884428.66	-499908.73
	167	-7052.29	3463.83	11333.39	73732.08	2195623.31	-748975.28
486	64	-1485.88	-687.99	-11787.42	-73732.08	1972876.46	-267944.23
	164	1485.88	687.99	11787.42	73732.08	2270613.70	-314208.67
487	63	540.04	-707.99	-12100.73	-73732.08	2203875.40	-164184.83
	163	-540.04	707.99	12100.73	73732.08	2152401.38	263492.99
488	61	16631.03	-6479.69	-8111.49	-73732.08	1225768.92	-1029918.05
	161	-16631.03	6479.69	8111.49	73732.08	1694624.62	-1304917.30
489	60	5986.29	-9671.01	-8720.05	-73732.08	1462085.57	-1696353.30
	160	-5986.29	9671.01	8720.05	73732.08	1677316.25	-1785399.95
490	59	5280.29	-5930.48	-8449.60	-73732.08	1318889.23	-885631.58
	159	-5280.29	5930.48	8449.60	73732.08	1724245.24	-1253333.07
491	62	754.37	-570.75	-12427.93	-73732.08	2143859.94	-285214.50
	162	-754.37	570.75	12427.93	73732.08	2330381.15	-301797.50
492	65	-5137.09	-3085.51	-12015.66	-73732.08	2050828.17	-411204.81
	165	5137.09	3085.51	12015.66	73732.08	2275070.58	-703345.44
493	68	3415.27	-414.86	-12485.40	-73732.08	2145510.99	-94668.13
	168	-3415.27	414.86	12485.40	73732.08	2349432.07	165717.89
494	71	-2919.26	-2322.41	-13038.42	-73732.08	2266769.75	-401278.14
	171	2919.26	2322.41	13038.42	73732.08	2427172.66	-436054.40
495	74	-5674.99	2231.12	-12159.60	-73732.08	2074236.36	377881.37
	174	5674.99	-2231.12	12159.60	73732.08	2303346.60	426872.43
496	77	-7600.82	3969.48	-7345.19	-73732.08	1073361.10	662003.34
	177	7600.82	-3969.48	7345.19	73732.08	1572539.18	768212.35
497	166	-3.32e-010	-3981.85	8.88e-016	-141621.79	9.32e-010	-473844.02
	167	3.32e-010	3981.85	-8.88e-016	141621.79	-9.31e-010	-601285.40
498	165	-2.75e-010	-3022.16	-5.13e-012	21651.21	-9.31e-010	-620186.42
	166	2.75e-010	3022.16	5.13e-012	-21651.21	-4.57e-010	-528301.93
499	163	2.59e-010	-5072.70	-1.35e-012	68961.03	-1.37e-010	-1044273.58
	160	-2.59e-010	5072.70	1.35e-012	-68961.03	-1.19e-010	-1136993.43
500	166	-2.60e-010	-5246.97	-1.37e-012	-111929.16	-3.28e-010	-1006456.85
	163	2.60e-010	5246.97	1.37e-012	111929.16	2.63e-010	-1039861.61
501	169	-1.14e-010	-4519.61	-1.71e-013	35948.69	-5.63e-011	-972873.48
	166	1.14e-010	4519.61	1.71e-013	-35948.69	-6.19e-011	-970561.71
502	172	5.18e-010	-7971.28	2.86e-013	71054.64	-1.31e-010	-1235149.13
	169	-5.18e-010	7971.28	-2.86e-013	-71054.64	-1.20e-010	-1156234.11
503	160	-8.34e-010	-5580.91	3.46e-013	-79964.82	1.34e-009	-684910.21
	161	8.34e-010	5580.91	-3.46e-013	79964.82	9.34e-010	-821954.82
504	159	5.32e-010	-3669.46	2.85e-014	19785.41	9.31e-010	-739375.84
	160	-5.32e-010	3669.46	-2.85e-014	-19785.41	-2.22e-011	-655058.19
505	162	5.22e-010	-6576.57	3.66e-012	49225.15	-4.42e-010	-1303085.70
	159	-5.22e-010	6576.57	-3.66e-012	-49225.15	1.16e-010	-1524929.90

506	165	6.54e-010	-6240.92	-3.64e-012	-144900.56	5.44e-010	-1222962.48
	162	-6.54e-010	6240.92	3.64e-012	144900.56	4.72e-010	-1210997.61
507	168	1.04e-009	-5585.21	9.20e-013	53830.36	-2.48e-010	-1185428.34
	165	-1.04e-009	5585.21	-9.20e-013	-53830.36	-2.90e-010	-1216212.53
508	171	9.41e-010	-8915.40	-2.10e-012	-111255.15	6.09e-010	-1322794.97
	168	-9.41e-010	8915.40	2.10e-012	111255.15	4.54e-010	-1351830.03
509	174	-9.36e-010	-9390.42	-1.42e-012	23921.50	-5.55e-010	-1432079.77
	171	9.36e-010	9390.42	1.42e-012	-23921.50	-3.24e-010	-1385055.41
510	177	-5.18e-010	-4974.69	-7.37e-013	-28141.82	9.64e-011	-1380099.87
	174	5.18e-010	4974.69	7.37e-013	28141.82	2.94e-011	-1157008.89
511	164	2.35e-010	-6654.80	7.47e-012	67848.65	5.84e-011	-1120993.44
	161	-2.35e-010	6654.80	-7.47e-012	-67848.65	2.91e-011	-1745655.61
512	167	-3.66e-012	-6299.50	7.99e-013	-250624.48	1.04e-009	-1280369.23
	164	3.66e-012	6299.50	-7.99e-013	250624.48	1.48e-009	-1176551.47
513	170	-8.15e-012	-4736.65	8.93e-013	43769.27	-7.31e-011	-939716.87
	167	8.15e-012	4736.65	-8.93e-013	-43769.27	2.33e-010	-1097106.84
514	173	2.29e-010	-10682.80	2.30e-012	-173785.97	4.50e-010	-1836529.22
	170	-2.29e-010	10682.80	-2.30e-012	173785.97	-5.81e-010	-1369511.73
515	176	-3.27e-010	-3340.57	-9.48e-013	-20127.05	1.91e-010	-559484.29
	173	3.27e-010	3340.57	9.48e-013	20127.05	-2.73e-010	-442817.20
516	179	-3.64e-012	-2671.68	7.69e-013	-11503.09	-3.46e-011	-752378.53
	176	3.64e-012	2671.68	-7.69e-013	11503.09	7.55e-012	-610201.58
517	186	1.52e-010	-3343.41	-1.02e-012	19501.79	-2.08e-010	-627687.65
	183	-1.52e-010	3343.41	1.02e-012	-19501.79	8.01e-011	-709774.18
518	187	1.30e-010	-4484.42	1.28e-012	-13542.06	-1.11e-010	-636969.56
	186	-1.30e-010	4484.42	-1.28e-012	13542.06	2.19e-011	-708383.57
519	188	9.44e-011	-2432.02	-1.12e-012	-11268.93	-3.66e-010	-718374.19
	187	-9.44e-011	2432.02	1.12e-012	11268.93	-2.58e-010	-522081.14
520	196	-4.66e-010	-7565.82	4.67e-013	-30101.87	-5.70e-010	-1430717.41
	195	4.66e-010	7565.82	-4.67e-013	30101.87	-2.67e-010	-1576807.30
521	197	9.31e-010	-6233.06	9.77e-013	-9232.22	1.62e-010	-966893.77
	196	-9.31e-010	6233.06	-9.77e-013	9232.22	-1.20e-010	-903063.72
522	198	2.33e-010	-4627.17	-1.43e-012	-21974.42	-4.01e-011	-1270789.11
	197	-2.33e-010	4627.17	1.43e-012	21974.42	1.18e-010	-996653.00
523	200	-4.55e-013	-13932.97	2.96e-012	-14588.27	-3.33e-010	-1994282.92
	201	4.55e-013	13932.97	-2.96e-012	14588.27	-4.61e-010	-2150956.16
524	199	2.39e-010	-6892.70	-1.64e-012	-22618.64	1.17e-010	-1647538.92
	200	-2.39e-010	6892.70	1.64e-012	22618.64	-2.03e-010	-1574919.87
525	185	1.19e-010	2494.48	1.82e-012	-349039.11	-2.51e-013	627502.76
	195	-1.19e-010	-2494.48	-1.82e-012	349039.11	5.68e-014	739449.53
526	184	1.42e-010	-1418.20	4.77e-013	-120686.74	-8.32e-010	-441202.17
	185	-1.42e-010	1418.20	-4.77e-013	120686.74	-8.32e-010	-427163.21
527	183	2.11e-010	-2113.13	-2.32e-012	336800.93	8.23e-010	-630725.90
	184	-2.11e-010	2113.13	2.32e-012	-336800.93	5.82e-010	-531604.24
528	196	-1.42e-011	1002.67	1.01e-012	258361.92	2.38e-010	362346.42
	201	1.42e-011	-1002.67	-1.01e-012	-258361.92	-5.19e-010	442855.63
529	192	5.88e-011	1187.13	-5.83e-014	-397978.41	4.66e-010	326898.41
	196	-5.88e-011	-1187.13	5.83e-014	397978.41	5.16e-010	320638.66
530	189	1.02e-010	-934.31	9.09e-013	141933.03	-2.33e-010	273268.04
	192	-1.02e-010	934.31	-9.09e-013	-141933.03	-1.97e-011	-297258.86
531	186	-4.93e-011	1040.69	-4.51e-013	341080.76	-1.17e-010	-292272.27

189	4.93e-011	-1040.69	4.51e-013	-341080.76	1.81e-010	280479.77	
532	180	-1.09e-010	734.55	5.71e-013	-218056.15	-1.87e-010	226710.75
	186	1.09e-010	-734.55	-5.71e-013	218056.15	-1.30e-010	-244716.31
533	173	1.06e-010	-1278.83	1.02e-012	308307.83	-2.33e-010	-388959.23
	180	-1.06e-010	1278.83	-1.02e-012	-308307.83	-2.34e-010	-330038.01
534	172	-4.91e-011	2778.19	-1.62e-011	-259271.13	2.06e-009	355063.59
	173	4.91e-011	-2778.19	1.62e-011	259271.13	2.59e-009	396354.13
535	171	-1.22e-010	-3702.11	-2.54e-013	99353.82	3.00e-011	-776479.92
	172	1.22e-010	3702.11	2.54e-013	-99353.82	9.50e-013	-654501.83
536	174	-8.00e-011	2577.53	-2.35e-013	175368.78	3.34e-009	586403.10
	175	8.00e-011	-2577.53	2.35e-013	-175368.78	2.64e-009	400092.47
537	198	-2.57e-011	2106.29	-4.77e-013	-61329.19	-4.66e-010	826554.99
	199	2.57e-011	-2106.29	4.77e-013	61329.19	2.35e-010	853975.02
538	194	8.38e-011	-3568.60	-2.22e-016	-526884.86	4.66e-010	-886572.89
	198	-8.38e-011	3568.60	2.22e-016	526884.86	4.71e-010	-1078057.45
539	191	-1.19e-010	1592.18	-4.65e-013	168797.63	-3.27e-010	525082.17
	194	1.19e-010	-1592.18	4.65e-013	-168797.63	5.19e-010	451267.15
540	188	-4.38e-011	2149.81	-9.39e-013	579150.40	7.07e-010	576744.76
	191	4.38e-011	-2149.81	9.39e-013	-579150.40	3.87e-010	606587.47
541	182	-1.17e-010	1640.41	3.15e-013	-275283.71	-2.20e-010	526139.98
	188	1.17e-010	-1640.41	-3.15e-013	275283.71	3.92e-010	523762.85
542	179	-2.57e-010	2140.49	-3.04e-012	287652.19	2.63e-010	590583.87
	182	2.57e-010	-2140.49	3.04e-012	-287652.19	3.29e-010	608338.39
543	178	-5.11e-011	-4258.19	-1.68e-011	-186209.18	1.87e-009	-551009.74
	179	5.11e-011	4258.19	1.68e-011	186209.18	-1.84e-009	599159.64
544	177	2.57e-010	4331.27	-3.72e-012	159724.76	1.31e-009	922379.60
	178	-2.57e-010	-4331.27	3.72e-012	-159724.76	-2.09e-009	725654.72
545	66	-1.17e-010	11506.27	0.00	51300.76	-5.27e-010	1400918.28
	67	1.17e-010	-11506.27	0.00	-51300.76	-5.18e-010	1705776.00
546	65	3.64e-011	7022.80	4.76e-013	-57822.85	2.35e-010	1475473.38
	66	-3.64e-011	-7022.80	-4.76e-013	57822.85	-2.61e-010	1193194.15
547	63	2.61e-010	-14692.76	-9.31e-013	-360264.37	1.18e-009	-2673817.51
	60	-2.61e-010	14692.76	9.31e-013	360264.37	-8.63e-010	-3644098.87
548	66	-2.61e-010	-11774.43	-2.71e-012	450691.11	-2.28e-010	-2403558.67
	63	2.61e-010	11774.43	2.71e-012	-450691.11	2.38e-010	-2188475.75
549	69	1.03e-011	-10195.03	1.10e-012	-105476.41	-3.10e-011	-2079357.72
	66	-1.03e-011	10195.03	-1.10e-012	105476.41	-1.21e-010	-2304507.90
550	72	2.33e-010	-22042.08	-1.58e-012	309568.48	3.27e-011	-3766391.45
	69	-2.33e-010	22042.08	1.58e-012	-309568.48	2.83e-010	-2846234.36
551	60	-2.29e-010	21568.36	3.75e-012	115489.43	-4.19e-011	2525730.69
	61	2.29e-010	-21568.36	-3.75e-012	-115489.43	1.31e-009	3297727.56
552	59	2.58e-010	13643.26	-4.04e-012	-147588.71	1.46e-011	2943727.83
	60	-2.58e-010	-13643.26	4.04e-012	147588.71	-2.92e-011	2240718.48
553	62	-3.29e-010	-13260.00	-2.57e-012	-128332.55	1.47e-009	-2558400.93
	59	3.29e-010	13260.00	2.57e-012	128332.55	7.44e-010	-3143431.53
554	65	-4.66e-010	-11831.86	-1.74e-012	284786.10	-7.38e-011	-2347436.17
	62	4.66e-010	11831.86	1.74e-012	-284786.10	-1.58e-010	-2266989.40
555	68	4.55e-013	-10266.04	4.89e-013	84403.86	8.35e-012	-2174895.46
	65	-4.55e-013	10266.04	-4.89e-013	-84403.86	1.21e-010	-2239503.04
556	71	2.33e-010	-17169.01	-1.09e-012	238093.46	-1.78e-010	-2508658.36
	68	-2.33e-010	17169.01	1.09e-012	-238093.46	1.72e-010	-2642060.74

557	74	-4.62e-010	-18101.23	1.50e-012	53437.41	3.34e-010	-2818876.24
	71	4.62e-010	18101.23	-1.50e-012	-53437.41	3.11e-010	-2611525.67
558	77	-2.62e-010	-10801.46	6.33e-013	51355.32	-1.20e-010	-3055018.71
	74	2.62e-010	10801.46	-6.33e-013	-51355.32	-1.33e-010	-2453724.74
559	64	1.15e-010	-11146.32	-2.88e-013	-163967.78	3.63e-011	-2139273.60
	61	-1.15e-010	11146.32	2.88e-013	163967.78	2.35e-010	-2653758.55
560	67	1.17e-010	-10416.14	8.69e-013	303034.87	-3.27e-010	-2062561.62
	64	-1.17e-010	10416.14	-8.69e-013	-303034.87	3.63e-010	-1999732.76
561	70	1.22e-011	-8550.10	1.29e-012	75072.40	-1.44e-010	-1806387.29
	67	-1.22e-011	8550.10	-1.29e-012	-75072.40	-1.55e-010	-1870160.22
562	73	-1.11e-010	-15688.69	-1.42e-012	251276.08	-1.55e-010	-2346468.05
	70	1.11e-010	15688.69	1.42e-012	-251276.08	-1.32e-010	-2360283.15
563	76	-7.28e-012	-15871.62	-1.12e-012	-39234.61	-8.89e-011	-2431956.45
	73	7.28e-012	15871.62	1.12e-012	39234.61	3.29e-011	-2329631.16
564	79	1.30e-010	-11726.57	4.09e-014	7295.13	2.09e-012	-3279878.60
	76	-1.30e-010	11726.57	-4.09e-014	-7295.13	-7.73e-012	-2700677.80
565	86	-6.69e-011	-16730.47	5.73e-013	75538.67	1.18e-010	-3349673.31
	83	6.69e-011	16730.47	-5.73e-013	-75538.67	-8.26e-011	-3342782.29
566	87	4.75e-011	-2016.55	-5.49e-013	5619.96	-7.67e-011	-300469.02
	86	-4.75e-011	2016.55	5.49e-013	-5619.96	6.10e-011	-304496.23
567	88	3.52e-011	-13692.97	3.75e-014	10090.47	-1.52e-011	-3492935.53
	87	-3.52e-011	13692.97	-3.75e-014	-10090.47	-1.65e-011	-3490570.05
568	96	2.35e-010	-19145.20	3.70e-013	-42199.98	-1.83e-011	-3617207.16
	95	-2.35e-010	19145.20	-3.70e-013	42199.98	-1.61e-010	-3993332.98
569	97	2.33e-010	-19083.66	-4.00e-013	-10218.26	5.02e-011	-2748684.77
	96	-2.33e-010	19083.66	4.00e-013	10218.26	4.39e-011	-2976429.45
570	98	1.16e-010	-21766.32	-1.28e-013	-10410.38	3.27e-011	-6155682.48
	97	-1.16e-010	21766.32	1.28e-013	10410.38	3.00e-011	-4510548.76
571	100	9.09e-013	-27077.43	7.46e-013	-32087.38	-1.23e-010	-3741161.04
	101	-9.09e-013	27077.43	-7.46e-013	32087.38	-1.27e-010	-4314828.02
572	99	-2.35e-010	-15104.54	6.45e-013	-30631.28	1.39e-010	-3838205.61
	100	2.35e-010	15104.54	-6.45e-013	30631.28	3.95e-010	-3223423.12
573	85	3.18e-011	-3196.48	-9.17e-013	-379638.07	-4.67e-010	-788937.11
	95	-3.18e-011	3196.48	9.17e-013	379638.07	-3.27e-010	-964006.82
574	84	-1.20e-010	-1697.00	-1.13e-012	-130174.89	-2.92e-011	-493138.28
	85	1.20e-010	1697.00	1.13e-012	130174.89	-3.54e-010	-543363.17
575	83	-3.66e-011	-3859.74	-1.38e-012	535269.77	5.52e-010	1311712.16
	84	3.66e-011	3859.74	1.38e-012	-535269.77	4.04e-010	-820291.00
576	96	2.34e-011	-1354.47	5.18e-013	-106083.03	2.59e-010	-495639.50
	101	-2.34e-011	1354.47	-5.18e-013	106083.03	1.03e-011	-591504.69
577	92	-4.25e-011	-2116.70	-4.55e-013	-540880.64	1.49e-011	-575587.22
	96	4.25e-011	2116.70	4.55e-013	540880.64	-2.58e-010	-579025.59
578	89	8.72e-012	-1711.76	-2.25e-013	-143104.72	-2.33e-010	-510044.57
	92	-8.72e-012	1711.76	2.25e-013	143104.72	-1.31e-010	-534732.47
579	86	-2.51e-011	-2130.16	1.38e-012	622045.76	1.64e-010	-621100.46
	89	2.51e-011	2130.16	-1.38e-012	-622045.76	-1.45e-010	-554451.54
580	80	-1.72e-011	1832.46	-5.78e-013	-295106.43	5.92e-011	574289.13
	86	1.72e-011	-1832.46	5.78e-013	295106.43	1.21e-010	598835.78
581	73	1.36e-011	-2338.76	-4.78e-013	505112.84	-1.63e-011	-663895.13
	80	-1.36e-011	2338.76	4.78e-013	-505112.84	-2.34e-010	-648338.54
582	72	-7.55e-011	5267.60	-1.50e-011	-166212.19	1.06e-009	661954.39

	73	7.55e-011	-5267.60	1.50e-011	166212.19	1.32e-009	762726.65
583	71	-2.99e-011	-5614.60	1.86e-012	102393.11	9.23e-010	-1199121.90
	72	2.99e-011	5614.60	-1.86e-012	-102393.11	9.14e-010	-940673.46
584	97	-3.00e-011	-1421.72	6.83e-013	-58106.37	-1.45e-011	-508779.34
	100	3.00e-011	1421.72	-6.83e-013	58106.37	-1.20e-010	-628744.62
585	93	3.33e-011	-2167.49	4.69e-013	-609717.72	-1.52e-011	-605541.04
	97	-3.33e-011	2167.49	-4.69e-013	609717.72	-1.64e-011	-575789.32
586	90	4.75e-011	1626.09	-4.56e-013	-132605.17	2.33e-010	469482.23
	93	-4.75e-011	-1626.09	4.56e-013	132605.17	1.72e-011	-522850.76
587	87	-2.88e-011	-2258.67	-5.20e-013	614035.54	1.33e-010	-682555.43
	90	2.88e-011	2258.67	5.20e-013	-614035.54	1.84e-010	-561324.27
588	81	-3.73e-011	-2097.04	1.16e-013	-270196.45	-2.33e-010	-668898.33
	87	3.73e-011	2097.04	-1.16e-013	270196.45	-8.37e-011	-673262.47
589	76	4.12e-011	-2322.42	-4.57e-013	441485.69	-1.46e-011	-610014.71
	81	-4.12e-011	2322.42	4.57e-013	-441485.69	1.22e-010	-690725.17
590	75	-1.25e-010	-5817.94	-3.64e-012	-951679.84	-1.87e-009	-730691.60
	76	1.25e-010	5817.94	3.64e-012	951679.84	1.68e-009	-840207.32
591	74	-6.47e-011	-5266.79	-1.82e-012	612253.82	-1.30e-009	-1196476.73
	75	6.47e-011	5266.79	1.82e-012	-612253.82	-1.04e-009	-805454.03
592	98	-5.85e-011	2501.90	-5.10e-013	-202243.41	2.33e-010	1003238.74
	99	5.85e-011	-2501.90	5.10e-013	202243.41	2.33e-010	992867.06
593	94	4.49e-012	-4496.43	1.02e-012	-151961.51	3.37e-010	-1128319.63
	98	-4.49e-012	4496.43	-1.02e-012	151961.51	1.20e-010	-1347476.52
594	91	1.17e-011	1687.35	9.10e-013	-140052.37	-7.25e-012	518624.34
	94	-1.17e-011	-1687.35	-9.10e-013	140052.37	1.17e-010	511671.29
595	88	-9.30e-013	-3588.70	1.02e-012	541423.90	-6.23e-011	-1142112.17
	91	9.30e-013	3588.70	-1.02e-012	-541423.90	-3.59e-011	836571.40
596	82	-1.17e-010	-3861.35	5.71e-013	-313411.18	5.83e-011	-1217921.88
	88	1.17e-010	3861.35	-5.71e-013	313411.18	-1.21e-010	-1253368.37
597	79	5.54e-012	-4212.16	-1.01e-012	329121.77	-3.51e-010	-1125188.92
	82	-5.54e-012	4212.16	1.01e-012	-329121.77	-2.33e-010	-1233829.44
598	78	2.69e-010	-10025.26	-3.45e-012	-692225.77	-4.45e-010	-1248387.55
	79	-2.69e-010	10025.26	3.45e-012	692225.77	5.86e-011	-1458555.22
599	77	-1.17e-010	-9418.06	-1.86e-012	312017.10	1.04e-009	-2113799.90
	78	1.17e-010	9418.06	1.86e-012	-312017.10	-9.54e-010	-1466565.15
648	122	9.09e-013	-267.10	-1.34e-012	11102.48	-4.83e-011	-10242.51
	47	-9.09e-013	267.10	1.34e-012	-11102.48	-1.18e-010	-23646.04
649	121	0.00	-40.77	1.02e-012	8198.05	8.24e-011	-3882.15
	122	0.00	40.77	-1.02e-012	-8198.05	2.04e-011	-1291.32
650	120	0.00	-41.14	-3.75e-012	6291.30	7.09e-010	-1505.46
	121	0.00	41.14	3.75e-012	-6291.30	2.34e-010	-3713.95
651	48	1.19e-010	-268.79	-3.90e-012	-8559.48	-2.35e-010	-25312.48
	120	-1.19e-010	268.79	3.90e-012	8559.48	-2.53e-010	-8790.68
652	119	0.00	-725.01	7.34e-012	6459.40	2.72e-010	-13934.70
	46	0.00	725.01	-7.34e-012	-6459.40	2.80e-010	-40441.50
653	118	2.38e-010	-185.91	-1.21e-012	7277.43	1.11e-010	-10738.81
	119	-2.38e-010	185.91	1.21e-012	-7277.43	-2.83e-010	-3205.20
654	117	-2.37e-010	-190.86	2.80e-012	6997.01	-2.68e-010	-3595.75
	118	2.37e-010	190.86	-2.80e-012	-6997.01	-2.68e-010	-10718.91
655	47	0.00	-682.84	2.91e-012	5145.86	2.07e-010	-37530.95
	117	0.00	682.84	-2.91e-012	-5145.86	-1.11e-010	-13682.33

656	116	1.22e-010	-438.82	-1.82e-012	-6850.69	-4.69e-010	-9695.13
	41	-1.22e-010	438.82	1.82e-012	6850.69	-4.83e-010	-33912.78
657	115	0.00	-81.38	7.48e-012	5797.60	-4.98e-010	-6416.14
	116	0.00	81.38	-7.48e-012	-5797.60	-4.77e-010	-1671.35
658	114	0.00	-80.51	-1.80e-012	8143.60	4.81e-010	-1312.27
	115	0.00	80.51	1.80e-012	-8143.60	4.94e-010	-6688.83
659	46	-1.22e-010	-430.13	-1.47e-012	10712.89	1.72e-011	-31165.47
	114	1.22e-010	430.13	1.47e-012	-10712.89	1.55e-010	-11579.56
660	113	-21699.63	-5721.12	7824.56	-93551.07	-20695.97	332173.55
	48	21699.63	5721.12	-7824.56	93551.07	-722646.85	-875289.67
661	112	-10930.61	-3042.36	378.24	-224174.66	-69077.52	-104418.59
	113	10930.61	3042.36	-378.24	224174.66	33164.69	-189608.01
662	111	-11540.57	-3603.04	44.63	-195685.22	26502.93	-555197.85
	112	11540.57	3603.04	-44.63	195685.22	-30597.34	213628.60
663	5	-19093.28	-8670.52	-2190.79	-32600.17	115115.87	-1562674.25
	111	19093.28	8670.52	2190.79	32600.17	93016.44	739042.32
664	110	3183.87	-2744.91	9429.33	-208811.74	-30942.90	68736.63
	47	-3183.87	2744.91	-9429.33	208811.74	-864880.68	-328404.48
665	109	-655.06	-1017.11	-351.14	-205912.94	-42199.73	-91251.02
	110	655.06	1017.11	351.14	205912.94	75362.50	-20591.69
666	108	-2276.39	-1546.83	-92.53	-195450.46	20282.30	-303728.15
	109	2276.39	1546.83	92.53	195450.46	-11963.58	157655.10
667	4	-4742.06	-6321.72	-3135.57	-158288.14	183793.26	-979474.68
	108	4742.06	6321.72	3135.57	158288.14	114087.39	379548.16
668	107	-2222.57	2280.49	11068.23	-218012.10	-73824.53	-60847.18
	46	2222.57	-2280.49	-11068.23	218012.10	-977667.92	270896.45
669	106	383.21	802.72	-461.29	-212752.09	-30033.21	77493.56
	107	-383.21	-802.72	461.29	212752.09	73727.78	48593.26
670	105	1693.75	1071.39	-149.59	-188989.51	25724.07	212410.94
	106	-1693.75	-1071.39	149.59	188989.51	-11755.88	-115651.46
671	3	4145.76	4550.30	-2941.76	-148578.65	171171.89	673886.27
	105	-4145.76	-4550.30	2941.76	148578.65	108295.33	-243936.95
672	104	19904.25	4777.23	9571.42	-94736.55	-68378.67	-213513.06
	41	-19904.25	-4777.23	-9571.42	94736.55	-840906.25	666244.50
673	103	10644.40	2150.60	124.32	-197304.30	-51563.93	64416.74
	104	-10644.40	-2150.60	-124.32	197304.30	39764.25	156408.90
674	102	11369.23	2486.87	-21.75	-182730.26	29247.44	358196.01
	103	-11369.23	-2486.87	21.75	182730.26	-27329.22	-125249.08
675	1	19018.40	6799.46	-1859.32	-45580.34	98426.10	1075758.45
	102	-19018.40	-6799.46	1859.32	45580.34	78210.70	-430248.55
676	54	6.60e-012	-291.69	2.84e-014	22221.18	2.42e-011	-105406.33
	57	-6.60e-012	291.69	-2.84e-014	-22221.18	3.31e-011	-127945.41
677	50	2.68e-011	-2789.51	-1.12e-013	-321942.57	-1.97e-011	-616288.63
	54	-2.68e-011	2789.51	1.12e-013	321942.57	-3.27e-011	-904190.58
678	47	1.94e-011	-2975.14	-2.29e-013	448625.64	9.28e-013	-1115022.36
	50	-1.94e-011	2975.14	2.29e-013	-448625.64	9.09e-013	-700282.96
679	53	-1.31e-011	790.06	-5.95e-014	38298.67	-5.87e-011	292214.50
	58	1.31e-011	-790.06	5.95e-014	-38298.67	-1.69e-011	342167.16
680	49	-3.28e-011	1938.81	-4.28e-013	-303553.28	-1.18e-010	-459613.10
	53	3.28e-011	-1938.81	4.28e-013	303553.28	-1.18e-010	598058.81
681	46	-6.67e-012	2201.02	-2.35e-013	440560.28	1.58e-011	801065.41

49	6.67e-012	-2201.02	2.35e-013	-440560.28	-9.30e-013	545580.99	
682	42	-1.77e-011	2599.70	3.45e-013	-163466.40	4.45e-011	587071.57
	52	1.77e-011	-2599.70	-3.45e-013	163466.40	-3.73e-011	836431.35
683	41	-3.02e-011	2936.05	-2.86e-014	373873.57	1.00e-012	1134018.03
	42	3.02e-011	-2936.05	2.86e-014	-373873.57	-1.29e-012	663191.46
684	53	8.89e-011	-17136.84	9.11e-013	55995.06	-3.58e-011	-3229736.19
	52	-8.89e-011	17136.84	-9.11e-013	-55995.06	-1.25e-010	-3582358.89
685	54	-1.19e-010	-23977.03	-6.77e-013	74604.99	-2.42e-010	-3552536.58
	53	1.19e-010	23977.03	6.77e-013	-74604.99	-1.90e-010	-3640578.44
686	55	3.14e-011	-17995.62	-6.89e-014	41777.85	-4.22e-011	-5134640.82
	54	-3.14e-011	17995.62	6.89e-014	-41777.85	6.39e-011	-3683740.71
687	57	-5.22e-011	-32844.18	2.31e-012	130266.73	3.97e-011	-4742910.06
	58	5.22e-011	32844.18	-2.31e-012	-130266.73	6.54e-011	-5028607.50
688	56	-1.19e-010	-17921.53	-9.74e-013	74396.16	8.59e-012	-4417087.57
	57	1.19e-010	17921.53	9.74e-013	-74396.16	4.05e-011	-3961478.93
689	55	-2.95e-011	-1922.84	5.73e-014	-53269.52	3.06e-011	-700991.37
	56	2.95e-011	1922.84	-5.73e-014	53269.52	1.97e-011	-833258.49
690	51	1.18e-011	-4545.55	6.64e-013	140233.82	-1.99e-010	-1055616.35
	55	-1.18e-011	4545.55	-6.64e-013	-140233.82	-4.38e-010	-1446042.51
691	48	8.84e-012	-4918.01	0.00	411074.71	0.00	-1908087.98
	51	-8.84e-012	4918.01	0.00	-411074.71	0.00	-1093487.41
692	34	-18714.22	-9392.39	-12737.98	-106986.39	2687905.00	-1744143.36
	77	18714.22	9392.39	12737.98	106986.39	1772748.92	-1543314.74
693	31	-14322.58	-5270.14	-16427.64	-106986.39	3112072.34	-980233.10
	74	14322.58	5270.14	16427.64	106986.39	2637919.67	-864464.22
694	28	-7693.51	-4125.96	-17171.43	-106986.39	3197526.86	-773019.01
	71	7693.51	4125.96	17171.43	106986.39	2812604.68	-671300.29
695	25	10277.09	2789.40	-16683.80	-106986.39	3141586.75	683193.08
	68	-10277.09	-2789.40	16683.80	106986.39	2697876.12	297912.75
696	22	-13121.54	6203.94	-16347.92	-106986.39	3103033.67	1310302.87
	65	13121.54	-6203.94	16347.92	106986.39	2618907.74	861669.42
697	19	-2072.66	6460.84	-16726.67	-106986.39	3146511.69	1595003.13
	62	2072.66	-6460.84	16726.67	106986.39	2707949.46	670393.15
698	16	15947.89	13328.99	-13696.02	-106986.39	2798364.34	2680126.98
	59	-15947.89	-13328.99	13696.02	106986.39	1996297.52	1985619.04
699	35	-4402.65	-10480.42	-8031.79	-106986.39	1997083.57	-1869038.67
	78	4402.65	10480.42	8031.79	106986.39	817067.34	-1799122.59
700	32	-5656.87	-5919.94	-9041.09	-106986.39	2113064.03	-1054876.61
	75	5656.87	5919.94	9041.09	106986.39	1053057.19	-1017118.43
701	29	-22139.60	4606.07	-14062.49	-106986.39	2689612.49	828158.45
	72	22139.60	-4606.07	14062.49	106986.39	2232348.68	784094.21
702	26	14842.41	3209.80	-15997.35	-106986.39	2911626.34	731768.45
	69	-14842.41	-3209.80	15997.35	106986.39	2687460.17	394307.26
703	23	-9424.32	7932.74	-15317.91	-106986.39	2833675.30	1508838.44
	66	9424.32	-7932.74	15317.91	106986.39	2527615.30	1267721.06
704	20	-2984.98	7480.40	-15907.03	-106986.39	2901264.37	1712394.03
	63	2984.98	-7480.40	15907.03	106986.39	2666213.57	907541.32
705	17	17501.09	16558.31	-12982.92	-106986.39	2565708.53	3050869.91
	60	-17501.09	-16558.31	12982.92	106986.39	1978507.91	2744617.45
706	36	-18757.29	-10228.92	-10571.07	-106986.39	2214080.56	-1840177.77
	79	18757.29	10228.92	10571.07	106986.39	1485900.71	-1739971.41

707	33	-11479.98	-5789.11	-13181.98	-106986.39	2513643.07	-1039861.89
	76	11479.98	5789.11	13181.98	106986.39	2100069.40	-986348.80
708	30	10753.22	4466.10	-13559.48	-106986.39	2556916.51	811997.07
	73	-10753.22	-4466.10	13559.48	106986.39	2188966.71	751397.72
709	27	13162.63	2834.27	-13504.58	-106986.39	2550656.98	688062.09
	70	-13162.63	-2834.27	13504.58	106986.39	2175953.28	309582.01
710	24	-17297.38	6607.25	-13173.16	-106986.39	2512629.95	1356615.15
	67	17297.38	-6607.25	13173.16	106986.39	2097995.69	956367.63
711	21	-2188.07	6590.61	-13470.42	-106986.39	2546734.36	1609827.58
	64	2188.07	-6590.61	13470.42	106986.39	2167929.66	701040.29
712	18	44436.01	14039.18	-10782.15	-106986.39	2238321.57	2761677.76
	61	-44436.01	-14039.18	10782.15	106986.39	1535482.22	2152461.78
713	39	-1895.03	-9956.29	-7073.07	-106986.39	1771514.71	-1808893.16
	82	1895.03	9956.29	7073.07	106986.39	706371.21	-1675847.56
714	38	-1911.03	-5589.80	-7682.87	-106986.39	1841705.60	-1016972.80
	81	1911.03	5589.80	7682.87	106986.39	848408.00	-939509.24
715	37	1247.07	-4458.43	-7150.23	-106986.39	1780306.50	-811291.69
	80	-1247.07	4458.43	7150.23	106986.39	724773.13	-749207.27
716	45	-19022.71	-9853.16	-12846.18	-106986.39	2583819.47	-1797071.17
	88	19022.71	9853.16	12846.18	106986.39	1913133.75	-1651564.41
717	44	4105.68	-5573.74	-12858.34	-106986.39	2585189.19	-1015148.39
	87	-4105.68	5573.74	12858.34	106986.39	1916061.73	-935692.85
718	43	-8479.02	-4398.68	-12634.48	-106986.39	2559400.90	-804378.53
	86	8479.02	4398.68	12634.48	106986.39	1863721.03	-735283.03
719	40	24665.77	5274.03	-12650.05	-106986.39	2561447.56	1014917.95
	83	-24665.77	-5274.03	12650.05	106986.39	1866649.48	831144.08
720	48	2956.96	2567.71	-10000.26	44436.20	2372637.07	459304.76
	91	-2956.96	-2567.71	10000.26	-44436.20	1144507.19	478081.47
721	47	-574.20	2465.56	-14635.37	71178.21	3678294.19	350483.79
	90	574.20	-2465.56	14635.37	-71178.21	1454173.43	521372.42
722	46	-719.81	-3479.18	-14067.26	71178.21	3597179.78	-595388.82
	89	719.81	3479.18	14067.26	-71178.21	1344973.95	-629121.80
723	41	-3247.81	-3781.18	-9566.93	44436.20	2311454.89	-693794.10
	84	3247.81	3781.18	9566.93	-44436.20	1048293.57	-639613.02
724	51	-6315.88	3657.51	-4341.42	44436.20	1091342.16	647878.54
	94	6315.88	-3657.51	4341.42	-44436.20	475291.97	632439.09
725	50	-4238.68	-3878.29	-6617.79	71178.21	1652900.18	-701056.66
	93	4238.68	3878.29	6617.79	-71178.21	691808.62	-656428.85
726	49	1449.02	-4024.66	-6244.38	71178.21	1615359.42	-722491.97
	92	-1449.02	4024.66	6244.38	-71178.21	609527.70	-686360.82
727	42	5540.99	-3625.77	-4694.91	44436.20	1179708.68	-650056.97
	85	-5540.99	3625.77	4694.91	-44436.20	492027.44	-619000.22
728	55	-36365.51	4583.94	-23248.39	142195.85	5955660.61	800510.71
	98	36365.51	-4583.94	23248.39	-142195.85	2613490.36	810430.73
729	54	-8806.87	2934.81	-24120.99	71178.21	4398054.75	466569.99
	97	8806.87	-2934.81	24120.99	-71178.21	4044923.22	-562180.10
730	53	11363.25	-3544.69	-22086.49	71178.21	4130127.12	-618643.55
	96	-11363.25	3544.69	22086.49	-71178.21	3601421.59	-622991.63
731	52	37206.23	-2951.49	-11147.57	44436.20	2164216.95	-549842.20
	95	-37206.23	2951.49	11147.57	-44436.20	1740769.45	-483965.02
732	56	-22749.10	1836.61	-9597.76	44436.20	1867692.82	338459.64

	99	22749.10	-1836.61	9597.76	-44436.20	1497032.04	331173.74
733	57	-16926.52	1073.40	-23033.77	71178.21	4142159.04	141629.42
	100	16926.52	-1073.40	23033.77	-71178.21	3920670.33	266905.67
734	58	43945.14	-1564.10	-11870.04	44436.20	2233647.01	-270591.00
	101	-43945.14	1564.10	11870.04	-44436.20	1923276.71	-278457.37
735	15	76260.01	1618.21	-17313.89	-125969.09	3704813.32	362570.59
	58	-76260.01	-1618.21	17313.89	125969.09	2875118.99	272556.02
736	14	-31309.36	-2221.62	-27374.61	-191996.79	5751781.20	-656455.67
	57	31309.36	2221.62	27374.61	191996.79	4651465.31	-205844.27
737	13	-38650.44	-5865.33	-16093.56	-125969.09	3553021.15	-1308507.19
	56	38650.44	5865.33	16093.56	125969.09	2563243.56	-923920.97
738	9	52275.78	5123.17	-8675.15	-125969.09	2002012.51	1029465.10
	52	-52275.78	-5123.17	8675.15	125969.09	1296616.79	919948.23
739	10	18503.52	2891.90	-15087.65	-191996.79	3272938.64	617360.19
	53	-18503.52	-2891.90	15087.65	191996.79	2461965.65	487032.08
740	11	-13100.82	-3840.78	-15468.65	-191996.79	3320180.05	-859556.82
	54	13100.82	3840.78	15468.65	191996.79	2559361.57	-600887.86
741	12	-51608.96	-9502.22	-17003.78	-251654.03	6603351.61	-1931452.02
	55	51608.96	9502.22	17003.78	251654.03	-1242110.92	-1681269.97
742	2	5218.01	5834.66	1210.75	-125969.09	470754.65	1119607.97
	42	-5218.01	-5834.66	-1210.75	125969.09	-658308.45	1097956.83
743	6	1163.56	2359.85	1924.55	-125969.09	394606.45	464833.79
	49	-1163.56	-2359.85	-1924.55	125969.09	-886646.98	433039.36
744	7	-4100.58	-3478.51	1970.87	-125969.09	392634.21	-684775.04
	50	4100.58	3478.51	-1970.87	125969.09	-898253.08	-637160.94
745	8	-6007.03	-8905.66	1516.29	-125969.09	415992.26	-1718623.68
	51	6007.03	8905.66	-1516.29	125969.09	-783632.25	-1665645.23

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	0.78	3.15	-0.73	445.21	-702.90	503.93
	472	0.69	-4.79	-1.59	381.60	230.31	1104.14
	473	-0.42	-4.82	-0.70	2776.11	-1520.50	578.11
	382	-0.46	3.19	1.81	212.51	499.40	85.73
105	378	-0.10	-3.61	-0.40	96.90	83.54	484.91
	467	-0.17	-4.73	7.48e-002	33.32	148.65	549.58
	472	0.68	-4.67	-0.33	150.14	163.96	621.65
	381	0.76	-3.56	-0.66	168.49	-180.67	556.23
106	377	-9.46e-002	-2.87	-0.53	41.51	209.73	369.72
	466	-2.08e-002	-4.35	-0.23	5.11	283.04	376.47
	467	-0.14	-4.35	5.79e-002	9.86	170.03	475.21
	378	-5.13e-002	-2.88	-0.33	56.79	108.30	468.23
107	374	2.07e-002	-2.50	-0.50	37.19	250.20	217.09
	465	-5.91e-002	-3.73	-0.21	1.72	330.14	216.98
	466	-4.04e-002	-3.72	-0.29	-1.94	284.67	323.51
	377	-0.12	-2.49	-0.58	34.06	217.95	323.57
108	373	-1.63e-002	-2.01	-0.56	39.47	262.63	61.04
	464	-5.11e-002	-3.04	-0.22	1.25	342.65	60.54
	465	1.54e-002	-3.04	-0.18	1.74	327.89	163.56
	374	5.25e-002	-2.01	-0.52	35.74	253.74	164.16
109	370	-8.35e-003	1.58	-0.54	40.78	264.16	-132.50
	459	-4.45e-002	2.37	-0.21	1.29	342.74	-132.78
	464	8.21e-003	2.36	-0.22	1.61	341.64	-41.86
	373	4.46e-002	1.57	-0.56	39.34	263.44	-41.83
110	369	-6.64e-003	1.14	-0.55	40.75	261.18	-300.32
	458	-3.66e-002	1.71	-0.21	1.37	337.86	-300.37

	459	6.73e-003	1.70	-0.20	1.45	343.15	-186.81
	370	3.64e-002	1.13	-0.54	41.00	263.67	-186.77
111	366	-1.10e-002	0.72	-0.55	39.63	255.64	-468.07
	457	-2.95e-002	1.08	-0.21	1.44	329.89	-467.92
	458	1.10e-002	1.08	-0.21	1.33	339.28	-355.16
	369	2.95e-002	0.72	-0.55	41.10	260.01	-355.31
112	365	-1.76e-002	0.42	-0.54	37.36	246.94	-631.84
	456	2.18e-002	0.63	-0.20	1.51	317.76	-631.51
	457	1.76e-002	0.63	-0.21	1.23	332.18	-521.76
	366	-2.19e-002	0.42	-0.55	40.09	253.85	-522.09
113	303	-2.48e-002	0.50	-0.56	33.92	231.32	-788.89
	453	1.54e-002	0.76	-0.22	1.59	296.82	-788.45
	456	2.49e-002	0.76	-0.21	1.20	321.05	-683.66
	365	-1.55e-002	0.51	-0.54	38.09	244.12	-684.11
114	300	-3.41e-002	0.86	-0.52	31.65	197.66	-935.30
	452	-6.67e-003	1.31	-0.18	1.74	255.05	-935.49
	453	3.20e-002	1.31	-0.22	1.64	300.96	-838.18
	303	-8.02e-003	0.87	-0.56	35.51	225.97	-838.00
115	299	-7.35e-002	1.31	-0.60	43.12	117.49	-1065.23
	451	3.72e-002	1.95	-0.30	4.60	162.99	-1069.85
	452	3.91e-002	1.95	-0.20	4.59	257.78	-982.64
	300	-1.19e-002	1.32	-0.50	36.12	184.79	-978.04
116	296	-0.20	1.71	-0.39	95.45	-73.48	-1165.24
	450	-0.25	2.59	8.67e-002	34.82	-73.59	-1187.31
	451	1.55e-002	2.57	-0.24	18.83	160.64	-1118.81
	299	-4.92e-002	1.69	-0.60	56.60	77.51	-1096.88
117	295	-0.75	2.15	-1.07	138.18	-502.22	-1142.75
	449	-0.68	3.22	-0.42	190.91	-779.80	-1194.38
	450	-0.30	3.28	0.13	71.49	-18.79	-1247.48
	296	-0.23	2.20	0.66	134.97	-213.32	-1196.35
118	245	4.29	1.46	-1.99	1563.47	-1261.31	-408.94
	255	4.32	4.43	-1.86	-884.96	-3176.16	-536.20
	449	-0.61	4.37	-2.64	259.76	128.04	-1114.74
	295	-0.79	1.45	-0.47	312.12	-866.00	-990.82
119	290	-1.59	4.91	-0.20	200.75	-70.03	377.55
	381	-1.71	3.09	-0.72	234.17	-714.61	465.32
	382	-0.86	3.25	3.62	2044.21	285.24	112.92
	293	-0.97	5.07	4.43	-1418.39	598.24	65.37
120	289	7.41e-002	-2.72	-0.24	86.27	-19.06	444.16
	378	-2.82e-002	-3.60	-0.19	74.03	56.74	493.56
	381	-1.69	-3.50	-1.82	310.28	-156.97	435.64
	290	-1.74	-2.62	-1.49	116.85	-47.88	385.53
121	286	7.29e-002	-1.49	-1.08	42.77	106.47	365.66
	377	-1.86e-002	-2.88	-0.80	21.47	171.86	374.01
	378	-6.86e-002	-2.88	-0.15	75.09	87.47	440.59
	289	-0.16	-1.49	-0.36	38.84	57.34	432.12
122	285	1.52e-002	-1.26	-0.66	35.39	135.72	219.18
	374	-6.61e-002	-2.51	-0.60	12.27	209.87	218.87
	377	8.09e-003	-2.50	-0.86	23.76	183.02	320.28
	286	8.85e-002	-1.25	-0.91	24.10	115.11	320.55
123	265	-2.55e-002	-1.01	-0.79	35.83	143.16	62.71
	373	-4.06e-002	-2.02	-0.71	14.53	221.38	61.81
	374	3.48e-002	-2.02	-0.62	16.18	214.12	164.40
	285	3.17e-002	-1.01	-0.70	30.43	136.88	165.45
124	264	-1.40e-002	0.79	-0.74	36.47	143.78	-131.48
	370	-3.79e-002	1.58	-0.68	16.69	222.95	-131.99
	373	1.21e-002	1.58	-0.71	16.20	222.31	-42.01

	265	3.97e-002	0.79	-0.77	35.11	143.00	-41.96
125	263	-9.28e-003	0.57	-0.76	36.25	141.96	-299.89
	369	-2.89e-002	1.14	-0.69	17.52	220.54	-299.98
	370	9.74e-003	1.14	-0.68	16.59	222.37	-187.24
	264	2.84e-002	0.57	-0.75	37.05	143.35	-187.15
126	262	-6.50e-003	0.36	-0.75	35.10	138.81	-468.21
	366	2.25e-002	0.72	-0.69	17.46	215.94	-467.97
	369	6.54e-003	0.72	-0.69	16.38	219.18	-356.08
	263	-2.25e-002	0.36	-0.75	37.33	141.47	-356.32
127	261	-1.06e-002	0.21	-0.75	32.77	133.85	-632.59
	365	1.42e-002	0.42	-0.68	16.86	208.68	-632.03
	366	1.08e-002	0.42	-0.69	15.42	213.88	-523.06
	262	-1.46e-002	0.21	-0.76	36.63	138.25	-523.62
128	260	-1.95e-002	0.25	-0.77	28.87	124.50	-789.85
	303	1.15e-002	0.51	-0.71	16.47	195.42	-789.10
	365	1.84e-002	0.51	-0.68	13.57	205.43	-685.32
	261	-9.81e-003	0.25	-0.74	35.32	133.08	-686.06
129	259	-1.89e-002	0.43	-0.70	24.93	102.70	-933.10
	300	1.19e-002	0.87	-0.62	20.13	166.08	-933.52
	303	2.25e-002	0.87	-0.71	11.37	189.27	-839.70
	260	-6.26e-003	0.43	-0.79	34.59	122.97	-839.28
130	258	-6.02e-002	0.65	-0.91	34.42	45.18	-1045.30
	299	-1.86e-002	1.32	-0.86	44.73	94.61	-1053.99
	300	4.38e-002	1.32	-0.61	14.16	151.12	-980.63
	259	-1.38e-002	0.66	-0.65	41.08	98.86	-971.96
131	257	-7.88e-002	0.88	-0.34	112.33	-106.21	-1085.52
	296	-3.43e-002	1.70	-0.17	156.43	-71.34	-1131.52
	299	9.63e-003	1.70	-0.86	43.22	45.52	-1099.45
	258	-4.58e-002	0.88	-1.04	84.83	34.97	-1053.55
132	256	1.74	1.62	-1.39	384.64	-382.05	-942.61
	295	1.74	2.13	-2.06	617.43	-368.26	-1115.42
	296	-2.75e-002	2.19	0.38	166.23	-271.89	-1189.75
	257	-4.71e-002	1.69	-0.50	275.00	-161.58	-1017.50
133	235	3.42	3.14	-4.45	2053.01	298.23	-239.33
	245	3.50	1.47	-3.21	200.26	-901.97	-455.99
	295	1.75	1.43	-0.82	470.33	-749.66	-973.24
	256	1.63	3.15	-0.50	781.27	-963.64	-745.46
134	471	-1.07 -6.95e-002	11.43	119.37	212.77	732.41	
	290	-1.39	5.10	1.76	218.26	-64.76	357.06
	293	-1.35	5.09	7.89	964.25	460.00	66.61
	200	-1.04 -6.73e-002	1.82	-2510.76	-398.16	367.83	
135	470	0.12 7.83e-003	-0.22	25.68	-9.09	446.26	
	289	5.82e-002 -2.73	-0.44	43.05	-14.25	434.67	
	290	-1.25 -2.81	-3.34	83.87	-33.85	420.73	
	471	-1.07 -6.95e-002	3.90	49.95	13.69	432.96	
136	229	-7.81e-002 -5.07e-003	-1.38	15.04	15.50	361.97	
	286	-2.29e-002 -1.50	-1.27	13.93	71.59	365.93	
	289	-2.66e-002 -1.50	-0.25	56.28	43.09	427.81	
	470	0.12 7.83e-003	-0.34	-19.75	8.39	423.95	
137	469	3.09e-002 2.01e-003	-0.74	8.11	19.92	219.66	
	285	-5.12e-002 -1.26	-0.71	5.01	94.36	220.16	
	286	-9.71e-003 -1.26	-1.10	19.69	81.46	317.97	
	229	-7.81e-002 -5.07e-003	-1.12	-5.57	16.49	317.47	
138	468	3.25e-002 2.11e-003	-0.93	6.12	21.03	63.55	
	265	-3.33e-002 -1.01	-0.89	4.44	100.27	63.29	
	285	-3.48e-002 -1.01	-0.76	8.18	96.40	164.85	
	469	3.09e-002 2.01e-003	-0.80	1.98	19.78	165.15	

139	228	-2.10e-002	-1.36e-003	-0.86	5.56	21.06	-130.58
	264	-3.06e-002	0.79	-0.83	5.69	100.91	-130.79
	265	1.91e-002	0.79	-0.87	5.77	100.51	-42.10
	468	3.25e-002	2.11e-003	-0.91	4.95	20.82	-42.06
140	463	-1.54e-002	-1.00e-003	-0.88	5.26	20.75	-299.18
	263	2.17e-002	0.57	-0.85	6.31	99.71	-299.25
	264	1.61e-002	0.57	-0.83	5.51	100.64	-187.59
	228	-2.10e-002	-1.36e-003	-0.87	5.99	20.95	-187.52
141	462	-8.53e-003	-5.55e-004	-0.88	4.84	20.25	-467.70
	262	1.54e-002	0.36	-0.84	6.46	97.55	-467.65
	263	8.55e-003	0.36	-0.84	5.37	99.25	-356.87
	463	-1.54e-002	-1.00e-003	-0.88	6.32	20.71	-356.92
142	227	-6.79e-003	-4.42e-004	-0.87	3.88	19.47	-632.19
	261	7.98e-003	0.21	-0.83	6.59	94.14	-632.04
	262	6.67e-003	0.21	-0.85	4.87	96.92	-524.24
	462	-8.53e-003	-5.55e-004	-0.88	6.44	20.28	-524.39
143	461	-1.32e-002	-8.60e-004	-0.91	1.43	18.01	-788.87
	260	7.31e-003	0.25	-0.87	8.28	87.62	-788.77
	261	1.17e-002	0.25	-0.83	3.91	93.14	-686.78
	227	-6.79e-003	-4.42e-004	-0.86	6.73	19.56	-686.88
144	460	-1.43e-002	-9.27e-004	-0.80	-5.24	14.69	-927.79
	259	1.54e-002	0.44	-0.76	17.84	71.95	-928.64
	260	1.51e-002	0.44	-0.89	3.31	85.65	-840.29
	461	-1.32e-002	-8.60e-004	-0.92	8.13	18.05	-839.45
145	226	-4.04e-002	-2.63e-003	-1.10	-21.60	6.44	-1019.05
	258	7.90e-003	0.66	-1.07	58.36	28.71	-1025.07
	259	3.11e-002	0.66	-0.72	7.08	67.84	-973.94
	460	-1.43e-002	-9.27e-004	-0.75	13.82	13.97	-967.92
146	455	-0.10	-6.76e-003	-0.40	-44.64	-11.87	-976.22
	257	-6.95e-002	0.88	-0.35	202.44	-91.25	-1005.35
	258	1.92e-002	0.88	-1.21	35.04	21.49	-1057.30
	226	-4.04e-002	-2.63e-003	-1.31	34.68	-1.87	-1028.05
147	454	-1.55	-0.10	3.41	41.68	-24.98	-607.29
	256	-1.65	1.80	-2.83	659.89	-296.71	-727.31
	257	-9.39e-002	1.70	-0.75	177.47	-132.48	-1010.66
	455	-0.10	-6.76e-003	-0.26	107.43	-47.57	-887.80
148	197	4.18	0.27	2.68	2735.21	425.66	303.63
	235	4.08	3.12	-8.25	614.34	441.61	-370.31
	256	-1.76	-3.36	1.04	772.73	-813.43	-613.01
	454	-1.55	-0.10	11.58	421.30	-368.98	195.30
149	244	-1.04	1.34	0.21	306.00	-858.30	842.73
	254	-0.84	4.41	3.48	277.10	126.91	951.85
	255	4.50	4.66	1.88	-886.95	-3169.61	366.63
	245	4.38	1.63	1.85	1581.27	-1250.86	271.21
150	243	-0.18	2.36	-0.46	127.60	-216.66	1051.17
	253	-0.23	2.98	-0.16	75.01	-31.27	1098.30
	254	-0.94	2.91	0.46	181.65	-781.63	1037.61
	244	-0.98	2.28	-1.06	124.31	-502.25	990.25
151	242	-5.08e-002	1.59	0.68	51.95	66.02	963.36
	252	-1.11e-002	2.33	0.28	18.35	140.32	982.93
	253	-0.19	2.34	-5.73e-002	32.57	-82.66	1042.47
	243	-0.15	1.60	0.37	85.05	-82.74	1022.77
152	241	-5.48e-003	1.08	0.58	32.47	159.88	858.39
	251	3.45e-002	1.59	0.22	3.57	222.39	862.08
	252	-5.22e-002	1.58	0.34	3.22	141.92	938.70
	242	-8.44e-002	1.08	0.70	37.74	101.17	934.99
153	240	1.53e-002	0.51	0.67	33.06	188.61	736.45

	250	3.13e-002	0.78	0.26	0.22	251.83	736.07
	251	-2.09e-002	0.78	0.19	0.66	220.30	820.53
	241	-3.72e-002	0.51	0.60	28.40	169.68	820.91
154	239	2.64e-002	0.22	0.61	43.32	190.19	603.49
	249	2.25e-002	0.34	0.20	-1.46	257.76	601.26
	250	-2.45e-002	0.34	0.26	1.09	246.63	692.86
	240	-2.09e-002	0.22	0.67	32.72	191.37	695.09
155	238	6.97e-002	-0.70	0.68	78.02	170.94	457.43
	248	4.99e-002	-1.03	0.32	-3.09	255.28	449.91
	249	-3.32e-002	-1.03	0.23	3.50	244.81	554.82
	239	-1.38e-002	-0.71	0.60	45.95	190.02	562.42
156	237	-0.16	-1.18	0.51	182.93	123.76	280.36
	247	-0.20	-1.84	0.11	10.12	254.44	255.62
	248	-9.37e-003	-1.83	0.25	13.96	217.28	392.62
	238	3.90e-002	-1.17	0.67	87.85	165.15	418.76
157	236	-0.73	-1.77	0.98	388.78	68.17	107.95
	246	-0.68	-2.58	-0.31	161.16	199.82	-122.19
	247	-0.25	-2.64	0.12	58.19	186.73	166.30
	237	-0.20	-1.83	0.72	219.65	88.32	235.52
158	433	1.26	-1.62	1.60	956.76	407.75	270.87
	443	1.26	-3.20	-0.82	1456.38	-578.55	-212.27
	246	-0.64	-3.19	-1.82	350.33	418.63	-422.86
	236	-0.76	-1.65	0.13	631.21	-256.01	110.08
159	234	0.86	2.90	0.39	761.50	-975.80	597.10
	244	0.97	1.36	1.10	458.31	-752.36	823.84
	245	3.59	1.59	3.05	134.45	-887.68	307.89
	235	3.63	3.09	-4.49	2070.93	269.65	142.09
160	233	-5.96e-002	1.90	0.31	264.66	-159.93	880.49
	243	-3.25e-002	2.35	-0.29	156.33	-270.51	1043.59
	244	0.92	2.31	2.06	604.85	-370.04	962.23
	234	0.94	1.86	1.78	359.20	-378.31	799.12
161	232	-4.65e-002	0.88	1.21	78.81	31.90	923.39
	242	3.17e-003	1.60	0.97	37.72	38.38	964.90
	243	-7.98e-002	1.59	0.21	149.25	-79.12	990.45
	233	-0.12	0.88	0.46	96.34	-109.77	948.85
162	231	-7.69e-003	0.54	0.78	36.51	85.95	853.27
	241	4.02e-002	1.08	0.71	11.70	130.48	860.53
	242	-3.42e-002	1.08	0.98	39.50	80.77	924.39
	232	-6.87e-002	0.54	1.06	28.60	37.27	917.09
163	230	7.20e-003	0.26	0.94	31.03	101.87	739.54
	240	2.19e-002	0.51	0.86	11.28	157.34	739.05
	241	-4.07e-003	0.51	0.73	16.47	141.94	819.11
	231	-1.51e-002	0.26	0.82	22.69	87.60	819.60
164	477	6.32e-003	0.11	0.82	37.64	100.32	613.99
	239	3.30e-003	0.22	0.74	20.69	157.84	610.07
	240	-1.45e-002	0.22	0.85	15.83	160.60	695.01
	230	-1.18e-002	0.11	0.94	29.56	101.61	698.93
165	476	4.89e-002	-0.35	1.03	66.85	80.86	491.95
	238	-2.68e-002	-0.71	0.98	51.53	136.71	478.43
	239	-3.70e-002	-0.71	0.73	28.95	157.70	562.30
	477	-1.54e-002	-0.35	0.78	45.31	97.94	575.89
166	475	-8.45e-002	-0.61	0.51	173.27	31.05	387.56
	237	-4.96e-002	-1.17	0.31	163.54	86.62	339.82
	238	-9.66e-003	-1.17	0.96	78.79	128.50	419.70
	476	-3.19e-002	-0.61	1.17	95.66	73.27	468.16
167	474	1.50	-1.46	1.47	498.84	-10.54	336.52
	236	1.48	-1.72	2.07	578.36	65.98	188.16

	237	-1.70e-002	-1.82	0.51	245.23	-30.53	245.48
	475	-2.45e-002	-1.55	0.17	268.47	-23.09	402.76
168	423	1.07	-3.14	4.03	856.93	645.82	406.10
	433	1.12	-1.63	2.75	1299.47	542.98	217.85
	236	1.49	-1.60	9.99e-001	625.96	-287.23	139.90
	474	1.39	-3.09	0.35	684.92	-299.54	320.32
169	448	-1.48	-0.10	-9.90	421.62	-361.64	-257.25
	234	-1.66	3.05	0.96	743.94	-823.28	475.69
	235	4.29	3.12	-8.29	592.26	422.52	230.60
	197	4.18	0.27	-1.36	2740.26	414.86	-448.20
170	225	-0.17	-1.08e-002	0.35	103.43	-44.51	758.75
	233	-6.83e-002	1.91	0.41	167.98	-129.09	871.92
	234	-1.59	2.01	3.11	645.32	-292.97	591.92
	448	-1.48	-0.10	3.43	24.10	-28.10	483.69
171	447	-4.84e-002	-3.14e-003	1.47	32.66	-2.12	899.71
	232	1.03e-002	0.88	1.37	31.42	19.92	926.11
	233	-0.11	0.88	0.48	195.25	-92.66	871.54
	225	-0.17	-1.08e-002	0.58	-49.13	-13.37	845.29
172	224	-9.55e-003	-6.20e-004	0.91	12.36	12.26	850.06
	231	2.66e-002	0.55	0.87	6.04	58.86	855.13
	232	-1.41e-002	0.54	1.22	53.70	23.31	897.93
	447	-4.84e-002	-3.14e-003	1.26	-21.61	5.12	892.86
173	446	-4.73e-003	-3.07e-004	1.10	6.11	15.07	741.41
	230	1.25e-002	0.26	1.06	5.59	70.62	741.59
	231	7.65e-003	0.26	0.90	15.06	61.04	815.52
	224	-9.55e-003	-6.20e-004	0.95	-3.89	12.51	815.32
174	223	-3.60e-003	-2.34e-004	0.95	2.44	14.96	621.40
	477	3.90e-003	0.11	0.90	16.82	69.22	619.42
	230	-6.87e-003	0.11	1.06	8.23	70.96	697.82
	446	-4.73e-003	-3.07e-004	1.11	4.27	14.60	699.80
175	445	3.61e-002	2.34e-003	1.25	-2.99	12.70	517.72
	476	1.46e-002	-0.35	1.21	54.06	52.96	510.49
	477	-2.14e-002	-0.35	0.86	16.27	67.87	574.76
	223	-3.60e-003	-2.34e-004	0.90	11.04	13.49	582.01
176	222	-5.82e-002	-3.78e-003	0.48	2.88	8.80	473.83
	475	-3.49e-002	-0.61	0.39	167.37	-13.24	447.90
	476	-6.03e-003	-0.61	1.35	54.10	49.82	466.69
	445	3.61e-002	2.34e-003	1.45	26.58	6.98	492.57
177	444	-1.50	-0.10	3.49	110.30	22.69	553.49
	474	-1.60	-1.66	2.91	429.18	-36.57	471.65
	475	-6.59e-002	-1.56	0.27	188.57	-18.37	411.86
	222	-5.82e-002	-3.78e-003	0.37	69.18	-18.22	493.02
178	193	1.55	0.10	2.26	853.35	233.86	605.02
	423	1.40	-3.12	7.60	1064.32	642.25	336.24
	474	-1.71	-3.29	1.21	603.88	-332.79	411.99
	444	-1.50	-0.10	10.89	197.23	-107.50	697.78
229	432	0.99	-1.36	-0.19	536.69	-486.86	893.45
	442	-0.89	-3.23	-1.91	435.55	467.98	1234.88
	443	1.36	-3.29	0.42	999.05	-1686.82	819.91
	433	1.37	-1.44	1.64	1179.41	-409.99	477.25
230	431	-0.21	-1.81	-0.55	176.00	99.67	816.33
	441	-0.26	-2.60	7.57e-002	56.97	256.99	857.81
	442	0.93	-2.53	-0.32	112.71	-198.80	961.05
	432	0.97	-1.74	-0.91	280.17	-121.44	917.13
231	430	1.73e-002	-1.31	-0.60	77.38	239.51	619.59
	440	-3.18e-002	-2.00	-0.20	3.16	322.48	629.83
	441	-0.22	-2.01	3.52e-002	3.54	246.21	765.04

	431	-0.18	-1.32	-0.38	125.73	150.64	753.68
232	429	1.22e-002	-1.01	-0.48	51.63	281.91	436.13
	439	-2.44e-002	-1.49	-0.21	-7.67	364.82	436.86
	440	-3.29e-002	-1.49	-0.31	-10.99	335.07	560.81
	430	4.31e-002	-1.01	-0.58	61.04	247.12	559.64
233	428	1.99e-002	-0.77	-0.55	45.42	292.27	282.28
	438	-2.60e-002	-1.15	-0.24	-9.23	375.53	281.71
	439	-2.71e-002	-1.15	-0.18	-10.43	368.27	378.12
	429	3.37e-002	-0.76	-0.50	47.13	282.37	378.42
234	427	3.33e-002	-0.78	-0.51	38.94	288.91	240.62
	437	-2.42e-002	-1.18	-0.19	-8.62	365.93	239.73
	438	-2.61e-002	-1.19	-0.23	-9.54	379.53	249.04
	428	1.82e-002	-0.78	-0.55	44.42	291.04	249.36
235	426	5.49e-002	-1.06	-0.56	21.31	268.53	-341.89
	436	-3.25e-002	-1.57	-0.29	-5.78	327.01	-338.97
	437	-2.69e-002	-1.57	-0.23	-8.02	378.85	263.62
	427	1.27e-002	-1.06	-0.50	39.24	285.02	265.83
236	425	0.18	-1.37	-0.47	-32.68	202.16	-465.51
	435	-0.23	-2.12	-9.31e-002	2.42	213.79	-456.76
	436	-1.83e-002	-2.11	-0.16	-4.30	363.47	-385.62
	426	3.17e-002	-1.35	-0.54	23.54	258.88	-393.84
237	424	0.64	-1.86	-0.65	-138.75	77.52	-498.27
	434	0.60	-2.56	-6.18e-002	6.20	-181.52	-476.91
	435	-0.26	-2.61	-6.42e-002	9.92	304.40	-488.75
	425	0.22	-1.91	-0.75	-19.13	182.59	-509.76
238	403	-0.10	-2.15	-0.78	-77.07	-685.18	-297.05
	413	-0.10	-2.15	-0.72	-238.03	-1076.99	-265.17
	434	0.63	-2.11	0.21	46.50	103.65	-439.58
	424	0.62	-2.10	-0.28	-90.31	-127.76	-471.46
239	422	-1.11	-2.71	-0.49	621.40	-514.61	641.24
	432	-1.21	-1.36	0.95	499.26	-507.72	845.20
	433	1.23	-1.44	2.79	1072.92	346.83	573.72
	423	1.31	-2.83	4.20	998.28	490.45	366.94
240	421	8.56e-002	-1.42	0.33	233.27	-22.79	699.83
	431	-7.08e-002	-1.80	-0.32	165.85	-41.62	806.12
	432	-1.19	-1.74	-2.00	536.07	-84.39	830.55
	422	-1.20	-1.35	-1.36	341.06	-91.20	720.26
241	420	2.59e-002	-0.69	-9.96e-001	83.33	128.91	597.75
	430	-1.52e-002	-1.31	-0.83	36.97	191.97	618.24
	431	-0.11	-1.31	-0.16	116.64	113.04	718.00
	421	0.14	-0.68	0.32	99.50	42.88	696.12
242	419	1.73e-002	-0.50	-0.61	47.88	153.52	433.95
	429	-3.50e-002	-1.01	-0.57	8.55	234.06	436.28
	430	-1.75e-002	-1.01	-0.81	22.29	201.69	551.06
	420	4.04e-002	-0.49	-0.85	45.00	122.47	548.11
243	418	1.45e-002	-0.38	-0.75	39.63	159.11	282.66
	428	-1.91e-002	-0.77	-0.70	4.92	244.15	282.32
	429	-1.06e-002	-0.77	-0.59	3.52	234.67	377.50
	419	1.46e-002	-0.38	-0.65	38.08	151.07	377.48
244	417	1.19e-002	-0.39	-0.65	32.68	157.45	242.70
	427	-1.40e-002	-0.79	-0.60	-5.04	242.48	241.84
	428	-1.93e-002	-0.79	-0.69	5.35	242.51	249.83
	418	1.35e-002	-0.39	-0.75	38.06	158.39	249.91
245	416	3.62e-002	-0.52	-0.83	15.24	147.13	-352.23
	426	-1.43e-002	-1.06	-0.80	-8.31	227.90	-348.57
	427	-3.95e-002	-1.06	-0.59	-12.29	236.91	266.68
	417	1.66e-002	-0.53	-0.62	34.79	156.70	269.31

246	415	0.16	-0.68	-0.38	-43.72	114.07	-495.07
	425	-0.12	-1.35	-0.20	-17.11	178.09	-483.82
	426	-1.96e-002	-1.36	-0.78	-31.14	213.25	-395.72
	416	2.37e-002	-0.69	-0.98	22.58	144.60	-406.17
247	414	1.74	-1.46	-1.08	-205.24	39.43	-560.46
	424	-1.72	-1.80	-1.91	-33.41	57.27	-528.62
	425	-8.29e-002	-1.90	-0.47	-79.95	147.26	-514.74
	415	0.10	-1.56	-0.38	-15.11	105.19	-545.89
248	393	0.24	-3.31	-3.71	-290.12	-459.77	-339.62
	403	0.16	-2.15	-2.21	-167.99	-598.34	-304.79
	424	1.70	-2.04	-1.01	-169.94	-105.83	-484.80
	414	1.62	-3.19	-0.51	-76.77	55.28	-519.95
249	383	-1.90	-0.12	-10.01	232.46	-122.97	415.34
	422	-2.08	-2.92	0.67	481.05	-470.26	573.98
	423	1.65	-2.85	-7.77	935.13	506.83	453.62
	193	1.55	0.10	-1.59	923.98	193.23	266.05
250	221	-3.00e-002	-1.95e-003	-0.28	75.79	-7.88	636.39
	421	-6.60e-002	-1.43	0.38	126.50	-14.18	686.54
	422	-1.99	-1.55	2.49	428.19	-77.16	611.34
	383	-1.90	-0.12	3.12	46.63	-10.03	563.32
251	380	4.25e-002	2.76e-003	-1.18	32.16	17.53	584.42
	420	-1.75e-002	-0.69	-1.12	22.45	88.14	596.42
	421	-3.17e-002	-0.69	-0.28	132.39	-23.10	650.87
	221	-3.00e-002	-1.95e-003	-0.34	-31.18	6.98	638.57
252	220	1.19e-002	7.71e-004	-0.71	19.44	22.97	432.30
	419	-2.28e-002	-0.50	-0.67	-12.63	105.67	433.97
	420	-2.64e-002	-0.50	-0.98	25.89	82.57	537.35
	380	4.25e-002	2.76e-003	-1.01	-5.58	17.99	535.39
253	379	1.22e-002	7.96e-004	-0.89	15.79	24.00	282.52
	418	-1.38e-002	-0.38	-0.84	-14.89	109.79	282.53
	419	-1.32e-002	-0.38	-0.71	7.60	104.06	375.67
	220	1.19e-002	7.71e-004	-0.75	9.09	22.60	375.46
254	219	1.32e-002	8.58e-004	-0.75	13.17	23.60	243.10
	417	-1.26e-002	-0.39	-0.71	-16.10	109.09	242.78
	418	-1.44e-002	-0.39	-0.84	-14.44	109.27	249.74
	379	1.22e-002	7.96e-004	-0.89	13.78	23.96	249.68
255	376	4.58e-002	2.98e-003	-1.00	7.36	21.62	-356.06
	416	-2.18e-002	-0.52	-0.98	-19.15	103.05	-354.55
	417	-2.22e-002	-0.53	-0.68	-20.37	107.80	269.29
	219	1.32e-002	8.58e-004	-0.69	15.05	24.04	270.34
256	218	3.36e-002	2.18e-003	-0.32	-16.64	15.38	-508.51
	415	-7.31e-002	-0.70	-0.25	-24.62	83.58	-503.84
	416	-1.17e-002	-0.69	-1.13	-33.99	98.21	-405.86
	376	4.58e-002	2.98e-003	-1.20	15.32	23.10	-410.17
257	375	-1.85	-0.12	-3.34	-92.60	-9.10	-598.80
	414	-1.95	-1.69	-2.52	-21.87	29.71	-586.74
	415	-0.13	-1.58	-0.53	-71.40	66.01	-544.68
	218	3.36e-002	2.18e-003	-0.32	17.41	19.71	-556.39
258	190	0.16	1.02e-002	-2.43	-489.83	-130.06	-439.03
	393	0.26	-3.31	-7.52	-229.56	-383.86	-321.18
	414	-2.07	-3.43	-0.96	-204.09	56.47	-524.77
	375	-1.85	-0.12	10.90	-13.90	34.32	-643.99
259	402	0.52	-1.11	-0.51	-50.59	236.68	-365.87
	412	-0.57	-0.92	-0.38	-35.17	161.99	-364.59
	413	-5.00e-002	-0.93	-0.73	247.88	345.76	-243.45
	403	0.10	-1.14	-0.85	-328.65	140.76	-244.70
260	401	-0.16	-1.08	-0.53	14.33	272.65	-511.86

	411	-0.17	-1.23	-7.03e-002	-14.41	330.76	-522.76
	412	0.51	-1.19	-0.19	-25.55	287.14	-430.68
	402	0.52	-1.04	-0.35	-51.85	210.41	-419.94
261	400	-5.43e-002	-0.59	-0.38	20.21	272.96	-658.17
	410	-3.46e-002	-0.95	-0.16	-5.23	353.48	-664.35
	411	0.15	-0.96	-0.12	-5.19	322.85	-565.54
	401	0.13	-0.60	-0.34	14.32	262.03	-559.47
262	399	-1.04e-002	-0.39	-0.40	28.44	268.61	-823.25
	409	-1.82e-002	-0.56	-0.21	-2.40	347.35	-824.99
	410	5.84e-002	-0.55	-0.24	-1.16	344.80	-716.33
	400	6.70e-002	-0.38	-0.43	21.41	271.43	-714.62
263	398	-1.39e-002	0.25	-0.44	27.06	256.15	-989.86
	408	-1.30e-002	0.37	-0.20	-1.38	328.02	-989.65
	409	1.48e-002	0.38	-0.17	-1.31	346.79	-880.14
	399	1.39e-002	0.25	-0.41	29.43	266.91	-880.35
264	397	-2.19e-002	0.44	-0.41	19.36	223.94	-1146.69
	407	-8.91e-003	0.67	-0.17	-0.46	283.34	-1145.59
	408	2.00e-002	0.67	-0.20	-1.22	333.44	-1043.67
	398	7.67e-003	0.44	-0.44	28.71	251.49	-1044.77
265	396	-6.38e-002	0.75	-0.44	10.42	140.41	-1279.10
	406	-4.63e-002	1.11	-0.24	3.42	175.68	-1279.22
	407	2.39e-002	1.11	-0.20	1.26	294.23	-1195.63
	397	-6.80e-003	0.76	-0.39	23.98	211.40	-1195.51
266	395	-0.15	1.01	-0.34	13.28	-102.57	-1354.86
	405	-0.18	1.56	0.14	31.70	-141.51	-1364.84
	406	2.58e-002	1.55	-0.17	13.70	195.14	-1324.54
	396	-5.00e-002	1.01	-0.40	25.00	103.51	-1314.56
267	394	-0.50	1.42	-0.52	-32.97	-658.78	-1246.43
	404	-0.48	1.87	-0.33	170.06	-1018.59	-1279.22
	405	-0.20	1.91	0.10	66.42	61.61	-1406.13
	395	-0.17	1.46	0.57	59.03	-236.27	-1373.31
268	353	2.54	1.36	-0.95	1209.16	-1805.36	-351.83
	363	2.63	2.45	-1.60	-587.42	-3832.26	-468.72
	404	-0.50	2.34	-1.91	289.55	-179.47	-1201.55
	394	-0.52	1.32	-0.55	186.12	-1082.09	-1066.87
269	392	-1.70	-2.84	-0.78	-120.31	208.72	-333.04
	402	-1.82	-1.03	-0.76	-123.42	190.29	-357.17
	403	6.55e-002	-1.14	-2.28	109.28	-131.32	-293.32
	393	0.18	-2.97	-3.73	-473.80	-209.73	-268.53
270	391	2.73e-002	-1.29	-0.45	-33.28	155.61	-473.88
	401	-4.79e-002	-1.07	-0.28	-54.44	240.68	-507.26
	402	-1.82	-0.97	-1.50	-100.89	168.46	-418.60
	392	-1.80	-1.18	-0.95	-116.06	127.06	-385.89
271	390	-2.60e-002	-0.32	-0.82	13.51	150.93	-645.57
	400	-1.34e-002	-0.59	-0.60	-15.53	231.78	-657.30
	401	-7.75e-002	-0.58	-0.21	-29.69	223.68	-549.78
	391	9.25e-002	-0.31	-0.31	-21.70	151.59	-538.29
272	389	-1.66e-002	-0.20	-0.48	22.44	146.93	-820.52
	399	-2.66e-002	-0.39	-0.45	2.93	226.66	-823.70
	400	2.40e-002	-0.38	-0.65	7.44	229.91	-710.19
	390	3.41e-002	-0.19	-0.68	17.19	150.25	-707.06
273	388	-8.89e-003	0.12	-0.60	20.82	138.72	-991.40
	398	-7.48e-003	0.25	-0.55	3.12	216.10	-991.25
	399	8.79e-003	0.25	-0.46	2.93	224.68	-879.40
	389	6.77e-003	0.12	-0.51	25.42	146.18	-879.56
274	387	-1.15e-002	0.22	-0.52	11.78	118.17	-1149.88
	397	-9.77e-003	0.44	-0.47	4.41	188.81	-1148.37

	398	1.46e-002	0.44	-0.55	3.91	210.56	-1045.55
	388	-4.02e-003	0.22	-0.60	26.12	137.89	-1047.05
275	386	-3.84e-002	0.38	-0.68	6.18	61.85	-1275.60
	396	-1.58e-002	0.76	-0.65	17.80	116.77	-1276.94
	397	3.10e-002	0.76	-0.45	-9.31	173.91	-1197.66
	387	-1.30e-002	0.38	-0.49	26.94	116.68	-1196.31
276	385	-8.44e-002	0.53	-0.30	14.28	-108.21	-1315.02
	395	-5.84e-002	1.01	-0.17	100.56	-89.20	-1339.22
	396	9.03e-003	1.01	-0.61	8.27	72.37	-1317.73
	386	-2.88e-002	0.53	-0.81	49.88	57.39	-1293.53
277	384	1.86	1.24	-0.97	122.28	-441.03	-1111.19
	394	1.88	1.38	-1.52	487.96	-503.29	-1229.55
	395	-3.12e-002	1.45	-0.27	58.48	-276.01	-1372.59
	385	-3.14e-002	1.33	-0.50	179.98	-157.81	-1254.01
278	343	2.00	2.89	3.52	1395.29	-327.40	-234.54
	353	2.06	1.35	-2.22	187.31	-1369.92	-391.74
	394	1.86	1.26	-0.76	263.00	-961.48	-1061.34
	384	1.75	2.83	-0.66	562.03	-968.86	-863.67
279	372	-1.36	-8.82e-002	-10.56	-55.43	79.02	-210.58
	392	-1.55	-3.05	-1.02	-188.94	171.13	-311.06
	393	0.24	-2.97	-7.54	-55.32	-197.23	-308.24
	190	0.16	1.02e-002	-2.05	-668.04	-114.46	-196.40
280	217	3.84e-002	2.50e-003	-0.27	-7.26	27.33	-450.96
	391	-4.63e-002	-1.30	-0.66	-57.95	108.60	-471.37
	392	-1.44	-1.39	-2.63	-100.69	97.77	-351.26
	372	-1.36	-8.82e-002	-3.24	-40.80	12.34	-331.81
281	371	3.56e-002	2.32e-003	-1.05	3.59	23.19	-639.29
	390	-1.81e-002	-0.32	-0.97	-20.67	105.25	-645.39
	391	-2.04e-002	-0.32	-0.26	-40.87	110.43	-523.58
	217	3.84e-002	2.50e-003	-0.28	4.80	20.88	-517.62
282	216	-4.18e-003	-2.71e-004	-0.53	4.39	21.70	-818.79
	389	-1.31e-002	-0.20	-0.52	-9.39	102.98	-820.47
	390	2.52e-002	-0.19	-0.83	-17.97	106.26	-702.72
	371	3.56e-002	2.32e-003	-0.84	7.00	21.74	-701.06
283	368	-5.32e-003	-3.46e-004	-0.71	2.73	20.15	-991.07
	388	4.02e-003	0.12	-0.68	-5.51	97.46	-991.24
	389	5.05e-003	0.12	-0.55	-11.07	102.38	-878.56
	216	-4.18e-003	-2.71e-004	-0.58	7.57	21.45	-878.40
284	215	-7.29e-003	-4.74e-004	-0.58	-5.80	16.74	-1148.02
	387	8.03e-003	0.22	-0.55	2.99	83.15	-1147.88
	388	9.44e-003	0.22	-0.68	-11.17	96.00	-1047.21
	368	-5.32e-003	-3.46e-004	-0.71	8.51	20.41	-1047.35
285	367	-3.70e-002	-2.40e-003	-0.83	-26.31	8.01	-1260.14
	386	1.82e-002	0.38	-0.82	30.62	42.43	-1262.48
	387	1.89e-002	0.38	-0.52	-13.57	80.26	-1197.33
	215	-7.29e-003	-4.74e-004	-0.54	12.68	17.19	-1194.99
286	214	-6.91e-002	-4.49e-003	-0.33	-66.91	-15.64	-1238.36
	385	-4.99e-002	0.53	-0.32	144.61	-84.70	-1256.22
	386	1.66e-002	0.53	-0.95	6.79	37.04	-1295.22
	367	-3.70e-002	-2.40e-003	-1.02	29.59	6.56	-1277.36
287	364	-1.35	-8.74e-002	-3.04	-78.58	-48.51	-867.62
	384	-1.43	1.42	-2.42	520.84	-321.80	-951.37
	385	-8.27e-002	1.34	-0.75	81.20	-128.16	-1244.89
	214	-6.91e-002	-4.49e-003	-0.27	91.02	-36.37	-1160.50
288	187	2.41	0.16	2.49	1729.30	198.99	231.48
	343	2.33	2.88	6.98	491.16	105.91	-310.65
	384	-1.54	3.03	-0.95	455.72	-770.09	-764.74

	364	-1.35	-8.74e-002	10.25	334.83	-276.14	-384.82
329	352	-0.79	1.73	0.33	253.52	-774.49	1165.92
	362	-0.75	2.62	1.52	377.36	133.67	1210.28
	363	2.64	2.77	1.09	-777.82	-3549.41	547.67
	353	2.62	1.89	0.90	1212.61	-1772.68	497.92
330	351	-0.21	1.80	-0.62	78.43	-69.07	1409.49
	361	-0.24	2.37	0.11	90.74	164.12	1405.63
	362	-0.75	2.31	0.25	82.63	-905.48	1296.89
	352	-0.79	1.73	-0.65	-102.11	-556.21	1300.31
331	350	-1.73e-002	-1.20	0.54	44.08	183.47	1304.23
	360	-3.24e-002	-1.86	0.16	13.49	298.46	1300.01
	361	-0.22	-1.87	7.49e-002	13.11	-47.80	1366.37
	351	-0.18	-1.21	0.42	34.27	18.13	1370.52
332	349	1.35e-002	-0.88	0.47	45.56	265.10	1122.01
	359	2.21e-002	-1.30	0.21	-6.36	362.83	1118.19
	360	-2.74e-002	-1.30	0.28	-8.29	240.83	1239.26
	350	-3.99e-002	-0.88	0.54	22.62	202.08	1243.07
333	348	2.00e-002	-0.63	0.53	50.64	295.59	904.54
	358	2.44e-002	-0.95	0.22	-11.75	389.55	902.49
	359	-2.62e-002	-0.95	0.18	-12.84	337.56	1046.36
	349	-3.34e-002	-0.62	0.49	38.96	271.11	1048.40
334	347	3.42e-002	-0.70	0.49	51.65	308.99	671.20
	357	-2.56e-002	-1.05	0.18	-13.24	399.81	670.53
	358	-2.65e-002	-1.05	0.22	-14.30	378.05	824.29
	348	1.64e-002	-0.70	0.53	48.00	297.86	824.97
335	346	3.52e-002	-1.02	0.53	44.41	311.20	434.19
	356	-1.87e-002	-1.52	0.27	-12.64	393.54	435.18
	357	-2.79e-002	-1.53	0.21	-14.23	398.75	589.55
	347	8.00e-003	-1.03	0.48	50.05	308.96	588.56
336	345	0.20	-1.39	0.46	21.09	288.95	210.25
	355	-0.24	-2.14	6.23e-002	-10.07	347.66	215.15
	356	-4.01e-002	-2.13	0.14	-12.29	409.00	355.81
	346	1.05e-002	-1.39	0.54	43.79	308.89	350.87
337	344	0.62	-1.86	0.70	-63.44	183.84	35.15
	354	0.59	-2.71	0.12	-10.04	196.51	48.35
	355	-0.27	-2.75	5.99e-002	-7.52	394.56	147.36
	345	0.24	-1.91	0.74	25.20	287.84	133.86
338	323	0.11	-2.21	0.77	-160.20	-239.46	-49.15
	333	-8.79e-002	-2.83	0.73	-22.56	-273.08	-39.14
	354	-0.62	-2.81	0.30	7.74	270.22	17.30
	344	0.60	-2.17	0.35	-33.59	181.20	-20.23
339	342	1.37	2.76	0.62	491.69	-845.52	968.84
	352	1.45	1.70	1.02	262.11	-716.41	1135.86
	353	2.15	1.88	2.14	-243.51	-1386.17	475.34
	343	2.17	2.92	3.61	1452.62	-427.17	326.78
340	341	0.12	1.42	0.55	160.77	-57.55	1341.29
	351	0.11	1.78	0.37	58.07	-110.25	1400.93
	352	1.46	1.71	1.78	412.83	-424.15	1277.86
	342	1.47	1.34	1.15	134.47	-351.58	1218.07
341	340	2.07e-002	-0.63	0.92	59.52	108.19	1299.72
	350	2.32e-002	-1.20	0.75	-21.85	141.17	1303.75
	351	0.14	-1.19	0.26	86.07	17.90	1365.46
	341	0.17	-0.62	0.40	-51.96	-39.25	1361.39
342	339	1.33e-002	-0.43	0.60	45.66	147.88	1125.48
	349	3.47e-002	-0.89	0.57	-16.46	217.43	1122.75
	350	-7.24e-003	-0.88	0.75	11.56	170.14	1245.43
	340	3.13e-002	-0.43	0.79	8.07	100.14	1248.15

343	338	1.33e-002	-0.31	0.70	46.69	162.01	906.76
	348	-1.67e-002	-0.63	0.66	-11.25	244.88	904.93
	349	-1.43e-002	-0.63	0.58	-2.37	227.26	1050.79
	339	1.00e-002	-0.31	0.63	28.78	145.89	1052.63
344	337	1.67e-002	-0.35	0.63	46.40	168.79	670.74
	347	-7.86e-003	-0.70	0.58	-9.14	257.11	670.36
	348	-1.99e-002	-0.70	0.66	-5.20	248.79	826.06
	338	1.15e-002	-0.35	0.70	40.26	162.20	826.43
345	336	3.38e-002	-0.51	0.78	38.51	170.95	428.58
	346	-1.25e-002	-1.03	0.75	-10.69	260.68	430.22
	347	-3.61e-002	-1.03	0.57	-8.87	257.26	588.63
	337	1.69e-002	-0.51	0.60	43.30	168.75	586.98
346	335	0.18	-0.70	0.40	15.43	162.62	193.28
	345	-0.16	-1.38	0.30	-19.16	245.81	199.75
	346	-2.51e-002	-1.39	0.76	-20.21	256.28	349.97
	336	1.97e-002	-0.70	0.90	38.14	169.08	343.32
347	334	-1.60	-1.29	0.97	-112.73	108.91	23.00
	344	-1.59	-1.83	1.86	-43.45	159.91	23.62
	345	-0.13	-1.89	0.52	-52.95	239.19	131.20
	335	0.13	-1.38	0.53	21.59	159.11	110.47
348	313	0.38	-2.98	3.58	-321.80	-236.05	-62.05
	323	0.28	-2.21	2.10	-22.06	-224.45	-48.37
	344	-1.57	-2.14	0.99	-115.08	151.27	-23.29
	334	-1.49	-2.87	0.65	-52.78	151.14	-52.39
349	302	-1.87	-0.12	-9.58	345.28	-225.66	630.31
	342	-2.05	-2.98	0.73	346.33	-675.51	904.55
	343	2.51	2.94	7.07	436.77	-266.05	380.58
	187	2.41	0.16	-1.99	1746.23	172.97	262.89
350	213	-9.03e-002	-5.87e-003	0.41	81.77	-10.60	1286.41
	341	-0.14	1.43	0.67	54.24	-52.81	1325.77
	342	-1.96	1.55	2.25	480.11	-242.43	1101.37
	302	-1.87	-0.12	2.97	-211.48	-56.19	1062.99
351	301	-4.44e-002	-2.89e-003	1.09	34.82	16.87	1291.03
	340	-1.04e-002	-0.63	1.04	-22.32	71.81	1296.74
	341	-0.10	-0.63	0.41	122.48	-30.23	1321.44
	213	-9.03e-002	-5.87e-003	0.44	-87.39	-8.99	1315.77
352	212	1.01e-002	6.58e-004	0.69	24.26	23.16	1125.48
	339	-1.93e-002	-0.43	0.66	-24.10	100.63	1125.04
	340	-2.25e-002	-0.43	0.91	15.61	69.05	1239.90
	301	-4.44e-002	-2.89e-003	0.93	-17.68	13.79	1240.33
353	298	1.03e-002	6.69e-004	0.84	22.44	25.09	907.27
	338	-1.16e-002	-0.31	0.79	-21.87	110.73	906.70
	339	-1.09e-002	-0.31	0.68	-10.37	100.70	1051.38
	212	1.01e-002	6.58e-004	0.74	7.90	21.78	1051.95
354	211	1.29e-002	8.42e-004	0.73	21.81	25.94	670.32
	337	-1.04e-002	-0.35	0.68	-21.34	115.73	670.27
	338	-1.34e-002	-0.35	0.79	-16.03	111.62	826.10
	298	1.03e-002	6.69e-004	0.84	16.11	24.68	826.14
355	297	3.99e-002	2.59e-003	0.94	19.39	26.01	425.54
	336	-2.38e-002	-0.51	0.91	-23.72	118.02	426.33
	337	-2.08e-002	-0.51	0.66	-19.70	115.74	586.61
	211	1.29e-002	8.42e-004	0.69	18.78	25.96	585.80
356	210	8.01e-002	5.20e-003	0.42	8.50	23.92	182.81
	335	-0.11	-0.71	0.36	-31.07	114.78	185.71
	336	-2.12e-002	-0.71	1.03	-28.70	115.09	342.86
	297	3.99e-002	2.59e-003	1.10	19.47	26.64	339.82
357	294	1.96	0.13	3.05	-42.10	13.53	-51.12

	334	-2.04	-1.51	2.16	-37.22	85.39	-42.14
	335	-0.16	-1.40	0.66	-55.91	105.15	109.83
	210	8.01e-002	5.20e-003	0.46	19.68	26.61	102.57
358	181	0.62	4.00e-002	2.42	-481.50	-88.51	-121.28
	313	0.65	-2.98	7.10	-106.82	-206.45	-52.56
	334	-2.15	-3.11	0.76	-156.21	131.09	-58.27
	294	1.96	0.13	10.20	-20.17	48.60	-155.49
359	322	0.51	-1.88	-0.61	-56.96	210.11	-159.19
	332	0.54	-2.53	-0.44	-11.04	248.97	-157.91
	333	-5.46e-002	-2.54	-0.69	84.78	373.81	-68.14
	323	0.10	-1.90	-0.80	-166.22	-272.29	-70.09
360	321	-0.17	-1.57	-0.76	19.26	302.57	-297.61
	331	-0.19	-2.12	-0.14	-8.20	401.13	-303.09
	332	0.51	-2.08	-0.25	-9.82	272.30	-208.27
	322	0.53	-1.53	-0.73	-69.58	220.02	-204.87
361	320	-4.71e-002	-0.84	-0.67	31.48	333.97	-471.74
	330	-3.71e-002	-1.32	-0.23	-5.07	441.34	-475.95
	331	-0.16	-1.33	-0.18	-3.00	374.96	-356.20
	321	0.13	-0.84	-0.61	21.99	306.88	-352.75
362	319	-2.11e-002	-0.38	-0.65	40.52	343.51	-679.99
	329	-2.80e-002	-0.55	-0.26	-3.90	447.96	-681.47
	330	5.53e-002	-0.55	-0.30	-2.39	427.05	-542.18
	320	6.55e-002	-0.38	-0.69	31.45	337.40	-540.86
363	318	-3.07e-002	0.46	-0.69	40.27	338.49	-900.23
	328	-1.94e-002	0.69	-0.26	-3.28	436.78	-900.11
	329	3.21e-002	0.69	-0.23	-3.07	444.33	-753.97
	319	2.12e-002	0.46	-0.66	40.88	344.12	-754.12
364	317	-4.38e-002	1.01	-0.66	33.73	310.27	-1117.10
	327	-1.20e-002	1.52	-0.23	-2.35	396.83	-1116.12
	328	4.12e-002	1.52	-0.26	-2.85	440.31	-973.71
	318	9.46e-003	1.01	-0.69	41.71	335.30	-974.69
365	316	-8.50e-002	1.61	-0.70	26.47	225.54	-1313.29
	326	-4.77e-002	2.41	-0.31	2.34	287.33	-1313.73
	327	4.84e-002	2.41	-0.26	0.55	406.95	-1187.36
	317	-6.69e-003	1.62	-0.65	38.93	298.28	-1186.93
366	315	-0.18	2.20	-0.54	29.90	-47.09	-1451.81
	325	-0.19	3.27	-0.14	36.50	-69.41	-1463.00
	326	4.69e-002	3.27	-0.25	16.66	310.54	-1382.12
	316	-5.46e-002	2.20	-0.66	43.96	183.07	-1370.95
367	314	-0.59	2.91	-0.69	-19.35	-595.28	-1381.08
	324	-0.54	3.97	-0.37	181.55	-1014.11	-1411.37
	325	-0.21	4.00	-9.32e-002	83.45	122.30	-1527.29
	315	-0.19	2.95	-0.66	83.34	-177.93	-1497.04
368	277	2.35	3.15	-0.78	1635.65	-1747.51	-419.36
	283	2.50	5.14	-1.49	-1230.04	-4119.81	-482.98
	324	-0.55	4.97	-1.90	319.58	130.47	-1264.79
	314	-0.58	3.00	-0.75	186.96	-1044.56	-1200.20
369	312	1.59	-2.92	-0.94	-79.69	161.35	-157.84
	322	1.70	-1.83	-1.10	-123.99	171.45	-159.10
	323	0.20	-1.89	-2.11	52.33	-245.95	-79.97
	313	0.25	-3.03	-3.50	-329.74	-240.49	-76.88
370	311	3.56e-002	-1.38	-0.65	-17.40	171.04	-282.71
	321	-5.47e-002	-1.56	-0.67	-56.26	258.02	-295.35
	322	1.71	-1.47	-1.77	-60.41	184.36	-204.78
	312	1.70	-1.28	-1.27	-121.77	126.59	-199.73
371	310	-2.17e-002	-0.44	-1.13	25.02	184.40	-463.54
	320	-1.92e-002	-0.84	-0.93	-18.15	280.82	-470.79

	321	7.81e-002	-0.83	-0.60	-19.58	261.96	-346.86
	311	0.10	-0.43	-0.72	-25.51	171.83	-341.24
372	309	-1.97e-002	-0.19	-0.86	33.80	187.81	-677.53
	319	-3.09e-002	-0.39	-0.80	4.45	288.66	-680.04
	320	2.37e-002	-0.38	-0.96	-3.95	285.35	-537.38
	310	3.51e-002	-0.19	-1.02	25.29	184.86	-535.15
373	308	-2.08e-002	0.23	-0.95	32.63	183.49	-901.24
	318	-9.28e-003	0.46	-0.88	3.34	284.67	-901.17
	319	1.91e-002	0.46	-0.81	1.19	289.51	-753.18
	309	5.57e-003	0.23	-0.88	34.75	187.77	-753.29
374	307	-2.99e-002	0.50	-0.88	23.89	164.57	-1119.33
	317	9.68e-003	1.01	-0.81	5.80	260.77	-1118.11
	318	3.13e-002	1.01	-0.88	-1.90	280.81	-975.28
	308	-3.82e-003	0.51	-0.95	37.11	183.33	-976.51
375	306	-5.76e-002	0.81	-1.02	12.72	104.77	-1307.65
	316	1.57e-002	1.62	-0.95	23.43	187.55	-1309.90
	317	4.79e-002	1.62	-0.79	-6.31	246.35	-1188.74
	307	-1.72e-002	0.81	-0.86	40.41	164.31	-1186.51
376	305	-0.11	1.14	-0.73	28.61	-74.08	-1408.05
	315	6.80e-002	2.20	-0.59	121.49	-39.66	-1436.18
	316	3.87e-002	2.21	-0.92	3.94	135.17	-1373.04
	306	-3.73e-002	1.14	-1.13	70.58	103.10	-1344.97
377	304	1.84	1.92	-1.37	173.57	-418.47	-1251.24
	314	1.86	2.92	-1.72	555.64	-433.02	-1385.14
	315	5.31e-002	2.95	-0.54	76.57	-237.06	-1492.70
	305	-5.25e-002	1.98	-0.89	225.77	-123.27	-1358.95
378	271	2.05	3.40	-3.57	1957.82	-99.13	-309.34
	277	2.14	3.14	-2.23	-252.68	-1302.87	-514.94
	314	1.86	3.00	-1.05	298.05	-916.35	-1195.83
	304	1.74	3.27	-0.94	660.36	-1061.42	-988.32
379	292	-1.39 -9.02e-002	-10.25	-28.81	59.22	204.07	
	312	-1.58	-3.13	-1.30	-168.12	134.11	-157.63
	313	0.55	-3.02	-7.02	-99.07	-213.55	-82.53
	181	0.62 4.00e-002	-2.26	-506.42	-98.90	118.28	
380	209	2.54e-002 1.65e-003	-0.77	5.17	28.67	-275.50	
	311	-6.54e-002 -1.39	-0.82	-56.47	117.48	-281.73	
	312	-1.47 -1.48	-2.69	-61.05	95.95	-198.04	
	292	-1.39 -9.02e-002	-3.31	-49.80	14.82	-198.78	
381	291	3.59e-002 2.33e-003	-1.38	8.28	28.08	-459.80	
	310	-1.74e-002 -0.44	-1.30	-24.00	128.08	-463.25	
	311	-1.28e-002 -0.44	-0.74	-30.54	123.55	-335.17	
	209	2.54e-002 1.65e-003	-0.80	7.86	24.08	-332.62	
382	208	-4.67e-003 -3.03e-004	-0.99	8.66	27.87	-676.13	
	309	-1.45e-002 -0.19	-0.95	-12.90	131.10	-677.33	
	310	2.39e-002 -0.19	-1.19	-16.33	130.13	-532.77	
	291	3.59e-002 2.33e-003	-1.22	7.62	26.88	-531.69	
383	288	-1.15e-002 -7.49e-004	-1.13	6.36	26.88	-900.74	
	308	4.66e-003 0.23	-1.07	-8.24	128.36	-900.86	
	309	1.05e-002 0.23	-0.97	-11.93	131.26	-752.79	
	208	-4.67e-003 -3.03e-004	-1.03	9.74	27.64	-752.69	
384	207	-2.06e-002 -1.34e-003	-1.03	-2.92	23.66	-1116.71	
	307	1.28e-002 0.51	-0.98	1.64	115.15	-1116.65	
	308	2.15e-002 0.51	-1.07	-12.60	127.57	-976.85	
	288	-1.15e-002 -7.49e-004	-1.13	11.54	27.18	-976.92	
385	287	-5.06e-002 -3.29e-003	-1.22	-25.67	14.26	-1288.90	
	306	2.38e-002 0.81	-1.18	34.07	71.49	-1291.66	
	307	3.33e-002 0.81	-0.96	-14.21	113.47	-1187.55	

	207	-2.06e-002	-1.34e-003	-1.01	16.54	24.24	-1184.80
386	206	-0.12	-7.65e-003	-0.90	-71.30	-10.82	-1317.88
	305	-5.07e-002	1.14	-0.84	165.81	-62.66	-1338.00
	306	3.71e-002	1.14	-1.30	2.36	69.13	-1346.05
	287	-5.06e-002	-3.29e-003	-1.39	35.41	12.71	-1325.96
387	284	-1.43	-9.27e-002	-3.34	-79.03	-43.80	-964.52
	304	-1.51	2.05	-2.78	601.54	-308.46	-1060.79
	305	-8.00e-002	1.99	-1.14	102.66	-104.66	-1346.28
	206	-0.12	-7.65e-003	-0.82	104.32	-32.64	-1249.96
388	176	2.76	0.18	2.20	2481.59	312.82	93.93
	271	2.81	3.42	-7.37	349.10	143.00	-451.16
	304	-1.62	3.45	-1.31	560.74	-849.84	-872.74
	284	-1.43	-9.27e-002	10.59	409.56	-337.50	-366.62
429	276	-0.56	3.87	-1.28	362.85	-323.83	357.22
	282	-0.56	4.85	-0.61	169.53	217.71	461.29
	283	2.53	5.03	0.58	-291.86	-1322.78	269.74
	277	2.46	4.05	-0.80	1045.16	-415.30	167.28
430	275	-0.21	4.94	-1.48	230.53	-102.90	308.81
	281	0.19	6.81	-0.35	47.56	64.57	340.17
	282	0.56	6.81	-0.60	124.03	-235.31	433.83
	276	-0.56	4.93	-1.66	235.09	-183.75	402.34
431	274	8.21e-002	5.87	-1.38	322.69	-11.61	100.44
	280	0.20	8.69	-0.23	34.22	162.37	75.10
	281	0.22	8.69	-0.34	42.49	-22.36	252.95
	275	-0.15	5.87	-1.50	218.76	-46.90	278.43
432	273	-0.32	6.73	-2.50	596.20	56.28	-188.95
	279	0.35	11.12	-1.37	208.07	184.32	-293.36
	280	0.37	11.13	-0.37	94.13	94.57	-59.63
	274	0.14	6.74	-1.52	352.80	-61.48	49.27
433	272	2.48	4.10	-3.37	2070.11	675.38	-59.25
	278	3.48	19.34	-6.38	309.94	-619.88	-409.46
	279	0.76	19.16	-5.81	383.93	727.08	-531.37
	273	-0.40	3.93	-2.80	819.03	-247.75	-173.69
434	270	1.55	3.36	-2.01	662.17	-585.31	152.63
	276	1.66	3.86	-1.86	481.96	-305.38	337.37
	277	2.25	4.03	-2.21	271.61	-226.04	129.71
	271	2.15	3.54	-3.60	1581.67	455.49	-93.94
435	269	-0.14	2.86	-1.45	311.33	-118.64	218.56
	275	1.83e-002	4.94	-1.65	248.48	-158.42	334.95
	276	1.68	4.93	-2.56	506.78	-136.48	348.81
	270	1.65	2.82	-2.16	441.90	-193.81	232.53
436	268	3.05e-002	2.99	-1.82	352.37	-83.05	238.57
	274	0.21	5.89	-1.82	305.28	-44.83	192.41
	275	0.10	5.88	-1.71	254.47	-69.29	243.83
	269	-0.14	2.98	-1.64	250.40	-97.52	290.04
437	267	2.78	2.43	-2.27	898.59	-84.54	220.13
	273	3.07	6.92	-2.57	881.18	68.21	-47.84
	274	0.27	6.75	-1.97	433.52	-146.63	59.40
	268	-4.17e-002	2.27	-1.67	461.51	-131.97	321.52
438	266	0.87	-1.98	1.19	2540.23	1246.76	230.23
	272	1.15	4.02	-1.68	891.46	789.55	-107.26
	273	2.88	4.11	-2.73	993.65	-249.80	-89.68
	267	2.59	-1.90	-1.56	1153.23	-610.62	244.48
439	205	-1.27	-8.24e-002	-10.91	322.54	-271.37	-480.53
	270	-1.44	3.51	-2.50	702.78	-550.82	77.79
	271	2.90	3.57	-7.35	694.13	545.42	-60.29
	176	2.76	0.18	-2.93	2181.09	383.69	-513.46

440	204	-0.13	-8.58e-003	-1.82	67.29	-34.65	166.57
	269	6.16e-002	2.87	-1.54	256.94	-100.76	247.55
	270	-1.33	2.90	-3.51	529.65	-166.35	73.95
	205	-1.27	-8.24e-002	-4.09	72.43	-4.47	-72.90
441	203	-1.33e-002	-8.64e-004	-2.40	25.27	-7.41	375.42
	268	0.20	3.00	-2.30	322.86	-86.97	352.81
	269	7.32e-002	2.99	-1.68	257.60	-83.68	224.20
	204	-0.13	-8.58e-003	-1.77	16.83	-18.04	246.89
442	202	0.54	3.52e-002	2.30	200.28	31.60	660.48
	267	0.66	2.31	-2.00	798.88	-121.62	506.06
	268	0.15	2.29	-2.18	387.37	-103.00	315.37
	203	-1.33e-002	-8.64e-004	-1.88	100.05	-49.85	469.64
443	175	1.31	8.54e-002	3.41	2967.70	613.67	914.77
	266	1.26	-1.96	-2.83	1350.42	1195.69	155.61
	267	0.64	-2.02	1.53	1199.24	-634.69	397.57
	202	0.54	3.52e-002	7.27	432.90	-334.71	1158.84
600	158	-1.83	-0.96	3.35	593.54	-3309.24	2576.40
	104	-2.42	-9.99	-21.47	-1118.19	-1221.88	2815.39
	41	-0.64	-9.87	0.39	-2728.75	-11112.72	-897.45
	116	-5.50e-002	-0.85	25.21	2213.61	-1363.08	-1099.75
601	157	-0.25	0.90	4.51	126.94	1078.49	3325.43
	103	-0.65	-5.30	2.33	-106.58	1766.89	3565.08
	104	-2.12	-5.39	-6.11	-132.31	-2980.45	3277.13
	158	-1.72	0.80	-3.93	136.30	-1521.56	3040.73
602	156	-0.32	-3.14	1.83	-253.55	3924.34	2440.65
	102	-0.48	-5.65	0.52	393.61	6346.56	2741.47
	103	-0.67	-5.66	2.56	366.58	1300.38	3524.44
	157	-0.51	-3.15	3.87	130.92	1858.77	3214.86
603	155	-6.75	-0.30	3.91	-1216.91	2474.86	-4298.23
	1	-7.37	-9.87	6.55	1287.15	17430.28	-3666.76
	102	-0.72	-9.44	3.51	1747.68	4242.89	2338.65
	156	-0.10	0.13	0.86	-1128.92	6088.71	1779.78
604	154	-4.86	-0.42	-1.03	588.83	-658.50	2713.82
	158	-4.91	-1.16	10.09	458.70	-2252.08	2194.00
	116	-5.50e-002	-0.85	12.22	-213.24	-488.64	1527.19
	115	-6.75e-003	-0.10	1.11	284.31	-466.87	2024.45
605	153	-1.17	-0.15	1.90	207.20	956.44	2820.38
	157	-1.11	0.84	3.44	-210.55	867.76	3404.47
	158	-4.79	0.61	2.80	807.97	-969.78	3133.96
	154	-4.86	-0.39	1.27	320.27	-549.07	2558.99
606	152	-1.73	-3.11e-002	2.30	-446.16	2005.28	2016.29
	156	-1.94	-3.24	2.51	-903.33	3098.07	2548.49
	157	-1.37	-3.21	2.80	216.46	1927.83	3302.62
	153	-1.16	8.23e-003	2.59	-403.43	1512.90	2757.94
607	151	4.23e-002	-0.20	0.27	353.44	922.71	1102.88
	155	5.44e-002	0.14	-4.07e-002	1062.32	1089.08	-952.38
	156	-1.73	2.83e-002	1.54	-451.95	4332.54	1207.60
	152	-1.75	-0.31	1.84	-622.77	1945.86	2187.05
608	150	2.21	0.85	10.08	189.24	-611.91	2581.52
	154	2.16	3.91e-002	-0.63	327.03	-548.43	2363.40
	115	-6.75e-003	-0.10	1.08	54.06	-283.44	2335.89
	114	4.63e-002	0.71	11.77	36.89	-205.51	2558.92
609	149	-1.36	-2.61	3.84	-62.78	848.66	2322.12
	153	-1.20	-0.15	1.81	-136.83	1000.37	2595.65
	154	2.16	6.94e-002	1.68	317.74	-537.23	2645.98
	150	2.00	-2.39	3.71	257.69	-436.13	2366.87
610	148	4.73e-002	0.18	1.53	-440.48	1961.17	1996.46

	152	4.16e-002	8.44e-002	1.98	-374.49	1899.50	2242.93
	153	-1.19	6.58e-003	2.50	-264.68	1389.98	2488.55
	149	-1.18	0.11	2.05	-116.37	1495.01	2261.23
611	147	2.15	0.26	-0.32	621.30	770.37	2302.03
	151	2.13	-6.10e-002	0.76	370.39	606.87	1651.33
	152	2.53e-002	-0.20	1.52	-404.73	1857.43	1766.14
	148	4.42e-002	0.13	0.44	-269.69	2293.39	2289.84
612	107	-0.20	0.88	-16.74	-622.11	-407.78	2364.21
	150	-0.21	0.70	4.92	188.56	-888.57	2482.36
	114	4.63e-002	0.71	24.48	611.28	-346.15	3018.91
	46	5.80e-002	0.89	2.82	-787.74	-3239.75	2862.42
613	106	-0.48	-0.17	2.77	261.98	1296.56	2318.38
	149	-0.64	-2.56	4.71	-89.08	1032.44	2301.00
	150	-0.42	-2.55	-1.46	160.75	-468.23	2400.13
	107	-0.27	-0.16	-3.39	-387.61	-675.78	2418.46
614	105	-0.42	-0.70	1.08	1037.18	2977.41	2004.36
	148	-0.36	0.15	1.60	-185.37	2271.53	2018.41
	149	-0.46	0.15	2.92	176.40	1376.05	2242.94
	106	-0.52	-0.71	2.41	459.25	971.24	2224.90
615	3	4.49	-1.37	2.13	-528.15	7927.95	2993.47
	147	4.60	0.42	-1.68	-168.08	1121.79	3768.08
	148	-0.37	0.10	0.51	-591.14	3163.96	2069.04
	105	-0.48	-1.69	4.32	1501.87	1810.58	1709.24
616	146	0.80	1.15	6.01	-63.31	-1133.75	2480.06
	107	0.79	0.94	-16.66	-511.61	-423.54	2600.16
	46	5.80e-002	0.89	2.82	-1109.93	-3332.13	2128.71
	119	7.19e-002	1.11	25.49	851.27	-481.56	2053.24
617	145	0.13	1.86	5.33	206.99	1086.21	2628.43
	106	-1.33e-002	-0.15	3.08	334.97	1290.28	2413.20
	107	0.72	-0.13	-3.32	-280.68	-719.82	2475.56
	146	0.85	1.90	-1.07	-156.92	-540.22	2688.33
618	144	0.39	-0.88	2.86	757.20	2438.55	2194.90
	105	0.41	-0.65	1.63	991.33	2990.61	2003.00
	106	-4.15e-002	-0.68	2.72	533.92	1036.86	2332.64
	145	-5.65e-002	-0.91	3.94	388.63	1412.53	2526.81
619	143	-7.30	-0.53	0.68	-215.16	1481.01	-2708.61
	3	-7.41	-2.14	3.75	944.33	8224.22	2112.72
	105	0.34	-1.64	4.87	1394.90	1649.35	2052.20
	144	0.45	-3.77e-002	1.78	458.76	3943.03	1841.65
620	142	-4.23	-0.25	-0.68	326.04	-291.61	2562.52
	146	-4.16	0.83	10.86	-130.91	-876.20	2541.52
	119	7.19e-002	1.11	13.87	-179.54	-226.24	2227.37
	118	2.57e-003	3.95e-002	2.34	172.54	-318.17	2240.00
621	141	-0.24	0.10	2.14	130.30	-1131.22	2777.49
	145	-0.13	1.84	4.50	103.68	-1002.83	2734.47
	146	-4.11	1.58	3.78	314.25	-465.90	2700.23
	142	-4.23	-0.18	1.43	-261.19	-327.99	2745.16
622	140	-0.87	6.67e-002	3.66	202.79	2193.39	2241.79
	144	-0.94	-0.97	3.28	-349.56	2133.58	2212.18
	145	-0.31	-0.92	3.11	286.81	1598.04	2639.26
	141	-0.24	0.10	3.49	-84.04	1600.89	2665.69
623	139	-2.29	-8.69e-002	1.07	791.01	1182.18	1191.26
	143	-2.30	-0.21	0.11	476.74	900.10	1517.28
	144	-0.88	-0.12	2.21	403.52	3319.77	1924.17
	140	-0.87	-2.22e-002	3.16	-408.25	2299.97	1823.97
624	138	3.55	-0.66	10.18	100.59	923.12	2500.37
	142	3.61	0.27	-0.61	-401.30	-245.39	2592.96

	118	2.57e-003	3.95e-002	2.45	-225.14	-341.38	2203.90
	117	-5.80e-002	-0.89	13.23	193.49	284.04	2124.38
625	137	-0.41	-1.48	4.32	-167.09	-1065.14	2853.44
	141	-0.31	0.10	2.05	-185.51	-1153.97	2811.68
	142	3.61	0.34	1.50	228.22	-271.67	2734.43
	138	3.51	-1.23	3.77	-435.65	236.04	2772.06
626	136	0.56	1.24	3.47	-327.90	-2586.81	2360.82
	140	0.48	0.14	3.75	-166.49	2279.98	2233.44
	141	-0.31	0.10	3.39	87.48	-1647.85	2687.93
	137	-0.24	1.18	3.11	-412.60	-1791.17	2818.10
627	135	2.07	0.29	0.15	-683.88	-1084.06	1083.28
	139	2.07	0.20	1.06	-953.83	-1312.79	1004.56
	140	0.48	0.10	3.25	500.62	2416.26	1969.15
	136	0.49	0.19	2.34	-542.36	-4282.84	1638.40
628	110	-0.52	-1.31	-14.67	629.54	-250.65	2569.44
	138	-0.49	-0.92	5.37	41.02	1267.68	2427.72
	117	-5.80e-002	-0.89	23.84	-1064.62	603.89	1802.70
	47	-8.31e-002	-1.28	3.81	1369.26	4043.95	1880.39
629	109	-0.73	0.22	2.92	-557.92	-1546.36	2403.45
	137	-0.84	-1.51	5.21	-342.25	-1267.75	2720.29
	138	-0.53	-1.49	-1.06	67.19	298.81	2721.07
	110	-0.42	0.24	-3.34	285.35	611.61	2408.76
630	108	-9.98e-001	0.85	1.74	-1386.10	-3954.76	2071.73
	136	-0.98	1.14	3.13	-1099.52	-3122.55	2330.16
	137	-0.67	1.16	4.00	-583.00	-1586.86	2651.97
	109	-0.68	0.87	2.62	-859.59	-1165.72	2393.19
631	4	7.65	2.39	4.01	-647.92	-10968.22	1932.14
	135	7.54	0.64	0.75	-142.61	-2016.84	2781.88
	136	-1.05	8.95e-002	2.00	-459.47	-5211.61	1713.44
	108	-0.93	1.84	5.27	-2057.87	-2472.81	2428.60
632	134	-1.22	-2.63	3.23	-557.04	429.93	2317.31
	110	-1.13	-1.35	-14.90	891.05	182.93	2153.57
	47	-8.31e-002	-1.28	4.57	769.33	3831.75	2885.16
	122	-0.17	-2.57	22.70	-567.44	357.99	3086.96
633	133	-0.13	2.93	4.96	38.80	-1265.48	2070.58
	109	-0.30	0.25	2.68	-378.68	-1623.56	2146.23
	110	-1.04	0.21	-3.58	567.51	656.17	2276.90
	134	-0.86	2.88	-1.31	-476.65	172.40	2200.04
634	132	-0.63	-0.15	2.02	1042.56	-2417.33	2147.47
	108	-0.56	0.87	1.22	-1975.88	-4022.68	2132.79
	109	-0.26	0.89	2.38	-740.08	-1043.36	2086.31
	133	-0.32	-0.13	3.18	54.95	-1790.43	2104.14
635	131	-5.91	-0.69	-1.87	-459.91	-1418.17	5027.43
	4	-5.77	1.53	2.11	979.58	-10035.65	3990.03
	108	-0.50	1.86	4.74	-2372.63	-3060.48	1539.94
	132	-0.64	-0.34	0.78	1483.22	-3106.42	2351.56
636	130	-1.44	-9.35e-002	0.42	-137.08	206.88	2327.16
	134	-1.61	-2.66	8.53	-140.08	152.74	2435.94
	122	-0.17	-2.57	9.58	-10.90	47.83	2509.53
	121	8.83e-004	1.36e-002	1.46	-61.10	-61.92	2398.62
637	129	0.75	-0.18	2.25	212.92	-1361.19	2451.39
	133	0.95	3.00	4.31	161.95	-1031.69	2086.59
	134	-1.25	2.85	4.00	-181.37	-422.99	2187.45
	130	-1.45	-0.32	1.93	-113.85	355.68	2554.73
638	128	-0.70	-0.30	2.02	465.69	-1905.05	2359.32
	132	-0.69	-0.15	1.84	304.83	-2212.71	2153.77
	133	0.76	-7.63e-002	2.53	109.18	-1721.81	2128.78

	129	0.75	-0.21	2.72	390.91	-1468.56	2321.34
639	127	-1.80	-5.62e-002	0.72	-368.34	139.12	1923.39
	131	-1.83	-0.42	-0.38	-678.45	-744.96	2906.32
	132	-0.70	-0.35	0.60	211.56	-1932.93	2743.31
	128	-0.67	2.20e-002	1.69	342.14	-1883.64	1805.02
640	126	3.50	2.88	8.75	-708.29	1514.41	2181.24
	130	3.33	0.22	0.27	-135.20	180.72	2656.73
	121	8.83e-004	1.36e-002	1.48	-184.40	155.17	2113.60
	120	0.17	2.66	9.98	65.27	244.40	1655.44
641	125	1.20	-1.82	4.21	263.43	-1202.24	3570.74
	129	1.31	-0.14	2.42	-157.85	-1212.26	2749.06
	130	3.32	-1.44e-002	1.77	-48.42	370.57	2440.35
	126	3.21	-1.69	3.57	-837.16	678.92	3250.19
642	124	2.06	2.58	2.29	1080.30	-4031.48	2375.24
	128	1.89	-0.14	1.90	347.61	-2098.87	1821.69
	129	1.30	-0.18	2.89	576.90	-1714.05	2773.04
	125	1.48	2.54	3.28	-114.86	-2494.27	3337.80
643	123	0.27	-0.70	-0.19	-1767.64	-1101.50	-911.16
	127	0.32	8.30e-002	0.61	318.58	-392.38	1206.32
	128	1.91	0.19	1.56	253.72	-2013.78	2105.65
	124	1.86	-0.59	0.77	823.33	-4034.68	706.38
644	113	3.73	10.96	-18.58	2220.26	2624.03	3245.30
	126	3.20	2.86	1.74	-1652.88	2919.06	2940.38
	120	0.17	2.66	23.18	-2122.61	1561.50	-1490.96
	48	0.70	10.76	2.87	2837.91	14128.63	-1210.09
645	112	0.80	5.45	2.02	117.27	-2675.29	4185.19
	125	0.32	-1.88	5.05	143.03	-1445.55	3711.04
	126	2.90	-1.71	-3.45	-977.28	1342.69	3329.52
	113	3.38	5.62	-6.47	1016.69	3834.27	3800.25
646	111	1.11	5.77	0.42	-1900.84	-9557.46	2894.08
	124	0.90	2.50	1.97	1938.95	-4955.93	2359.84
	125	0.61	2.48	4.12	414.10	-2847.08	3515.48
	112	0.82	5.75	2.56	-625.03	-1929.73	4059.74
647	5	8.01	9.95	6.92	-1000.65	-23674.52	-5262.61
	123	7.35	-0.24	3.32	1005.56	-3166.16	-6022.69
	124	0.69	-0.67	0.44	3065.29	-6822.87	1657.30
	111	1.35	9.52	4.04	-3463.21	-8244.01	2372.84

SFORZI "Dinamica SLOh X" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	2440.79	178.53	-138.08	5973.48	25076.12	42668.41
	509	-2440.79	-178.53	138.08	-5973.48	33669.41	33268.12
2	255	-4887.03	203.40	-245.90	-11200.34	37244.78	26066.37
	196	4887.03	-203.40	245.90	11200.34	41024.51	38635.25
3	487	-1020.13	-594.75	43.95	16303.20	-9816.10	-148593.06
	509	1020.13	594.75	-43.95	-16303.20	-14390.48	-177034.98
4	509	140.05	-805.75	974.44	-20253.14	-75962.63	-31670.31
	495	-140.05	805.75	-974.44	20253.14	-40995.24	-65073.15
5	195	659.56	-792.59	-1036.18	5905.31	97434.53	11138.06
	509	-659.56	792.59	1036.18	-5905.31	58422.93	-128230.89
6	403	-29.33	748.62	-97.52	5479.94	3885.05	14195.36
	413	29.33	-748.62	97.52	-5479.94	-555.81	12006.35
7	393	144.69	3115.93	-149.97	7639.14	10665.66	73944.32
	403	-144.69	-3115.93	149.97	-7639.14	-5435.19	35113.22

8	190	163.62	9446.75	-237.68	8316.00	21434.34	512586.40
	393	-163.62	-9446.75	237.68	-8316.00	-13124.62	-181950.24
9	353	-492.19	915.84	-120.23	-17880.07	23279.81	1758.39
	363	492.19	-915.84	120.23	17880.07	-27172.43	31043.94
10	343	-279.18	3123.97	-102.38	-14402.76	-32403.22	67427.24
	353	279.18	-3123.97	102.38	14402.76	35601.87	41916.25
11	187	-389.13	8898.44	-117.58	-13515.26	-47618.37	478753.61
	343	389.13	-8898.44	117.58	13515.26	43885.66	-167309.03
12	323	109.13	753.64	-60.27	1694.78	2909.71	14505.83
	333	-109.13	-753.64	60.27	-1694.78	-844.91	11872.06
13	313	492.56	3000.17	-108.43	2390.94	8753.80	69337.27
	323	-492.56	-3000.17	108.43	-2390.94	-4972.14	35668.90
14	181	862.38	8954.52	-187.00	2594.44	18154.67	489787.51
	313	-862.38	-8954.52	187.00	-2594.44	-11615.76	-176379.66
15	277	-510.09	837.09	169.59	-14599.05	-26440.19	2296.13
	283	510.09	-837.09	-169.59	14599.05	21023.82	27492.03
16	271	606.04	3081.42	213.17	-7880.13	-46796.23	73556.23
	277	-606.04	-3081.42	-213.17	7880.13	39434.59	34297.02
17	176	1054.11	9351.63	514.91	-6792.92	-78113.00	502525.52
	271	-1054.11	-9351.63	-514.91	6792.92	60109.84	-175220.53
18	272	-406.27	226.93	-723.31	5412.86	-52015.99	-27561.83
	278	406.27	-226.93	723.31	-5412.86	45580.52	23540.39
19	266	307.81	1621.52	-784.62	5973.56	-80604.47	36166.62
	272	-307.81	-1621.52	784.62	-5973.56	58486.13	22779.57
20	175	399.69	3677.93	-1060.27	12296.26	-125052.60	192698.98
	266	-399.69	-3677.93	1060.27	-12296.26	89454.48	-64209.46
21	508	1483.52	265.01	-32.45	-26385.06	-8655.69	40664.78
	278	-1483.52	-265.01	32.45	26385.06	16341.20	38877.30
22	506	4314.04	263.55	161.15	5202.46	-38133.97	62112.09
	500	-4314.04	-263.55	-161.15	-5202.46	-37057.94	49456.37
23	167	7567.89	1449.21	-71.74	-3929.08	14061.41	307581.70
	506	-7567.89	-1449.21	71.74	3929.08	8540.30	112282.74
24	507	974.48	130.89	-451.67	-48658.93	76498.32	21834.66
	508	-974.48	-130.89	451.67	48658.93	59010.65	17924.57
25	506	640.53	180.04	293.10	51652.98	-60399.74	38682.39
	507	-640.53	-180.04	-293.10	-51652.98	-65674.87	38753.63
26	505	-527.46	-268.81	-403.15	-60838.08	75828.95	-52161.68
	506	527.46	268.81	403.15	60838.08	81443.25	-52682.90
27	504	-651.07	179.47	284.71	56479.33	-56642.05	42170.10
	505	651.07	-179.47	-284.71	-56479.33	-65813.50	35101.22
28	504	2675.26	-14.08	-195.25	1945.47	20939.35	10368.01
	498	-2675.26	14.08	195.25	-1945.47	60723.18	-14912.79
29	161	6331.46	1180.30	-82.91	4836.19	4843.49	249381.74
	504	-6331.46	-1180.30	82.91	-4836.19	21370.02	92580.47
30	499	-238.14	-207.81	502.34	38759.17	-126955.07	-38588.58
	498	238.14	207.81	-502.34	-38759.17	-89106.28	50925.21
31	500	-638.13	437.64	-797.89	-35613.93	169262.73	86429.67
	499	638.13	-437.64	797.89	35613.93	142111.06	84267.25
32	501	-1207.91	-176.03	800.74	-92787.95	-156038.11	-36455.63
	500	1207.91	176.03	-800.74	92787.95	-188294.62	-39305.57
33	502	-1812.73	656.82	-335.41	30875.50	8210.29	95798.70

	501	1812.73	-656.82	335.41	-30875.50	96492.25	101258.77
34	503	-2575.05	392.13	61.50	33583.40	-4223.77	64552.75
	502	2575.05	-392.13	-61.50	-33583.40	-21146.48	53232.23
35	496	-3219.78	277.49	232.50	71196.87	70614.60	76653.75
	503	3219.78	-277.49	-232.50	-71196.87	-47997.49	64912.85
36	160	-2316.77	1640.64	-302.02	-21259.09	-66824.80	218505.58
	504	2316.77	-1640.64	302.02	21259.09	36819.69	-46251.85
37	163	-213.36	-845.81	-634.80	10181.16	12747.70	28809.50
	505	213.36	845.81	634.80	-10181.16	77808.99	-117317.17
38	166	-1987.81	374.57	-652.00	-11492.52	9294.84	97067.84
	506	1987.81	-374.57	652.00	11492.52	72692.74	-62073.97
39	169	-58.68	-618.64	-505.80	10945.11	30423.34	35559.20
	507	58.68	618.64	505.80	-10945.11	60222.99	-100278.41
40	172	149.00	-1328.83	-397.11	50942.36	60014.20	-161908.36
	508	-149.00	1328.83	397.11	-50942.36	57195.09	23042.14
41	159	-1205.05	1124.68	403.54	-33447.07	-49814.38	250293.86
	498	1205.05	-1124.68	-403.54	33447.07	-67312.15	53561.53
42	162	-261.33	-120.44	816.12	15301.00	-101493.98	50094.39
	499	261.33	120.44	-816.12	-15301.00	-119955.01	-74354.20
43	165	-1660.84	1017.25	787.95	19837.41	-97907.10	200285.01
	500	1660.84	-1017.25	-787.95	-19837.41	-116179.74	76337.71
44	168	-524.40	972.24	910.14	59679.52	-114990.10	205373.23
	501	524.40	-972.24	-910.14	-59679.52	-131782.14	62152.39
45	171	287.43	2017.62	1034.61	23111.49	-132266.29	480950.17
	502	-287.43	-2017.62	-1034.61	-23111.49	-147832.20	64017.92
46	174	-130.61	1506.03	898.04	-44380.80	-114456.16	368956.99
	503	130.61	-1506.03	-898.04	44380.80	-129233.77	-38190.98
47	177	-1834.59	-993.98	586.58	-12422.44	-78619.44	-106586.79
	496	1834.59	993.98	-586.58	12422.44	-88674.77	-162534.04
48	178	-273.26	-1914.65	191.94	-17200.79	-52958.78	-245580.52
	497	273.26	1914.65	-191.94	17200.79	27105.46	-271399.44
49	278	4796.53	-47.67	122.43	8372.89	-38682.44	-11609.87
	496	-4796.53	47.67	-122.43	-8372.89	-42030.77	-19817.79
50	497	-1870.15	1050.55	129.69	5018.20	-32621.60	160968.38
	496	1870.15	-1050.55	-129.69	-5018.20	-26219.73	238691.46
51	478	-2499.97	817.24	-373.49	-23079.13	55901.02	109065.69
	497	2499.97	-817.24	373.49	23079.13	46744.66	111812.22
52	173	4139.48	243.28	-40.43	-9551.63	9408.60	60522.93
	278	-4139.48	-243.28	40.43	9551.63	7617.38	43067.49
53	283	1861.70	23.48	214.85	2222.58	-64944.18	6041.35
	478	-1861.70	-23.48	-214.85	-2222.58	-51761.45	7559.39
54	173	3642.90	-191.96	-171.11	-15859.60	30086.33	-43233.34
	283	-3642.90	191.96	171.11	15859.60	24378.00	-17784.93
55	483	-706.14	-479.76	-72.32	-1114.74	29046.68	-190011.41
	484	706.14	479.76	72.32	1114.74	28795.61	-192751.82
56	482	-1362.81	-609.88	-157.06	48515.42	-38902.72	-141586.20
	483	1362.81	609.88	157.06	-48515.42	47953.63	-194063.71
57	481	-1536.97	-508.13	38.44	7618.95	-28769.37	-151317.79
	482	1536.97	508.13	-38.44	-7618.95	-16410.75	-158690.52
58	480	-1821.97	-537.76	-251.94	-46929.88	83919.76	-154473.36
	481	1821.97	537.76	251.94	46929.88	55255.75	-141323.14

59	479	-2237.97	-398.70	-210.86	35541.90	-72709.59	-119659.63
	480	2237.97	398.70	210.86	-35541.90	62969.07	-135523.03
60	478	-2670.53	-603.30	-294.56	-42299.71	87096.52	-175212.24
	479	2670.53	603.30	294.56	42299.71	79103.36	-162665.94
61	363	-1604.37	-42.22	249.58	3502.57	-70433.00	-6886.41
	480	1604.37	42.22	-249.58	-3502.57	-64138.95	-15827.70
62	186	3179.98	-247.42	-233.62	-18441.82	38613.59	-55483.70
	363	-3179.98	247.42	233.62	18441.82	35798.34	-23160.29
63	473	-503.53	-159.88	210.08	-1136.64	-57725.83	-56020.67
	484	503.53	159.88	-210.08	1136.64	-46441.13	-23357.13
64	255	-3531.34	11.04	232.40	-1589.83	-67306.64	4811.02
	483	3531.34	-11.04	-232.40	1589.83	-53315.01	6341.71
65	492	-366.14	101.20	-749.97	-798.65	117137.22	10059.59
	489	366.14	-101.20	749.97	798.65	107865.25	20802.39
66	494	-484.91	-461.52	225.95	5154.61	-62066.94	-138069.85
	492	484.91	461.52	-225.95	-5154.61	-61084.44	-113456.47
67	492	-830.83	170.53	192.28	-1414.40	-48433.15	25569.54
	495	830.83	-170.53	-192.28	1414.40	-28630.51	42270.83
68	491	-451.65	216.32	51.71	-5242.84	-27409.28	92481.00
	492	451.65	-216.32	-51.71	5242.84	-15111.47	81119.77
69	490	72.01	305.16	-334.88	919.90	54850.03	47281.99
	491	-72.01	-305.16	334.88	-919.90	44798.22	43521.00
70	489	-215.28	-205.07	52.44	-3712.70	-18999.22	-76038.03
	490	215.28	205.07	-52.44	3712.70	-23262.76	-88020.09
71	488	-368.71	-435.17	295.64	3068.13	-81956.89	-129432.57
	489	368.71	435.17	-295.64	-3068.13	-79206.93	-107734.08
72	494	80.35	314.61	-683.66	-1870.08	108482.57	44363.58
	488	-80.35	-314.61	683.66	1870.08	96695.24	50026.09
73	493	220.18	219.82	179.59	6160.49	-24541.62	48324.67
	494	-220.18	-219.82	-179.59	-6160.49	-48023.41	39062.03
74	493	-248.77	-257.54	-61.47	-2386.71	17381.77	-74577.25
	495	248.77	257.54	61.47	2386.71	16404.44	-66426.01
75	473	476.62	-1137.16	337.84	33102.83	-7495.16	-99990.67
	490	-476.62	1137.16	-337.84	-33102.83	-50650.60	-87643.86
76	382	961.09	1904.04	703.35	-18875.41	20867.12	-42526.54
	473	-961.09	-1904.04	-703.35	18875.41	-44541.96	109118.75
77	293	-1556.86	4907.94	650.56	-16988.09	-13946.62	123557.25
	382	1556.86	-4907.94	-650.56	16988.09	-14767.92	48322.73
78	200	-2777.93	10551.65	722.33	-17333.68	-44267.33	553676.77
	293	2777.93	-10551.65	-722.33	17333.68	19897.41	-184375.44
79	255	285.74	-2161.20	-251.81	16111.78	24916.75	-173307.53
	489	-285.74	2161.20	251.81	-16111.78	16641.60	-183290.48
80	245	595.34	2192.68	103.22	-7795.21	18170.75	-60736.89
	255	-595.34	-2192.68	-103.22	7795.21	-16020.33	137460.55
81	235	445.20	4136.11	-117.19	-7207.05	29518.53	74778.73
	245	-445.20	-4136.11	117.19	7207.05	-25600.05	70012.85
82	197	-504.62	10224.02	-306.83	-7082.39	48267.23	519393.76
	235	504.62	-10224.02	306.83	7082.39	-37569.95	-161557.91
83	443	-315.30	-1780.60	-127.26	15507.04	59671.96	-165978.89
	488	315.30	1780.60	127.26	-15507.04	52805.55	-127820.39
84	433	-149.26	2027.16	386.35	7775.49	37346.96	-45021.67

	443	149.26	-2027.16	-386.35	-7775.49	-50224.56	115951.47
85	423	-305.53	3884.86	-251.13	8505.20	30746.95	71929.72
	433	305.53	-3884.86	251.13	-8505.20	-36780.48	64054.28
86	193	-540.43	9661.73	-221.46	9280.75	33148.48	501594.76
	423	540.43	-9661.73	221.46	-9280.75	-30992.68	-163437.36
87	201	198.80	-323.88	215.98	18281.81	-19122.14	13515.49
	491	-198.80	323.88	-215.98	-18281.81	-48907.03	-92325.01
88	196	355.34	-1320.36	-93.45	3570.03	9615.66	-160433.58
	492	-355.34	1320.36	93.45	-3570.03	-22828.63	-196090.23
89	192	-531.65	-1045.05	-363.11	4477.66	27001.01	-136381.43
	494	531.65	1045.05	363.11	-4477.66	88365.18	-145800.41
90	487	-433.55	-1291.69	-96.20	-11376.83	46477.36	-86458.59
	493	433.55	1291.69	96.20	11376.83	49993.39	-68556.13
91	185	-484.90	-2792.74	-405.23	-15687.91	27814.63	-178907.75
	487	484.90	2792.74	405.23	15687.91	-54763.02	-240009.91
92	486	-1098.63	-547.65	-14.37	8954.91	7969.21	-156206.90
	487	1098.63	547.65	14.37	-8954.91	5561.00	-177880.12
93	485	-116.02	-448.83	57.41	27709.97	-15171.38	-143702.46
	486	116.02	448.83	-57.41	-27709.97	-16569.66	-103173.26
94	186	-1283.64	-92.35	-63.93	6383.90	15831.33	-31736.61
	485	1283.64	92.35	63.93	-6383.90	12223.42	-7895.82
95	183	-894.18	-933.84	878.69	14347.62	-112948.67	-8609.88
	485	894.18	933.84	-878.69	-14347.62	19502.28	-134680.11
96	184	-99.77	-2867.34	-412.79	-9247.50	29013.15	-170929.66
	486	99.77	2867.34	412.79	9247.50	-36594.63	-259235.73
97	179	680.39	-1876.47	608.84	-20274.77	-118254.20	-236285.70
	478	-680.39	1876.47	-608.84	20274.77	47355.34	-270405.21
98	182	211.17	-1891.12	798.38	8346.07	-143123.98	-228719.47
	479	-211.17	1891.12	-798.38	-8346.07	-77794.50	-281960.61
99	188	-412.08	-1864.54	-640.86	-15377.90	115316.61	-229435.06
	480	412.08	1864.54	640.86	15377.90	60678.96	-274039.55
100	191	-39.51	-1971.05	662.29	27773.61	-132113.62	-239594.01
	481	39.51	1971.05	-662.29	-27773.61	-49906.21	-292679.39
101	194	-122.28	-2075.26	-556.42	-25001.72	111730.66	-260051.27
	482	122.28	2075.26	556.42	25001.72	-44474.82	-300304.37
102	198	1220.76	-2039.27	-2748.10	-50796.62	693088.50	-186374.35
	483	-1220.76	2039.27	2748.10	50796.62	60783.76	-366314.79
103	199	727.24	-958.86	-158.83	-15126.43	56782.13	-82945.32
	484	-727.24	958.86	158.83	15126.43	-21344.37	-177428.20
179	472	-1773.85	-28.61	-16.44	388.02	-378.45	-239.49
	473	1773.85	28.61	16.44	-388.02	1157.97	-1286.58
180	467	-1649.42	2.72	-4.85	176.47	-251.71	177.28
	472	1649.42	-2.72	4.85	-176.47	428.52	-32.54
181	466	-1492.14	0.72	-1.73	125.63	-271.53	144.81
	467	1492.14	-0.72	1.73	-125.63	273.83	-106.43
182	471	-5.30e-011	-176.92	-1.82e-012	373.85	-1.26e-010	-2431.47
	200	5.30e-011	176.92	1.82e-012	-373.85	1.26e-010	-7004.10
183	470	-1.83e-011	-12.63	-4.62e-012	183.09	5.82e-011	-443.78
	471	1.83e-011	12.63	4.62e-012	-183.09	5.82e-011	-229.92
184	229	-5.95e-011	-15.73	-2.60e-012	132.54	-4.73e-012	-165.44
	470	5.95e-011	15.73	2.60e-012	-132.54	5.83e-011	-673.52

185	469	-5.95e-011	-9.96	-5.04e-012	-86.11	-4.73e-012	-210.27
	229	5.95e-011	9.96	5.04e-012	86.11	5.85e-011	-320.75
186	468	-7.74e-012	-11.29	-3.43e-014	-42.62	-1.15e-012	-205.19
	469	7.74e-012	11.29	3.43e-014	42.62	5.82e-011	-397.09
187	228	-7.00e-011	-10.84	-3.65e-012	-34.93	-1.26e-010	-233.59
	468	7.00e-011	10.84	3.65e-012	34.93	2.28e-010	-344.73
188	465	-1265.06	-0.75	-0.62	-82.45	-288.16	77.91
	466	1265.06	0.75	0.62	82.45	277.30	-117.61
189	464	-1016.24	-2.06e-002	-0.21	-40.81	-293.31	84.29
	465	1016.24	2.06e-002	0.21	40.81	288.95	-84.80
190	459	-767.89	-0.13	-0.10	-34.64	-292.72	55.86
	464	767.89	0.13	0.10	34.64	293.24	-62.81
191	458	-520.02	-0.11	-0.13	-75.38	-288.59	39.08
	459	520.02	0.11	0.13	75.38	292.45	-44.62
192	457	-272.19	-0.11	-0.18	-122.45	-281.19	18.78
	458	272.19	0.11	0.18	122.45	288.18	-24.49
193	456	-26.04	-0.11	-0.25	-169.51	-269.21	-1.92
	457	26.04	0.11	0.25	169.51	280.52	-4.23
194	463	-6.57e-011	-11.01	-1.82e-012	-75.44	8.31e-011	-250.58
	228	6.57e-011	11.01	1.82e-012	75.44	8.30e-011	-336.48
195	462	5.53e-012	-10.94	4.22e-012	-122.67	1.96e-012	-270.09
	463	-5.53e-012	10.94	-4.22e-012	122.67	0.00	-313.15
196	227	-7.00e-011	-11.00	-1.82e-012	-169.99	5.84e-011	-292.99
	462	7.00e-011	11.00	1.82e-012	169.99	5.83e-011	-293.82
197	461	-7.16e-011	-10.86	-2.60e-012	-215.63	1.11e-010	-302.56
	227	7.16e-011	10.86	2.60e-012	215.63	2.94e-011	-276.71
198	460	-1.05e-010	-11.24	-1.82e-012	-257.20	6.57e-011	-350.79
	461	1.05e-010	11.24	1.82e-012	257.20	6.57e-011	-248.45
199	226	-7.77e-011	-10.15	-1.40e-013	-288.46	2.94e-011	-288.47
	460	7.77e-011	10.15	1.40e-013	288.46	2.92e-011	-252.83
200	453	224.05	-0.12	-0.39	-214.87	-248.50	-19.15
	456	-224.05	0.12	0.39	214.87	267.81	12.78
201	452	472.29	-4.71e-002	-0.71	-257.02	-208.20	-43.26
	453	-472.29	4.71e-002	0.71	257.02	244.73	40.96
202	451	720.23	-0.58	-1.48	-294.21	-121.14	-66.24
	452	-720.23	0.58	1.48	294.21	196.99	35.30
203	450	949.55	0.72	-3.59	-325.14	110.03	-64.36
	451	-949.55	-0.72	3.59	325.14	92.00	102.93
204	449	1186.34	3.54	-11.50	-342.37	764.14	38.68
	450	-1186.34	-3.54	11.50	342.37	-153.74	150.57
205	255	1621.06	-46.29	-42.40	-240.11	2767.67	-1955.97
	449	-1621.06	46.29	42.40	240.11	-542.26	-513.33
206	455	-7.77e-011	-14.76	-4.88e-012	-290.93	2.92e-011	-586.60
	226	7.77e-011	14.76	4.88e-012	290.93	-5.49e-012	-200.60
207	454	-8.62e-011	-9.70	2.80e-012	-216.44	6.45e-011	-144.95
	455	8.62e-011	9.70	-2.80e-012	216.44	6.57e-011	-372.55
208	197	-8.32e-011	-163.60	-2.56e-012	182.36	5.83e-011	-6370.62
	454	8.32e-011	163.60	2.56e-012	-182.36	2.96e-011	-2355.09
209	254	-1246.28	-40.95	35.70	340.14	-352.60	-444.86
	255	1246.28	40.95	-35.70	-340.14	-2256.82	-1787.27
210	253	-848.49	3.41	9.30	401.88	-68.18	128.71

	254	848.49	-3.41	-9.30	-401.88	571.21	57.14
211	252	-614.81	0.86	-2.84	372.38	-126.77	78.52
	253	614.81	-0.86	2.84	-372.38	42.72	-31.56
212	251	-393.86	-0.60	-1.19	335.79	-214.13	8.27
	252	393.86	0.60	1.19	-335.79	151.13	-40.59
213	250	-156.73	-6.35e-002	-0.60	295.17	-253.81	17.18
	251	156.73	6.35e-002	0.60	-295.17	222.34	-20.16
214	249	81.81	-5.67e-002	0.39	249.89	-273.73	-13.66
	250	-81.81	5.67e-002	-0.39	-249.89	254.14	11.19
215	248	319.05	-0.62	0.58	198.63	-290.64	-36.53
	249	-319.05	0.62	-0.58	-198.63	266.74	3.36
216	247	541.27	0.80	1.55	-133.94	-329.38	-25.83
	248	-541.27	-0.80	-1.55	133.94	267.79	69.62
217	246	762.07	3.21	2.93	-52.78	-408.94	52.45
	247	-762.07	-3.21	-2.93	52.78	286.19	122.45
218	443	1056.75	-33.63	14.26	-259.08	-471.00	-1471.21
	246	-1056.75	33.63	-14.26	259.08	552.78	-361.58
219	448	1.04e-011	-160.39	2.05e-012	-118.71	-2.92e-011	-2440.49
	197	-1.04e-011	160.39	-2.05e-012	118.71	-2.92e-011	-6300.69
220	225	1.04e-011	-8.97	2.80e-012	276.79	2.91e-011	-372.75
	448	-1.04e-011	8.97	-2.80e-012	-276.79	4.17e-011	-116.14
221	447	1.04e-011	-13.39	2.05e-012	338.45	-1.82e-012	-202.44
	225	-1.04e-011	13.39	-2.05e-012	-338.45	-2.91e-011	-527.30
222	224	-7.03e-012	-9.18	3.26e-012	329.66	2.92e-011	-258.57
	447	7.03e-012	9.18	-3.26e-012	-329.66	-1.88e-012	-241.69
223	446	1.56e-011	-10.12	3.31e-012	295.76	2.91e-011	-245.68
	224	-1.56e-011	10.12	-3.31e-012	-295.76	-2.92e-011	-305.95
224	223	-6.25e-012	-10.11	2.11e-012	254.02	7.37e-011	-299.49
	446	6.25e-012	10.11	-2.11e-012	-254.02	9.28e-011	-251.72
225	445	-1.50e-011	-9.18	-2.55e-012	212.65	-2.92e-011	-236.87
	223	1.50e-011	9.18	2.55e-012	-212.65	-6.46e-011	-263.58
226	222	2.10e-011	-13.33	1.30e-012	182.06	-2.91e-011	-516.16
	445	-2.10e-011	13.33	-1.30e-012	-182.06	4.07e-011	-210.08
227	444	2.10e-011	-9.81	5.16e-012	183.14	1.43e-012	-143.78
	222	-2.10e-011	9.81	-5.16e-012	-183.14	5.49e-013	-390.97
228	193	2.10e-011	-158.31	-3.93e-012	227.72	2.92e-011	-6185.84
	444	-2.10e-011	158.31	3.93e-012	-227.72	-1.40e-012	-2442.26
289	383	-4.85e-012	-130.44	1.03e-012	-206.84	2.92e-011	-2320.43
	193	4.85e-012	130.44	-1.03e-012	206.84	4.74e-011	-5636.58
290	221	-4.85e-012	-8.52	-1.06e-012	-336.77	-4.15e-011	-303.82
	383	4.85e-012	8.52	1.06e-012	336.77	5.98e-011	-215.98
291	442	-1227.96	-28.54	49.11	524.36	-192.89	-363.43
	443	1227.96	28.54	-49.11	-524.36	-2998.42	-1377.87
292	441	-968.72	2.18	11.63	-450.26	228.09	132.06
	442	968.72	-2.18	-11.63	450.26	-522.59	-2.61
293	440	-746.15	1.20	-3.51	-374.32	414.13	96.33
	441	746.15	-1.20	3.51	374.32	-215.92	-22.94
294	439	-525.62	-0.78	-1.39	-287.71	500.99	10.85
	440	525.62	0.78	1.39	287.71	-420.26	-58.20
295	380	-2.89e-011	-9.71	9.10e-013	-347.66	-4.99e-011	-148.42
	221	2.89e-011	9.71	-9.10e-013	347.66	9.10e-013	-444.03

296	220	-5.55e-012	-6.94	1.62e-012	-283.84	3.90e-011	-201.49
	380	5.55e-012	6.94	-1.62e-012	283.84	3.66e-011	-221.57
297	379	-5.52e-012	-7.68	2.89e-012	197.51	5.31e-011	-197.42
	220	5.52e-012	7.68	-2.89e-012	-197.51	4.48e-011	-271.21
298	219	-7.04e-012	-7.72	8.76e-013	118.86	-3.15e-011	-244.18
	379	7.04e-012	7.72	-8.76e-013	-118.86	4.74e-011	-226.67
299	438	-294.98	-0.29	-0.57	197.82	532.57	20.23
	439	294.98	0.29	0.57	-197.82	-501.66	-37.82
300	437	-62.93	-0.22	0.31	119.43	530.66	-6.32
	438	62.93	0.22	-0.31	-119.43	-533.61	-7.39
301	436	172.71	-0.98	0.95	100.63	487.15	-42.88
	437	-172.71	0.98	-0.95	-100.63	-537.05	-17.03
302	435	398.46	1.22	2.77	151.37	351.25	18.23
	436	-398.46	-1.22	-2.77	-151.37	-505.07	56.38
303	376	-7.04e-012	-6.70	1.01e-012	103.29	3.29e-011	-184.39
	219	7.04e-012	6.70	-1.01e-012	-103.29	6.05e-011	-224.04
304	218	-9.14e-012	-10.15	-4.56e-013	165.36	-4.74e-011	-437.43
	376	9.14e-012	10.15	4.56e-013	-165.36	-2.80e-011	-181.58
305	375	-1.26e-011	-10.25	-9.84e-013	230.74	2.91e-011	-231.48
	218	1.26e-011	10.25	9.84e-013	-230.74	2.81e-011	-393.99
306	190	-1.03e-011	-141.21	1.36e-012	257.81	3.66e-011	-6010.32
	375	1.03e-011	141.21	-1.36e-012	-257.81	3.72e-011	-2603.68
307	434	584.20	1.77	7.47	193.22	-178.04	-9.07
	435	-584.20	-1.77	-7.47	-193.22	-385.32	116.60
308	413	427.63	4.60	17.88	159.06	-1155.59	109.74
	434	-427.63	-4.60	-17.88	-159.06	164.91	170.95
309	412	-233.86	5.17	-3.83	-113.69	-291.82	143.98
	413	233.86	-5.17	3.83	113.69	421.98	140.68
310	411	-455.11	1.79	-2.19	-187.02	451.47	101.40
	412	455.11	-1.79	2.19	187.02	397.61	-3.35
311	372	5.46e-011	-164.87	-1.89e-012	-63.95	-5.82e-011	-2630.61
	190	-5.46e-011	164.87	1.89e-012	63.95	-7.46e-011	-6437.37
312	217	-7.22e-011	-10.19	-9.11e-013	-149.53	4.57e-011	-426.77
	372	7.22e-011	10.19	9.11e-013	149.53	7.87e-011	-133.69
313	371	-7.22e-011	-11.59	1.45e-012	-239.36	6.01e-011	-176.35
	217	7.22e-011	11.59	-1.45e-012	239.36	7.06e-011	-461.06
314	216	-7.12e-011	-6.84	-2.01e-012	-328.60	4.81e-011	-213.66
	371	7.12e-011	6.84	2.01e-012	328.60	7.99e-011	-162.34
315	410	-349.56	0.41	-0.93	-254.32	495.55	28.26
	411	349.56	-0.41	0.93	254.32	-459.42	-5.98
316	409	-182.26	-1.32	-0.28	-332.98	493.71	-18.58
	410	182.26	1.32	0.28	332.98	-491.74	-54.03
317	408	-13.70	-0.46	-0.57	-415.24	465.90	-10.17
	409	13.70	0.46	0.57	415.24	-490.88	-15.44
318	407	176.43	-0.50	1.25	-494.20	398.35	-30.28
	408	-176.43	0.50	-1.25	494.20	-462.04	-3.80
319	368	-7.18e-011	-8.04	-7.22e-013	-415.42	2.98e-011	-204.16
	216	7.18e-011	8.04	7.22e-013	415.42	7.27e-011	-237.99
320	215	1.81e-011	-8.00	-8.26e-013	-496.40	-5.74e-011	-250.16
	368	-1.81e-011	8.00	8.26e-013	496.40	-8.89e-011	-189.97
321	367	-6.64e-011	-6.97	-1.22e-012	-561.23	8.72e-011	-182.47

	215	6.64e-011	6.97	1.22e-012	561.23	3.65e-011	-200.63
322	214	-3.70e-012	-11.22	1.11e-012	-577.90	2.88e-011	-455.73
	367	3.70e-012	11.22	-1.11e-012	577.90	7.23e-011	-161.39
323	406	354.71	-1.22	-2.86	-563.15	238.80	-62.93
	407	-354.71	1.22	2.86	563.15	-385.86	-4.92
324	405	521.72	0.36	-7.31	-613.17	239.27	-24.42
	406	-521.72	-0.36	7.31	613.17	-202.17	44.45
325	404	643.60	1.81	-22.76	618.90	1534.05	-8.05
	405	-643.60	-1.81	22.76	-618.90	-291.52	107.41
326	363	559.11	-4.50	-77.99	410.45	5431.07	-252.44
	404	-559.11	4.50	77.99	-410.45	-1149.98	34.68
327	364	6.92e-011	-9.56	-6.68e-013	456.05	-3.32e-011	-146.12
	214	-6.92e-011	9.56	6.68e-013	-456.05	-5.08e-011	-379.95
328	187	-5.95e-011	-152.64	-2.06e-012	123.51	-2.71e-011	-5980.43
	364	5.95e-011	152.64	2.06e-012	-123.51	1.75e-011	-2414.82
389	362	-552.83	-1.27	-56.87	-635.55	-384.62	94.17
	363	552.83	1.27	56.87	635.55	3994.75	-139.77
390	361	-668.85	1.53	-17.06	-719.23	-148.27	113.65
	362	668.85	-1.53	17.06	719.23	972.16	-15.77
391	302	-3.28e-011	-119.64	6.13e-013	-181.08	3.04e-011	-2338.83
	187	3.28e-011	119.64	-6.13e-013	181.08	-3.21e-011	-5317.85
392	213	7.58e-012	-7.75	1.27e-012	-609.69	-1.01e-011	-287.16
	302	-7.58e-012	7.75	-1.27e-012	609.69	-1.88e-011	-208.94
393	301	7.58e-012	-6.98	-5.02e-013	-648.89	-3.85e-011	-99.61
	213	-7.58e-012	6.98	5.02e-013	648.89	-2.33e-011	-347.04
394	212	-2.33e-011	-4.27	-6.38e-013	-578.79	-2.48e-011	-134.99
	301	2.33e-011	4.27	6.38e-013	578.79	-3.31e-011	-138.51
395	360	-533.30	1.26	-5.43	-667.93	410.13	71.85
	361	533.30	-1.26	5.43	667.93	116.15	8.76
396	359	-374.66	-0.95	-2.13	-579.18	526.49	-3.84
	360	374.66	0.95	2.13	579.18	-394.88	-56.92
397	358	-212.82	-0.38	-0.99	-472.47	576.93	8.93
	359	212.82	0.38	0.99	472.47	-516.00	-32.96
398	357	-52.39	-0.36	-0.45	-356.04	597.75	-11.79
	358	52.39	0.36	0.45	356.04	-571.32	-11.81
399	298	-2.38e-011	-5.09	8.79e-013	-473.50	2.85e-011	-134.99
	212	2.38e-011	5.09	-8.79e-013	473.50	1.84e-011	-190.87
400	211	-2.38e-011	-5.10	9.64e-013	-355.70	-3.41e-011	-170.76
	298	2.38e-011	5.10	-9.64e-013	355.70	-3.61e-011	-155.62
401	297	-2.38e-011	-4.22	-4.08e-013	-232.84	3.14e-011	-115.72
	211	2.38e-011	4.22	4.08e-013	232.84	1.41e-011	-154.25
402	210	2.76e-011	-7.10	9.84e-013	-111.03	-4.91e-011	-332.83
	297	-2.76e-011	7.10	-9.84e-013	111.03	-3.10e-011	-121.31
403	356	120.02	-0.99	-0.19	-236.10	589.97	-39.07
	357	-120.02	0.99	0.19	236.10	-599.25	-24.67
404	355	278.14	1.24	1.36	-121.58	519.43	30.39
	356	-278.14	-1.24	-1.36	121.58	-604.19	49.01
405	354	402.21	1.52	4.30	-39.36	287.37	-3.67
	355	-402.21	-1.52	-4.30	39.36	-550.91	95.74
406	333	189.86	4.80	10.48	41.35	-408.65	152.50
	354	-189.86	-4.80	-10.48	-41.35	-293.34	155.12

407	294	-1.34e-011	-8.11	3.20e-013	39.64	-3.12e-011	-196.31
	210	1.34e-011	8.11	-3.20e-013	-39.64	-3.36e-011	-322.64
408	181	-1.28e-011	-122.80	-1.24e-012	122.24	4.26e-011	-5442.74
	294	1.28e-011	122.80	1.24e-012	-122.24	2.22e-011	-2416.67
409	332	-492.05	4.17	-6.39	-45.30	-310.27	162.87
	333	492.05	-4.17	6.39	45.30	257.59	71.61
410	331	-612.42	1.88	-3.32	-112.91	562.79	114.88
	332	612.42	-1.88	3.32	112.91	-400.60	-9.86
411	292	3.28e-011	-158.13	1.48e-012	-72.84	-7.31e-011	-2618.80
	181	-3.28e-011	158.13	-1.48e-012	72.84	-3.69e-011	-6236.70
412	209	-1.82e-011	-12.21	-1.94e-012	-83.16	3.38e-011	-458.75
	292	1.82e-011	12.21	1.94e-012	83.16	-3.69e-011	-225.29
413	291	3.28e-011	-13.24	-1.37e-012	-185.38	6.20e-011	-230.05
	209	-3.28e-011	13.24	1.37e-012	185.38	-2.09e-011	-511.53
414	208	9.25e-012	-9.01	2.78e-012	300.86	4.74e-011	-275.20
	291	-9.25e-012	9.01	-2.78e-012	-300.86	-4.74e-011	-229.25
415	330	-424.93	0.67	-1.39	199.54	639.10	42.70
	331	424.93	-0.67	1.39	-199.54	-567.20	-5.42
416	329	-188.46	-1.09	-0.44	305.44	654.15	-13.91
	330	188.46	1.09	0.44	-305.44	-635.11	-47.14
417	328	72.54	-0.29	0.39	418.51	637.21	-10.56
	329	-72.54	0.29	-0.39	-418.51	-651.54	-6.98
418	327	312.78	-0.30	1.09	530.57	576.40	-35.89
	328	-312.78	0.30	-1.09	-530.57	-633.54	19.77
419	288	9.25e-012	-10.12	1.48e-012	418.24	-5.99e-011	-272.33
	208	-9.25e-012	10.12	-1.48e-012	-418.24	1.46e-011	-294.19
420	207	3.28e-011	-10.12	1.48e-012	531.51	-2.91e-011	-324.02
	288	-3.28e-011	10.12	-1.48e-012	-531.51	5.99e-011	-242.66
421	287	3.28e-011	-9.03	1.48e-012	628.27	7.42e-011	-259.12
	207	-3.28e-011	9.03	-1.48e-012	-628.27	-6.04e-011	-246.49
422	206	9.25e-012	-13.38	2.28e-012	671.12	-3.23e-011	-546.45
	287	-9.25e-012	13.38	-2.28e-012	-671.12	5.00e-011	-203.02
423	326	559.52	-1.07	2.77	635.03	414.27	-75.25
	327	-559.52	1.07	-2.77	-635.03	-563.44	16.67
424	325	794.42	0.67	7.60	724.67	128.76	-36.74
	326	-794.42	-0.67	-7.60	-724.67	-376.96	73.69
425	324	978.78	1.91	25.59	773.14	-1526.51	-33.08
	325	-978.78	-1.91	-25.59	-773.14	-138.39	139.49
426	283	931.76	-4.22	90.36	530.63	-5881.71	-257.11
	324	-931.76	4.22	-90.36	-530.63	833.42	55.32
427	284	9.25e-012	-11.45	-2.90e-012	553.97	-2.91e-011	-223.58
	206	-9.25e-012	11.45	2.90e-012	-553.97	-5.82e-011	-418.28
428	176	3.28e-011	-155.05	3.87e-012	109.55	-4.74e-011	-6223.19
	284	-3.28e-011	155.05	-3.87e-012	-109.55	2.91e-011	-2459.54
444	282	139.26	-1.87	-25.58	278.72	-430.58	61.75
	283	-139.26	1.87	25.58	-278.72	1405.24	-151.74
445	281	205.18	2.73	-6.08	-180.35	-179.35	75.20
	282	-205.18	-2.73	6.08	180.35	399.57	74.69
446	280	478.14	2.07	-3.21	-73.56	198.85	17.95
	281	-478.14	-2.07	3.21	73.56	180.85	99.70
447	279	833.34	0.34	-5.43	115.57	308.49	-49.75

	280	-833.34	-0.34	5.43	-115.57	-191.04	66.90
448	278	1379.15	-16.57	34.26	286.78	-1240.80	-769.19
	279	-1379.15	16.57	-34.26	-286.78	-730.94	-130.47
449	205	-6.81e-011	-174.38	-2.90e-012	331.80	7.94e-011	-2811.34
	176	6.81e-011	174.38	2.90e-012	-331.80	-5.59e-011	-6605.77
450	204	-6.55e-011	-16.17	-2.90e-012	-58.29	-6.75e-011	-635.35
	205	6.55e-011	16.17	2.90e-012	58.29	-7.31e-011	-237.86
451	203	-3.06e-011	-20.72	-9.10e-013	-126.12	1.32e-010	-525.78
	204	3.06e-011	20.72	9.10e-013	126.12	7.81e-011	-593.61
452	202	-4.99e-011	-13.28	-5.55e-012	-239.93	9.48e-011	-367.09
	203	4.99e-011	13.28	5.55e-012	239.93	-6.75e-011	-351.74
453	175	-4.87e-011	-72.95	-1.97e-012	-693.85	-8.18e-011	-2805.72
	202	4.87e-011	72.95	1.97e-012	693.85	-6.48e-011	-1134.41
454	101	1110.33	-3644.41	944.01	5462.84	-175608.58	-633714.55
	201	-1110.33	3644.41	-944.01	-5462.84	-164443.81	-678304.67
455	100	3046.80	-3677.00	1134.56	5462.84	-213276.21	-626479.22
	200	-3046.80	3677.00	-1134.56	-5462.84	-195324.81	-697277.02
456	99	2954.32	-3726.61	839.10	5462.84	-150754.83	-652470.41
	199	-2954.32	3726.61	-839.10	-5462.84	-151632.61	-689169.71
457	98	2216.61	-7565.75	3568.77	17481.10	-569475.28	-1321099.46
	198	-2216.61	7565.75	-3568.77	-17481.10	-726159.35	-1402744.75
458	97	950.84	-4528.75	1142.43	5462.84	-205094.46	-812149.12
	197	-950.84	4528.75	-1142.43	-5462.84	-206286.82	-818216.17
459	96	572.79	-4690.63	1135.41	5462.84	-197993.44	-826815.24
	196	-572.79	4690.63	-1135.41	-5462.84	-210917.67	-861828.85
460	95	1904.44	-4019.72	973.77	5462.84	-163946.18	-702153.33
	195	-1904.44	4019.72	-973.77	-5462.84	-186821.06	-744963.48
461	85	-1136.16	-4874.24	235.13	5462.84	-45836.56	-866136.25
	185	1136.16	4874.24	-235.13	-5462.84	-46584.09	-888605.72
462	92	-895.79	-4647.71	276.57	5462.84	-55949.72	-815822.10
	192	895.79	4647.71	-276.57	-5462.84	-50841.07	-857395.32
463	93	-416.94	-4452.29	226.33	5462.84	-52064.03	-790827.58
	193	416.94	4452.29	-226.33	-5462.84	-39832.89	-812038.30
464	94	-990.84	-4860.73	357.36	5462.84	-48327.19	-865116.43
	194	990.84	4860.73	-357.36	-5462.84	84405.81	-884767.87
465	91	360.97	-4860.12	428.20	5462.84	-63554.68	-871760.61
	191	-360.97	4860.12	-428.20	-5462.84	94313.88	-877883.33
466	90	-280.64	-4656.14	111.93	5462.84	-43000.46	-837026.68
	190	280.64	4656.14	-111.93	-5462.84	-27044.33	-839184.14
467	89	95.34	-4889.96	215.44	5462.84	-52401.05	-865317.44
	189	-95.34	4889.96	-215.44	-5462.84	-37748.62	-895070.84
468	84	512.92	-5072.94	146.51	5462.84	-40518.79	-916531.91
	184	-512.92	5072.94	-146.51	-5462.84	-27594.33	-909736.48
469	83	-3389.41	-3520.95	-835.94	5462.84	139878.15	-575508.29
	183	3389.41	3520.95	835.94	-5462.84	161501.47	-693083.06
470	86	-1195.81	-4550.42	-890.53	5462.84	142341.98	-784227.51
	186	1195.81	4550.42	890.53	-5462.84	178684.78	-854125.84
471	87	-783.46	-4374.50	-994.23	5462.84	159246.52	-767015.41
	187	783.46	4374.50	994.23	-5462.84	199042.84	-807990.92
472	88	-504.34	-4446.54	-736.32	5462.84	127465.62	-770139.14
	188	504.34	4446.54	736.32	-5462.84	137817.98	-830831.39

473	80	382.29	-4629.46	-231.51	5462.84	31093.28	-801893.92
	180	-382.29	4629.46	231.51	-5462.84	65206.75	-864829.13
474	81	895.10	-4410.61	-122.62	5462.84	31001.74	-772908.55
	181	-895.10	4410.61	122.62	-5462.84	-23396.88	-815045.08
475	82	642.28	-4499.29	-365.54	5462.84	51730.12	-782315.06
	182	-642.28	4499.29	365.54	-5462.84	88061.02	-837587.74
476	73	2128.13	-4803.64	-1453.16	5462.84	247766.86	-840390.62
	173	-2128.13	4803.64	1453.16	-5462.84	275412.95	-889015.09
477	76	1936.72	-4604.73	-1358.21	5462.84	231340.17	-826953.76
	176	-1936.72	4604.73	1358.21	-5462.84	257689.54	-830809.84
478	72	-1504.63	-5049.60	-1329.28	5462.84	228424.25	-891439.17
	172	1504.63	5049.60	1329.28	-5462.84	250198.75	-926421.13
479	79	3035.65	-4806.50	-786.66	5462.84	122369.30	-846951.72
	179	-3035.65	4806.50	786.66	-5462.84	161392.32	-883456.24
480	75	1839.69	-5060.47	-602.63	5462.84	66044.87	-902558.87
	175	-1839.69	5060.47	602.63	-5462.84	155077.37	-919213.06
481	78	-405.57	-5041.64	-289.78	5462.84	35949.48	-898184.85
	178	405.57	5041.64	289.78	-5462.84	89735.46	-916830.37
482	70	931.45	772.17	-1579.24	5462.84	262291.48	158202.15
	170	-931.45	-772.17	1579.24	-5462.84	306283.39	-256008.60
483	69	-430.62	625.31	-1614.00	5462.84	291948.93	131178.00
	169	430.62	-625.31	1614.00	-5462.84	289110.40	-170731.32
484	66	-2435.73	-3869.11	-1540.36	5462.84	273462.59	-639130.12
	166	2435.73	3869.11	1540.36	-5462.84	281096.72	-754285.14
485	67	5903.59	-2622.63	-1480.24	5462.84	245019.02	-376964.83
	167	-5903.59	2622.63	1480.24	-5462.84	287926.63	-571459.12
486	64	1100.87	575.10	-1525.98	5462.84	255154.21	192726.64
	164	-1100.87	-575.10	1525.98	-5462.84	294234.96	-181651.54
487	63	-409.24	500.18	-1591.52	5462.84	289083.64	142365.33
	163	409.24	-500.18	1591.52	-5462.84	283876.22	-135600.08
488	61	5213.43	-2780.17	-1127.83	5462.84	167152.79	-448472.87
	161	-5213.43	2780.17	1127.83	-5462.84	239220.96	-554453.35
489	60	-3437.31	-4165.91	-1112.52	5462.84	184056.81	-731984.32
	160	3437.31	4165.91	1112.52	-5462.84	216702.52	-767924.01
490	59	-3322.77	-2566.76	-1005.54	5462.84	155843.82	-391838.71
	159	3322.77	2566.76	1005.54	-5462.84	206743.43	-535980.81
491	62	-547.81	497.57	-1569.23	5462.84	270712.21	202227.66
	162	547.81	-497.57	1569.23	-5462.84	294264.02	-161402.23
492	65	-3561.32	-2300.52	-1508.55	5462.84	257250.52	-308781.99
	165	3561.32	2300.52	1508.55	-5462.84	285912.44	-528082.17
493	68	-1453.74	105.16	-1588.00	5462.84	273047.29	170569.33
	168	1453.74	-105.16	1588.00	-5462.84	298689.02	-136470.94
494	71	-4046.27	-3443.52	-1675.89	5462.84	291550.97	-590080.61
	171	4046.27	3443.52	1675.89	-5462.84	311805.15	-651595.69
495	74	-4057.18	-3664.31	-1519.94	5462.84	258904.19	-626817.47
	174	4057.18	3664.31	1519.94	-5462.84	288348.96	-693532.08
496	77	-5101.70	-3791.29	-867.70	5462.84	126348.75	-640465.98
	177	5101.70	3791.29	867.70	-5462.84	187030.80	-724901.85
497	166	-5.52e-011	-2998.20	4.55e-013	-17826.04	1.12e-010	-359959.14
	167	5.52e-011	2998.20	-4.55e-013	17826.04	-1.16e-010	-449598.94
498	165	3.07e-011	-2333.07	8.14e-013	3044.73	-7.31e-011	-479781.06

	166	-3.07e-011	2333.07	-8.14e-013	-3044.73	-1.10e-010	-406981.61
499	163	-2.04e-011	-621.64	-3.96e-013	47191.85	-7.29e-011	-127370.20
	160	2.04e-011	621.64	3.96e-013	-47191.85	-2.88e-011	-139951.06
500	166	4.74e-011	-741.24	1.09e-013	-59873.18	5.75e-011	-142334.88
	163	-4.74e-011	741.24	-1.09e-013	59873.18	-3.22e-011	-146751.31
501	169	-1.69e-011	-551.76	-5.60e-013	49917.96	-3.65e-011	-118987.53
	166	1.69e-011	551.76	5.60e-013	-49917.96	2.94e-011	-118272.68
502	172	4.03e-011	-1020.21	6.46e-013	-85361.87	-9.84e-011	-157678.94
	169	-4.03e-011	1020.21	-6.46e-013	85361.87	5.20e-011	-148390.57
503	160	1.20e-010	-2500.59	1.44e-012	16102.21	3.22e-010	-304869.73
	161	-1.20e-010	2500.59	-1.44e-012	-16102.21	2.78e-010	-370313.42
504	159	-6.21e-011	-1636.89	4.37e-013	4825.59	-7.81e-011	-330833.05
	160	6.21e-011	1636.89	-4.37e-013	-4825.59	-9.86e-011	-291228.52
505	162	3.29e-011	-875.21	-3.85e-013	46603.95	2.33e-010	-170532.10
	159	-3.29e-011	875.21	3.85e-013	-46603.95	2.58e-010	-205914.68
506	165	5.78e-011	1031.97	6.89e-013	-67715.83	-2.45e-010	202467.37
	162	-5.78e-011	-1031.97	-6.89e-013	67715.83	-1.46e-010	200003.18
507	168	-8.48e-011	-707.52	-5.12e-013	92387.96	-1.42e-010	-149340.75
	165	8.48e-011	707.52	5.12e-013	-92387.96	-2.82e-010	-154907.94
508	171	1.16e-010	1572.40	3.39e-013	-114568.47	2.09e-010	232020.30
	168	-1.16e-010	-1572.40	-3.39e-013	114568.47	-1.55e-010	239703.37
509	174	-5.82e-011	-1311.39	-4.04e-013	16224.95	-8.36e-011	-203347.31
	171	5.82e-011	1311.39	4.04e-013	-16224.95	-3.16e-010	-190164.29
510	177	-2.09e-011	-752.62	-2.80e-013	12916.41	-2.18e-011	-209630.15
	174	2.09e-011	752.62	2.80e-013	-12916.41	-7.41e-012	-174214.01
511	164	-1.30e-013	1118.70	5.54e-013	66855.64	-3.19e-011	234643.21
	161	1.30e-013	-1118.70	-5.54e-013	-66855.64	2.04e-010	-252519.50
512	167	1.46e-011	-728.10	-1.54e-012	-115134.19	-2.97e-010	-148544.48
	164	-1.46e-011	728.10	1.54e-012	115134.19	-1.48e-010	-135449.42
513	170	-1.46e-011	1075.32	7.31e-013	72127.66	-1.02e-010	214713.40
	167	1.46e-011	-1075.32	-7.31e-013	-72127.66	-6.55e-011	247691.09
514	173	8.73e-011	-1195.35	-2.16e-012	-183985.62	7.49e-010	-222120.43
	170	-8.73e-011	1195.35	2.16e-012	183985.62	3.58e-010	-149163.21
515	176	-5.77e-011	528.59	-1.25e-012	17541.97	-7.48e-011	-82058.92
	173	5.77e-011	-528.59	1.25e-012	-17541.97	-3.94e-010	77034.93
516	179	3.41e-013	-340.93	3.80e-013	-8664.39	5.84e-011	-96992.56
	176	-3.41e-013	340.93	-3.80e-013	8664.39	-5.13e-011	-76915.68
517	186	-9.35e-012	-370.82	-7.45e-013	-15212.58	3.57e-011	-69343.10
	183	9.35e-012	370.82	7.45e-013	15212.58	-1.23e-011	-79003.40
518	187	1.83e-011	-529.79	6.18e-013	12721.74	-1.99e-011	-74566.97
	186	-1.83e-011	529.79	-6.18e-013	-12721.74	-3.39e-010	84383.11
519	188	7.52e-012	-287.16	1.20e-013	-4420.17	-7.75e-011	-84256.51
	187	-7.52e-012	287.16	-1.20e-013	4420.17	-2.00e-010	-62217.01
520	196	-4.64e-011	618.24	-5.07e-013	-22591.06	1.80e-010	118672.69
	195	4.64e-011	-618.24	5.07e-013	22591.06	2.33e-011	127098.56
521	197	-4.17e-011	448.28	-1.09e-012	12266.27	-2.41e-010	70486.58
	196	4.17e-011	-448.28	1.09e-012	-12266.27	2.10e-011	64030.39
522	198	2.03e-011	349.70	2.80e-013	9069.22	-2.11e-010	96955.12
	197	-2.03e-011	-349.70	-2.80e-013	-9069.22	-1.75e-010	74413.04
523	200	2.92e-011	948.18	-1.46e-012	-8062.73	-1.79e-010	136106.07
	201	-2.92e-011	-948.18	1.46e-012	8062.73	-2.20e-010	145994.77

524	199	3.24e-011	460.19	1.82e-013	4962.57	1.44e-011	111005.46
	200	-3.24e-011	-460.19	-1.82e-013	-4962.57	2.91e-011	104177.98
525	185	-1.89e-010	-2331.25	1.14e-013	40600.99	-4.75e-011	-562933.91
	195	1.89e-010	2331.25	-1.14e-013	-40600.99	-4.75e-011	-713429.01
526	184	-9.01e-011	-1666.53	1.74e-015	-11027.70	-7.54e-011	-511983.08
	185	9.01e-011	1666.53	-1.74e-015	11027.70	-5.30e-011	-504610.66
527	183	1.86e-011	-2274.81	2.06e-013	-35615.88	4.64e-011	-682797.01
	184	-1.86e-011	2274.81	-2.06e-013	35615.88	-3.22e-011	-568413.71
528	196	6.72e-012	-1476.19	1.09e-013	-17476.64	-6.23e-011	-520154.24
	201	-6.72e-012	1476.19	-1.09e-013	17476.64	-5.30e-011	-664494.56
529	192	-9.47e-011	-1889.72	5.68e-014	43523.88	-4.17e-011	-513812.48
	196	9.47e-011	1889.72	-5.68e-014	-43523.88	-4.17e-011	-516088.10
530	189	-3.42e-011	-1525.04	-8.14e-014	9904.08	3.38e-011	-450833.64
	192	3.42e-011	1525.04	8.14e-014	-9904.08	-4.83e-011	-479458.19
531	186	1.71e-010	-1619.82	-2.30e-013	-36317.55	-1.46e-011	-446688.54
	189	-1.71e-010	1619.82	2.30e-013	36317.55	2.76e-011	-444241.82
532	180	-1.19e-010	-1258.06	-6.38e-014	-28773.37	-1.17e-011	-400616.44
	186	1.19e-010	1258.06	6.38e-014	28773.37	3.65e-012	-404553.62
533	173	9.03e-011	-1636.64	1.44e-013	36543.47	2.05e-011	-452262.08
	180	-9.03e-011	1636.64	-1.44e-013	-36543.47	-3.90e-011	-464316.87
534	172	-4.37e-011	-4018.04	9.10e-013	-28932.23	2.63e-010	-514178.98
	173	4.37e-011	4018.04	-9.10e-013	28932.23	-1.30e-010	-572249.03
535	171	6.64e-011	-4751.36	4.37e-013	11390.77	-1.12e-010	-1143745.86
	172	-6.64e-011	4751.36	-4.37e-013	-11390.77	-5.82e-011	-666877.53
536	174	-4.91e-011	-4387.92	8.74e-013	18616.68	1.26e-010	-1001585.12
	175	4.91e-011	4387.92	-8.74e-013	-18616.68	-1.86e-010	-669714.72
537	198	-1.38e-012	-1891.90	-6.60e-014	-6511.34	3.16e-011	-747852.56
	199	1.38e-012	1891.90	6.60e-014	6511.34	5.71e-011	-761537.74
538	194	7.28e-011	-2625.40	-5.70e-014	47431.47	4.17e-011	-621560.30
	198	-7.28e-011	2625.40	5.70e-014	-47431.47	-2.91e-011	-823145.09
539	191	2.19e-011	-1741.18	1.13e-013	-13718.28	3.15e-011	-541814.25
	194	-2.19e-011	1741.18	-1.13e-013	13718.28	2.77e-011	-520317.93
540	188	-1.58e-010	-2070.91	-1.38e-013	-44745.30	4.31e-011	-566517.71
	191	1.58e-010	2070.91	1.38e-013	44745.30	2.60e-011	-572503.71
541	182	1.48e-011	-1547.32	7.63e-014	-37975.49	-1.23e-011	-494408.63
	188	-1.48e-011	1547.32	-7.63e-014	37975.49	8.10e-012	-495876.36
542	179	2.37e-011	-1975.19	3.42e-013	-39563.65	-2.89e-011	-536637.01
	182	-2.37e-011	1975.19	-3.42e-013	39563.65	1.46e-011	-569478.25
543	178	2.92e-011	-4213.23	-4.55e-013	-30184.57	-2.48e-010	-548752.28
	179	-2.92e-011	4213.23	4.55e-013	30184.57	2.39e-010	-588838.57
544	177	8.70e-011	-3800.21	-5.71e-013	17849.62	2.45e-010	-833894.67
	178	-8.70e-011	3800.21	5.71e-013	-17849.62	2.08e-010	-610271.96
545	66	-1.83e-011	-9158.96	-1.14e-013	-6610.22	5.69e-011	-1114788.57
	67	1.83e-011	9158.96	1.14e-013	6610.22	3.25e-011	-1358130.72
546	65	-1.19e-011	-5573.60	1.55e-013	7161.60	-2.37e-011	-1171509.86
	66	1.19e-011	5573.60	-1.55e-013	-7161.60	-3.18e-011	-946464.69
547	63	3.30e-011	1986.81	-1.24e-013	232008.44	-1.04e-010	-357143.65
	60	-3.30e-011	-1986.81	1.24e-013	-232008.44	-6.68e-011	497288.40
548	66	-4.04e-011	1727.47	1.31e-012	-211410.31	5.94e-011	351977.18
	63	4.04e-011	-1727.47	-1.31e-012	211410.31	1.47e-010	321739.82
549	69	1.47e-011	-1354.35	-2.87e-013	179720.06	-1.22e-010	-277200.16

	66	-1.47e-011	1354.35	2.87e-013	-179720.06	1.84e-011	-305181.71
550	72	-5.82e-011	3097.80	2.36e-013	-382102.46	-2.01e-011	525629.19
	69	5.82e-011	-3097.80	-2.36e-013	382102.46	8.49e-011	403758.39
551	60	-8.38e-011	-9302.13	-5.80e-013	10585.17	-9.51e-011	-1091055.31
	61	8.38e-011	9302.13	5.80e-013	-10585.17	1.26e-010	-1420521.71
552	59	7.46e-011	-5907.34	4.38e-013	17073.10	4.76e-011	-1272250.40
	60	-7.46e-011	5907.34	-4.38e-013	-17073.10	4.78e-011	-972544.77
553	62	5.22e-011	1750.00	6.23e-013	119710.98	8.99e-011	-334696.78
	59	-5.22e-011	-1750.00	-6.23e-013	-119710.98	-9.82e-011	417854.97
554	65	-3.29e-011	1689.45	1.32e-013	-99344.18	-1.31e-010	335332.88
	62	3.29e-011	-1689.45	-1.32e-013	99344.18	-1.47e-011	323554.06
555	68	-2.37e-011	-1320.38	-3.08e-013	79241.22	6.94e-011	-278499.63
	65	2.37e-011	1320.38	3.08e-013	-79241.22	-2.54e-011	-289280.36
556	71	-5.82e-011	2498.11	9.38e-013	-240997.93	-1.39e-010	364878.01
	68	5.82e-011	-2498.11	-9.38e-013	240997.93	-2.69e-010	384553.92
557	74	5.81e-011	2422.87	-2.18e-012	-9330.53	1.70e-010	380830.28
	71	-5.81e-011	-2422.87	2.18e-012	9330.53	2.55e-011	346103.40
558	77	-2.82e-011	1476.67	-2.38e-013	-3465.45	7.45e-012	416801.18
	74	2.82e-011	-1476.67	2.38e-013	3465.45	-2.23e-011	336306.26
559	64	-7.34e-012	1641.56	-4.55e-013	134733.05	-1.21e-010	319364.84
	61	7.34e-012	-1641.56	4.55e-013	-134733.05	-4.63e-011	386587.09
560	67	2.37e-011	-1314.49	-3.43e-013	-117150.56	-3.33e-011	-260640.45
	64	-2.37e-011	1314.49	3.43e-013	117150.56	4.37e-011	-252010.39
561	70	-2.91e-011	1302.31	9.09e-014	95601.14	-4.21e-011	275305.24
	67	2.91e-011	-1302.31	-9.09e-014	-95601.14	-1.35e-010	284688.49
562	73	1.85e-011	-2026.60	-1.27e-012	-306680.34	-2.70e-010	-303568.60
	70	-1.85e-011	2026.60	1.27e-012	306680.34	-4.15e-010	-304422.04
563	76	-1.61e-011	2253.92	-1.91e-012	-8994.32	-2.31e-010	344058.39
	73	1.61e-011	-2253.92	1.91e-012	8994.32	-1.58e-010	332132.94
564	79	1.46e-011	1613.41	9.59e-014	690.02	1.09e-012	452133.86
	76	-1.46e-011	-1613.41	-9.59e-014	-690.02	-2.01e-011	370709.27
565	86	-4.66e-012	-1533.73	6.08e-013	-53435.35	4.93e-011	-310154.13
	83	4.66e-012	1533.73	-6.08e-013	53435.35	-1.04e-010	-303351.25
566	87	-5.16e-012	-193.41	-1.42e-013	-550.97	1.02e-010	-28668.81
	86	5.16e-012	193.41	1.42e-013	550.97	3.27e-011	-29354.34
567	88	4.92e-012	-1312.94	-1.08e-014	932.91	3.64e-012	-335725.87
	87	-4.92e-012	1312.94	1.08e-014	-932.91	-1.55e-011	-333889.79
568	96	2.76e-012	1098.74	-2.58e-013	-27276.42	4.41e-011	-205448.49
	95	-2.76e-012	-1098.74	2.58e-013	27276.42	1.49e-010	231349.60
569	97	7.59e-012	-969.26	1.40e-013	-2183.14	4.41e-011	-139540.31
	96	-7.59e-012	969.26	-1.40e-013	2183.14	6.91e-011	-151242.09
570	98	7.53e-012	-1217.76	-3.15e-014	8007.00	1.16e-011	-349487.42
	97	-7.53e-012	1217.76	3.15e-014	-8007.00	1.16e-011	-247364.57
571	100	3.22e-011	-1325.84	2.10e-012	9059.91	-3.09e-010	-180241.72
	101	-3.22e-011	1325.84	-2.10e-012	-9059.91	-3.77e-010	-214395.93
572	99	1.47e-011	-766.58	7.20e-013	-10572.37	-4.01e-011	198885.26
	100	-1.47e-011	766.58	-7.20e-013	10572.37	9.14e-011	-159749.77
573	85	-6.45e-011	-3599.91	-8.37e-015	-29605.48	-4.57e-011	-874598.41
	95	6.45e-011	3599.91	8.37e-015	29605.48	3.13e-011	-1096415.74
574	84	-1.40e-011	-1883.49	-5.50e-014	-14807.78	1.83e-011	-532002.80
	85	1.40e-011	1883.49	5.50e-014	14807.78	-2.20e-011	-617504.84

575	83	1.02e-010	-4489.92	-2.54e-014	28049.73	-4.52e-011	-1524786.38
	84	-1.02e-010	4489.92	2.54e-014	-28049.73	-3.49e-011	-945954.30
576	96	-1.68e-011	-2184.11	4.43e-014	-8123.97	7.34e-012	-792860.17
	101	1.68e-011	2184.11	-4.43e-014	8123.97	9.09e-013	-959912.74
577	92	8.28e-011	-3360.56	1.48e-014	-37924.39	3.30e-011	-926878.45
	96	-8.28e-011	3360.56	-1.48e-014	37924.39	3.29e-011	-904657.04
578	89	4.80e-011	-2591.56	-1.47e-014	-17835.31	1.65e-011	-756547.38
	92	-4.80e-011	2591.56	1.47e-014	17835.31	1.12e-011	-824565.53
579	86	-3.56e-011	-3509.26	2.91e-014	30101.74	-1.03e-011	-1042605.47
	89	3.56e-011	3509.26	-2.91e-014	-30101.74	7.29e-012	-888474.59
580	80	3.40e-012	-3128.72	-2.45e-014	40393.19	5.49e-012	-987242.95
	86	-3.40e-012	3128.72	2.45e-014	-40393.19	-8.21e-012	-1015159.29
581	73	-9.91e-011	-3657.39	4.07e-014	56756.96	1.65e-011	-993069.03
	80	9.91e-011	3657.39	-4.07e-014	-56756.96	-3.02e-011	-1055104.38
582	72	-8.20e-011	-9934.46	-9.11e-013	-17949.32	9.00e-011	-1259665.82
	73	8.20e-011	9934.46	9.11e-013	17949.32	2.03e-010	-1422708.44
583	71	-1.78e-010	-8567.93	-2.28e-013	-14401.98	-1.16e-010	-1918503.32
	72	1.78e-010	8567.93	2.28e-013	14401.98	-6.48e-011	-1337405.30
584	97	2.36e-011	-2237.48	4.34e-014	-6153.46	1.47e-011	-792417.95
	100	-2.36e-011	2237.48	-4.34e-014	6153.46	3.58e-011	-997587.26
585	93	-9.78e-011	-3300.90	-5.75e-014	-40552.25	2.04e-011	-922051.63
	97	9.78e-011	3300.90	5.75e-014	40552.25	2.23e-011	-876971.63
586	90	-2.86e-011	-2607.91	-2.87e-014	-16378.31	-1.46e-011	-759378.01
	93	2.86e-011	2607.91	2.87e-014	16378.31	-1.61e-011	-831673.12
587	87	1.33e-011	-3447.61	5.67e-014	30142.30	-1.88e-011	-1017850.86
	90	-1.33e-011	3447.61	-5.67e-014	-30142.30	1.52e-011	-879187.43
588	81	1.63e-011	-3118.70	1.58e-014	37914.62	-5.09e-012	-994455.15
	87	-1.63e-011	3118.70	-1.58e-014	-37914.62	-6.83e-012	-1001533.91
589	76	-8.32e-012	-3503.30	-4.10e-014	-47550.55	-1.84e-011	-926497.37
	81	8.32e-012	3503.30	4.10e-014	47550.55	4.54e-013	-1035356.19
590	75	-3.65e-011	-8515.10	-1.16e-012	133126.18	-2.21e-010	-1068983.18
	76	3.65e-011	8515.10	1.16e-012	-133126.18	-8.99e-011	-1230145.07
591	74	6.83e-011	-7833.28	-2.28e-013	-85581.59	1.16e-010	-1776490.95
	75	-6.83e-011	7833.28	2.28e-013	85581.59	1.16e-010	-1200166.35
592	98	-4.40e-011	-2600.68	-4.44e-014	-15693.35	-1.47e-011	-1035327.24
	99	4.40e-011	2600.68	4.44e-014	15693.35	-7.40e-012	-1039552.50
593	94	-1.17e-011	-3795.93	1.10e-013	-13949.92	-5.34e-011	-908191.49
	98	1.17e-011	3795.93	-1.10e-013	13949.92	-4.12e-011	-1180648.74
594	91	4.37e-011	-2114.93	-1.52e-014	-14401.24	-7.38e-012	-633904.07
	94	-4.37e-011	2114.93	1.52e-014	14401.24	9.87e-013	-656334.46
595	88	-3.47e-011	-3345.64	-7.63e-014	27414.96	1.80e-011	-1018037.81
	91	3.47e-011	3345.64	7.63e-014	-27414.96	1.87e-011	-822782.48
596	82	7.30e-012	-3193.06	2.13e-014	43827.59	-8.81e-012	-1011871.15
	88	-7.30e-012	3193.06	-2.13e-014	-43827.59	-3.79e-012	-1031698.98
597	79	-8.02e-011	-3624.13	-2.35e-015	25959.09	-3.54e-011	-964790.90
	82	8.02e-011	3624.13	2.35e-015	-25959.09	-1.46e-011	-1064724.97
598	78	-6.47e-011	-8512.53	-5.14e-013	92353.18	1.12e-010	-1063289.61
	79	6.47e-011	8512.53	5.14e-013	-92353.18	1.16e-010	-1235100.23
599	77	-6.61e-011	-8022.74	2.66e-013	-40761.45	-5.85e-011	-1811236.38
	78	6.61e-011	8022.74	-2.66e-013	40761.45	-1.10e-010	-1237430.64
648	122	0.00	-13.42	-2.54e-012	3583.24	-4.77e-011	-486.81

	47	0.00	13.42	2.54e-012	-3583.24	5.52e-011	-1226.74
649	121	0.00	-2.14	1.47e-012	397.63	-9.04e-011	-203.59
	122	0.00	2.14	-1.47e-012	-397.63	-8.24e-012	-69.59
650	120	0.00	-2.33	2.16e-012	-914.49	-1.55e-010	-86.17
	121	0.00	2.33	-2.16e-012	914.49	-6.39e-011	-209.62
651	48	4.75e-012	-16.03	1.00e-012	-6103.08	1.09e-011	-1445.86
	120	-4.75e-012	16.03	-1.00e-012	6103.08	1.05e-010	596.09
652	119	0.00	-35.81	2.53e-012	5917.42	-1.58e-010	-654.25
	46	0.00	35.81	-2.53e-012	-5917.42	-3.50e-010	-2050.26
653	118	1.13e-011	-10.57	1.17e-011	973.25	-3.05e-010	-590.97
	119	-1.13e-011	10.57	-1.17e-011	-973.25	-5.65e-011	-204.46
654	117	-1.13e-011	-11.10	7.51e-012	-917.68	4.32e-011	-194.95
	118	1.13e-011	11.10	-7.51e-012	917.68	-2.09e-010	-641.23
655	47	0.00	46.82	5.36e-012	-5594.68	-2.35e-010	-2462.12
	117	0.00	-46.82	-5.36e-012	5594.68	2.89e-011	1056.09
656	116	8.54e-012	-23.74	-2.89e-012	7978.99	7.55e-011	-512.59
	41	-8.54e-012	23.74	2.89e-012	-7978.99	-9.00e-011	-1849.20
657	115	-2.27e-013	-4.82	-2.11e-012	1571.49	-1.92e-010	-368.37
	116	2.27e-013	4.82	2.11e-012	-1571.49	1.43e-010	111.46
658	114	-2.27e-013	-4.92	-2.35e-012	487.80	-5.40e-011	-87.00
	115	2.27e-013	4.92	2.35e-012	-487.80	-1.90e-010	-402.60
659	46	-8.55e-012	-27.64	-3.20e-012	-4582.60	8.67e-011	-1920.56
	114	8.55e-012	27.64	3.20e-012	4582.60	-1.01e-010	832.55
660	113	-1038.49	-2427.50	404.54	13715.69	-1056.06	116145.63
	48	1038.49	2427.50	-404.54	-13715.69	-37825.44	-346428.99
661	112	-632.20	-1374.70	17.61	-43947.76	-3706.82	-76507.16
	113	632.20	1374.70	-17.61	43947.76	-2763.87	-56251.37
662	111	-642.41	-1667.72	-11.66	-31424.53	1446.61	-282838.67
	112	642.41	1667.72	11.66	31424.53	-1427.88	124661.20
663	5	-944.41	-4086.83	-128.37	59984.92	7435.60	-754226.20
	111	944.41	4086.83	128.37	-59984.92	4903.56	366009.29
664	110	-1341.68	-3066.33	550.68	15766.48	2497.60	66590.56
	47	1341.68	3066.33	-550.68	-15766.48	-49996.26	-355712.08
665	109	-713.67	-1246.63	-21.58	13124.04	-2493.33	-130258.53
	110	713.67	1246.63	21.58	-13124.04	4073.70	-25058.14
666	108	-672.42	-1797.37	10.32	-13788.23	-1364.90	-383879.87
	109	672.42	1797.37	-10.32	13788.23	-943.21	213477.22
667	4	-1019.35	-7179.79	-202.12	-14913.16	11522.12	-1153035.36
	108	1019.35	7179.79	202.12	14913.16	-7701.07	471022.72
668	107	-1019.93	-3499.98	604.27	-14327.54	-3736.68	54607.33
	46	1019.93	3499.98	-604.27	14327.54	-53707.46	-383907.91
669	106	-629.43	-1379.72	33.35	-13615.21	-1518.17	-138462.80
	107	629.43	1379.72	-33.35	13615.21	4492.00	-25461.06
670	105	-677.84	-1820.65	14.98	-9077.36	1511.01	-385295.59
	106	677.84	1820.65	-14.98	9077.36	-610.08	212840.69
671	3	-1122.38	-7726.24	-186.83	16834.97	10793.39	-1172453.31
	105	1122.38	7726.24	186.83	-16834.97	6963.54	438576.07
672	104	1234.86	-2978.18	529.00	-23477.84	-3893.10	100273.22
	41	-1234.86	2978.18	-529.00	23477.84	-46366.22	-382558.83
673	103	-738.76	-1457.56	-8.55	43393.19	-2839.92	-81126.42
	104	738.76	1457.56	8.55	-43393.19	2108.76	-60968.68

674	102	-835.00	-1675.23	6.69	39284.20	-1986.28	-283474.71
	103	835.00	1675.23	-6.69	-39284.20	-1496.60	124838.03
675	1	-1371.98	-4658.79	125.14	-58351.60	6390.12	-771569.65
	102	1371.98	4658.79	-125.14	58351.60	-5509.59	329067.20
676	54	6.97e-013	-384.67	7.76e-015	1250.52	-2.68e-012	-138929.13
	57	-6.97e-013	384.67	-7.76e-015	-1250.52	2.95e-012	-168805.68
677	50	9.79e-012	-3749.25	-1.33e-014	-15260.19	-3.27e-012	-838056.65
	54	-9.79e-012	3749.25	1.33e-014	15260.19	2.49e-012	-1205458.21
678	47	-2.12e-012	-3929.34	1.73e-018	19380.82	-3.74e-012	-1453057.00
	50	2.12e-012	3929.34	-1.73e-018	-19380.82	-3.74e-012	-944197.43
679	53	1.81e-011	-1406.79	2.71e-015	2081.08	-2.43e-012	-519257.06
	58	-1.81e-011	1406.79	-2.71e-015	-2081.08	-1.39e-012	-609702.37
680	49	-4.72e-012	-3338.63	-1.50e-014	-14575.05	4.24e-012	-776902.97
	53	4.72e-012	3338.63	1.50e-014	14575.05	4.85e-012	-1042847.41
681	46	-3.75e-011	-3938.81	-1.54e-014	19064.53	8.78e-013	-1447328.81
	49	3.75e-011	3938.81	1.54e-014	-19064.53	1.84e-012	-955769.41
682	42	-2.32e-011	-2908.04	1.47e-014	-8764.33	2.33e-012	-646799.59
	52	2.32e-011	2908.04	-1.47e-014	8764.33	-2.28e-012	-945398.15
683	41	8.44e-012	-3234.08	-3.55e-015	15985.27	-4.18e-012	-1198439.03
	42	-8.44e-012	3234.08	3.55e-015	-15985.27	-4.08e-012	-774550.57
684	53	4.29e-012	-737.56	6.69e-014	4811.82	-2.34e-011	-139301.96
	52	-4.29e-012	737.56	-6.69e-014	-4811.82	2.58e-011	-153974.40
685	54	2.98e-012	-1007.70	-3.71e-013	27297.69	1.58e-010	-149186.44
	53	-2.98e-012	1007.70	3.71e-013	-27297.69	1.99e-011	-153138.00
686	55	4.84e-012	-773.01	-3.55e-014	-12711.13	4.33e-011	-220457.14
	54	-4.84e-012	773.01	3.55e-014	12711.13	2.89e-011	-158468.56
687	57	1.01e-011	-1468.67	-1.18e-012	76558.79	6.77e-011	-211569.21
	58	-1.01e-011	1468.67	1.18e-012	-76558.79	-7.96e-011	-225390.71
688	56	7.47e-012	-793.74	7.13e-014	-46273.23	-2.24e-011	-196695.81
	57	-7.47e-012	793.74	-7.13e-014	46273.23	3.67e-011	-174493.85
689	55	2.14e-011	-1463.48	-2.16e-015	-2457.64	1.10e-012	-540021.10
	56	-2.14e-011	1463.48	2.16e-015	2457.64	1.67e-012	-627580.01
690	51	-3.82e-011	-3154.07	4.36e-014	7813.68	-1.31e-011	-702614.65
	55	3.82e-011	3154.07	-4.36e-014	-7813.68	-1.65e-011	-1033008.17
691	48	1.46e-011	-3350.99	0.00	18690.15	0.00	-1240678.67
	51	-1.46e-011	3350.99	0.00	-18690.15	0.00	-803510.75
692	34	-12214.74	-7366.62	1870.67	-7976.25	-389668.02	-1377469.32
	77	12214.74	7366.62	-1870.67	7976.25	-265339.87	-1200943.30
693	31	-11282.08	-7156.69	2364.28	-7976.25	-446405.86	-1339825.71
	74	11282.08	7156.69	-2364.28	7976.25	-381123.85	-1165103.22
694	28	-12083.65	-6935.41	2493.24	-7976.25	-461191.47	-1306983.23
	71	12083.65	6935.41	-2493.24	7976.25	-411487.06	-1120502.33
695	25	-2603.87	-4169.83	2421.78	-7976.25	-452991.79	-982244.95
	68	2603.87	4169.83	-2421.78	7976.25	-394675.44	-478777.43
696	22	-8616.29	-5260.52	2362.85	-7976.25	-446239.62	-1098066.60
	65	8616.29	5260.52	-2362.85	7976.25	-380796.91	-744004.56
697	19	-693.16	-3732.79	2418.50	-7976.25	-452624.90	-914176.58
	62	693.16	3732.79	-2418.50	7976.25	-393883.40	-397506.15
698	16	-10049.63	-5476.20	1983.80	-7976.25	-402713.63	-1107680.00
	59	10049.63	5476.20	-1983.80	7976.25	-291742.56	-809605.31
699	35	-851.01	-8325.21	1250.42	-7976.25	-300301.23	-1487499.53

	78	851.01	8325.21	-1250.42	7976.25	-138369.21	-1426335.74
700	32	-1267.17	-8120.59	1380.09	-7976.25	-315249.96	-1450458.47
	75	1267.17	8120.59	-1380.09	7976.25	-168414.40	-1391759.52
701	29	-2961.36	-7909.05	2085.39	-7976.25	-396353.01	-1418729.16
	72	2961.36	7909.05	-2085.39	7976.25	-333575.93	-1349454.77
702	26	-2181.30	-4719.09	2340.05	-7976.25	-425592.13	-1045087.48
	69	2181.30	4719.09	-2340.05	7976.25	-393432.16	-608262.22
703	23	-5626.61	-6633.92	2257.15	-7976.25	-416077.37	-1255943.26
	66	5626.61	6633.92	-2257.15	7976.25	-373939.69	-1066095.28
704	20	-520.55	-4300.63	2339.85	-7976.25	-425567.22	-979861.99
	63	520.55	4300.63	-2339.85	7976.25	-393387.03	-527734.76
705	17	-7971.57	-6846.67	1916.49	-7976.25	-376971.41	-1265175.28
	60	7971.57	6846.67	-1916.49	7976.25	-293859.35	-1131242.72
706	36	9011.65	-8120.63	1566.17	-7976.25	-324308.22	-1464024.01
	79	-9011.65	8120.63	-1566.17	7976.25	-224007.41	-1378213.39
707	33	7269.38	-7927.37	1931.54	-7976.25	-366280.02	-1428291.17
	76	-7269.38	7927.37	-1931.54	7976.25	-309792.28	-1346303.80
708	30	7787.69	-7713.24	1974.75	-7976.25	-371244.54	-1396264.19
	73	-7787.69	7713.24	-1974.75	7976.25	-319939.40	-1303391.87
709	27	1506.43	-4245.09	1973.13	-7976.25	-371055.56	-990264.01
	70	-1506.43	4245.09	-1973.13	7976.25	-319564.78	-498936.13
710	24	14620.56	-5581.39	1924.51	-7976.25	-365474.60	-1134931.79
	67	-14620.56	5581.39	-1924.51	7976.25	-308134.70	-819261.76
711	21	1552.89	-3799.69	1965.69	-7976.25	-370201.04	-921779.54
	64	-1552.89	3799.69	-1965.69	7976.25	-317816.84	-413377.88
712	18	13602.38	-5777.27	1615.73	-7976.25	-329963.12	-1142288.77
	61	-13602.38	5777.27	-1615.73	7976.25	-235749.49	-880203.70
713	39	1076.14	-7874.53	903.09	-7976.25	-223351.27	-1435779.52
	82	-1076.14	7874.53	-903.09	7976.25	-95519.67	-1320338.74
714	38	1276.88	-7660.66	974.71	-7976.25	-232143.42	-1397675.66
	81	-1276.88	7660.66	-974.71	7976.25	-109476.78	-1283593.61
715	37	911.15	-7561.87	909.00	-7976.25	-224434.41	-1378884.63
	80	-911.15	7561.87	-909.00	7976.25	-94928.15	-1267809.67
716	45	-1545.76	-7816.88	-1078.84	-7976.25	220503.54	-1429171.83
	88	1545.76	7816.88	1078.84	7976.25	157454.63	-1306762.77
717	44	-733.08	-7638.11	-1082.98	-7976.25	221048.12	-1395099.54
	87	733.08	7638.11	1082.98	7976.25	158224.41	-1278261.45
718	43	-749.17	-7480.43	-1047.05	-7976.25	216858.85	-1369551.34
	86	749.17	7480.43	1047.05	7976.25	149987.49	-1248628.51
719	40	-8939.48	-6546.64	-1078.21	-7976.25	220480.24	-1253047.17
	83	8939.48	6546.64	1078.21	7976.25	157165.18	-1038422.82
720	48	1585.26	-3038.33	-587.47	-5913.05	140992.88	-474897.72
	91	-1585.26	3038.33	587.47	5913.05	74680.15	-589593.73
721	47	586.87	-3988.53	-807.70	-9471.57	214709.02	-595112.49
	90	-586.87	3988.53	807.70	9471.57	74380.08	-805014.27
722	46	1028.48	-3876.09	-766.13	-9471.57	208515.42	-579239.24
	89	-1028.48	3876.09	766.13	9471.57	72468.22	-782331.93
723	41	3119.08	-2850.96	-517.60	-5913.05	133213.92	-438517.83
	84	-3119.08	2850.96	517.60	5913.05	55113.16	-561393.31
724	51	-2654.89	-4126.55	-239.35	-5913.05	56599.82	-737381.48
	94	2654.89	4126.55	239.35	5913.05	53640.28	-706947.72

725	50	-1079.58	-5774.73	-298.19	-9471.57	89071.14	-1049241.90
	93	1079.58	5774.73	298.19	9471.57	41591.53	-971955.57
726	49	-1649.80	-5590.96	-282.80	-9471.57	86972.02	-1013289.50
	92	1649.80	5590.96	282.80	9471.57	45205.05	-943593.10
727	42	-2829.27	-3703.23	-213.15	-5913.05	62613.58	-665153.67
	85	2829.27	3703.23	213.15	5913.05	35884.91	-631004.47
728	55	4388.46	-5332.75	-1121.18	-18921.77	270798.96	-946945.44
	98	-4388.46	5332.75	1121.18	18921.77	365345.55	-920488.68
729	54	1570.07	-4567.73	-1043.84	-9471.57	193706.35	-744597.51
	97	-1570.07	4567.73	1043.84	9471.57	172195.20	-854957.89
730	53	1762.58	-4683.84	-951.36	-9471.57	182012.69	-789724.49
	96	-1762.58	4683.84	951.36	9471.57	152043.55	-850291.00
731	52	4776.05	-2465.86	-466.64	-5913.05	94997.31	-438994.68
	95	-4776.05	2465.86	466.64	5913.05	71660.39	-424825.89
732	56	6001.82	-2010.81	-461.02	-5913.05	86485.06	-322392.57
	99	-6001.82	2010.81	461.02	5913.05	81244.28	-383202.21
733	57	5553.96	-1762.65	-1016.31	-9471.57	184159.14	-237605.27
	100	-5553.96	1762.65	1016.31	9471.57	172462.86	-393597.28
734	58	2984.66	-1698.65	-536.31	-5913.05	100448.60	-276563.70
	101	-2984.66	1698.65	536.31	5913.05	89769.87	-320730.80
735	15	5001.73	-2323.02	-876.69	-6097.08	183752.16	-596652.56
	58	-5001.73	2323.02	876.69	6097.08	149661.37	-288987.51
736	14	5852.00	-2300.88	-1385.72	-9292.91	285355.09	-752457.83
	57	-5852.00	2300.88	1385.72	9292.91	241594.87	-160520.22
737	13	7458.36	-2306.64	-813.01	-6097.08	175841.12	-597287.09
	56	-7458.36	2306.64	813.01	6097.08	133390.69	-281443.77
738	9	7509.48	-3275.44	-464.49	-6097.08	101984.36	-715547.36
	52	-7509.48	3275.44	464.49	6097.08	75055.40	-529602.14
739	10	3704.86	-4886.41	-791.61	-9292.91	165370.95	-1075160.29
	53	-3704.86	4886.41	791.61	9292.91	135989.80	-782372.54
740	11	4839.49	-4455.54	-811.96	-9292.91	167880.91	-1022593.85
	54	-4839.49	4455.54	811.96	9292.91	141210.36	-671668.22
741	12	6248.28	-4012.79	-1357.00	-12180.40	371655.46	-889164.32
	55	-6248.28	4012.79	1357.00	12180.40	197232.99	-636400.99
742	2	-2553.84	-4247.79	-175.93	-6097.08	37030.07	-836732.66
	42	2553.84	4247.79	175.93	6097.08	-43667.35	-777480.28
743	6	-1170.19	-4101.98	-228.16	-6097.08	40181.10	-818725.04
	49	1170.19	4101.98	228.16	6097.08	-58797.06	-740161.05
744	7	-955.20	-4143.88	-234.47	-6097.08	40887.18	-824589.37
	50	955.20	4143.88	234.47	6097.08	-60190.67	-750187.47
745	8	-2507.56	-4267.59	-205.42	-6097.08	37263.27	-842054.46
	51	2507.56	4267.59	205.42	6097.08	-54439.30	-779656.12
Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	-1.37	5.10	-0.73	-30.07	-41.88	-55.24
	472	-1.13	8.80	2.63	-19.75	-25.42	-90.49
	473	6.09e-002	8.87	0.25	-206.87	-124.67	-84.01
	382	-0.27	5.18	-3.13	52.12	-73.70	-56.02
105	378	0.17	6.19	0.70	-8.41	-20.81	-40.91
	467	0.30	8.27	-0.11	1.55	-21.01	-43.79
	472	-1.17	8.17	0.36	-6.71	-46.19	-54.50
	381	-1.30	6.10	1.16	-18.91	-26.69	-51.33
106	377	-0.14	4.95	0.97	-3.69	-19.94	-31.14

	466	1.96e-002	7.46	0.42	0.44	-25.29	-30.93
	467	0.25	7.48	3.97e-002	0.90	-25.51	-38.83
	378	8.84e-002	4.96	0.59	-7.75	-17.76	-38.93
107	374	-3.42e-002	4.25	0.90	-2.96	-20.59	19.30
	465	0.10	6.33	0.37	-0.14	-26.88	19.09
	466	-5.52e-002	6.32	0.52	0.28	-25.27	-27.08
	377	-0.19	4.24	1.05	-3.58	-19.63	-27.26
108	373	-2.33e-002	3.37	1.00	-3.05	-20.94	8.65
	464	8.83e-002	5.09	0.39	-8.78e-002	-27.29	8.54
	465	2.00e-002	5.08	0.32	0.14	-26.60	15.22
	374	-9.15e-002	3.37	0.93	-2.93	-20.66	15.31
109	370	-7.32e-003	2.56	0.97	-3.10	-20.96	11.68
	459	7.60e-002	3.84	0.37	-8.81e-002	-27.21	11.67
	464	7.26e-003	3.84	0.40	-0.11	-27.18	7.27
	373	-7.60e-002	2.56	9.98e-001	-3.05	-20.97	7.30
110	369	5.23e-003	1.73	0.98	-3.07	-20.72	23.83
	458	6.18e-002	2.60	0.38	-9.33e-002	-26.82	23.82
	459	-4.94e-003	2.60	0.36	-9.23e-002	-27.23	15.38
	370	-6.15e-002	1.73	0.97	-3.12	-20.92	15.39
111	366	1.90e-002	0.91	0.98	-2.96	-20.26	36.79
	457	4.86e-002	1.36	0.38	-0.10	-26.13	36.78
	458	-1.91e-002	1.36	0.38	-8.51e-002	-26.94	28.03
	369	-4.87e-002	0.90	0.98	-3.10	-20.63	28.05
112	365	3.22e-002	8.94e-002	0.97	-2.73	-19.47	49.58
	456	3.48e-002	0.13	0.36	-0.11	-24.98	49.54
	457	-3.23e-002	0.13	0.38	-7.82e-002	-26.35	40.99
	366	-3.49e-002	8.54e-002	0.98	-3.00	-20.10	41.02
113	303	4.59e-002	-0.75	9.99e-001	-2.33	-18.02	61.76
	453	2.17e-002	-1.12	0.40	-0.13	-22.95	61.70
	456	-4.61e-002	-1.12	0.37	-7.40e-002	-25.34	53.62
	365	-2.20e-002	-0.75	0.97	-2.79	-19.20	53.68
114	300	6.35e-002	-1.56	0.93	-1.92	-14.95	72.80
	452	1.13e-002	-2.36	0.31	-0.17	-18.89	72.74
	453	-5.93e-002	-2.37	0.39	-0.11	-23.49	65.52
	303	-7.10e-003	-1.56	1.01	-2.46	-17.50	65.57
115	299	0.13	-2.43	1.07	-2.90	-7.78	81.83
	451	5.74e-002	-3.60	0.53	-0.46	-10.02	82.01
	452	-6.96e-002	-3.61	0.35	-0.33	-19.58	76.20
	300	6.41e-003	-2.44	0.89	-2.27	-13.75	76.03
116	296	-0.24	-3.17	0.62	-7.64	10.47	86.88
	450	-0.34	-4.77	2.52e-002	-2.95	13.43	88.18
	451	-1.77e-002	-4.75	0.44	-1.44	-10.89	85.24
	299	8.67e-002	-3.15	1.07	-3.81	-4.50	83.98
117	295	1.36	-4.01	1.83	-14.40	51.59	78.92
	449	1.24	-5.85	0.76	-15.79	80.22	82.36
	450	-0.42	-5.96	-0.22	-5.70	7.14	91.52
	296	-0.30	-4.12	0.85	-10.24	22.40	88.24
118	245	-0.52	-2.76	-3.15	-123.89	131.56	19.94
	255	-0.86	-8.16	1.24	77.37	295.22	24.55
	449	1.10	-8.03	4.39	-22.22	19.53	73.66
	295	1.45	-2.64	-5.48e-002	-25.95	84.57	64.18
119	290	-2.18	7.86	-6.70e-002	18.81	-29.72	-51.88
	381	-2.37	5.04	1.31	-21.08	-39.42	-52.64
	382	1.32	5.28	-6.06	-139.85	-63.51	-56.12
	293	1.50	8.10	-7.44	138.31	-55.66	-55.20
120	289	-0.12	4.50	-0.23	7.25	-9.88	-42.68
	378	-1.32e-002	6.18	0.32	-9.31	-18.94	-41.67

	381	-2.30	6.03	3.20	15.31	-20.65	-43.63
	290	-2.41	4.35	2.64	-21.69	-16.86	-44.25
121	286	-0.12	2.57	1.89	-3.09	-10.50	-32.20
	377	3.39e-002	4.96	1.44	-3.58	-16.95	-31.42
	378	-9.22e-002	4.95	0.22	-4.84	-14.77	-38.09
	289	-0.25	2.56	0.67	-7.53	-11.01	-38.77
122	285	-2.68e-002	2.13	1.18	-2.58	-11.22	19.80
	374	0.11	4.26	1.08	-1.54	-17.37	19.41
	377	-1.23e-002	4.25	1.52	-1.92	-16.62	-27.49
	286	-0.15	2.13	1.62	-3.11	-10.86	-27.84
123	265	-4.01e-002	1.68	1.41	-2.66	-11.41	8.87
	373	7.00e-002	3.38	1.27	-1.16	-17.67	8.69
	374	5.38e-002	3.38	1.12	-1.24	-17.47	15.48
	285	-5.62e-002	1.68	1.26	-2.53	-11.25	15.65
124	264	-1.99e-002	1.28	1.33	-2.70	-11.39	11.66
	370	6.37e-002	2.57	1.22	-1.19	-17.68	11.65
	373	1.72e-002	2.56	1.27	-1.18	-17.70	7.39
	265	-6.64e-002	1.28	1.38	-2.66	-11.40	7.45
125	263	-8.73e-003	0.87	1.35	-2.66	-11.25	23.81
	369	4.78e-002	1.74	1.23	-1.22	-17.49	23.80
	370	9.52e-003	1.73	1.22	-1.17	-17.64	15.44
	264	-4.70e-002	0.86	1.34	-2.74	-11.37	15.45
126	262	6.02e-003	0.45	1.35	-2.54	-10.99	36.82
	366	3.56e-002	0.91	1.23	-1.20	-17.11	36.80
	369	-6.06e-003	0.91	1.23	-1.13	-17.38	28.11
	263	-3.56e-002	0.45	1.35	-2.74	-11.21	28.14
127	261	1.78e-002	4.50e-002	1.34	-2.31	-10.55	49.68
	365	2.04e-002	8.87e-002	1.22	-1.14	-16.46	49.62
	366	-1.83e-002	8.64e-002	1.23	-1.03	-16.92	41.10
	262	-2.09e-002	4.27e-002	1.35	-2.67	-10.94	41.16
128	260	3.59e-002	-0.37	1.38	-1.90	-9.71	61.94
	303	1.14e-002	-0.75	1.27	-1.06	-15.25	61.85
	365	-3.38e-002	-0.75	1.22	-0.84	-16.14	53.78
	261	-9.38e-003	-0.38	1.33	-2.54	-10.48	53.88
129	259	3.08e-002	-0.78	1.26	-1.43	-7.79	72.93
	300	-2.01e-002	-1.56	1.12	-1.25	-12.62	72.85
	303	-4.15e-002	-1.56	1.27	-0.64	-14.65	65.72
	260	9.29e-003	-0.78	1.41	-2.38	-9.58	65.80
130	258	0.11	-1.21	1.62	-2.47	-3.05	81.07
	299	3.35e-002	-2.43	1.52	-3.14	-6.41	81.42
	300	-7.72e-002	-2.44	1.09	-1.14	-11.23	76.26
	259	2.55e-003	-1.22	1.19	-2.69	-7.50	75.92
131	257	0.15	-1.64	0.64	-8.60	10.78	82.52
	296	5.00e-002	-3.15	0.32	-11.90	9.35	85.22
	299	-1.33e-002	-3.15	1.51	-3.59	2.75	84.28
	258	8.50e-002	-1.64	1.84	-5.97	2.50	81.59
132	256	1.66	-3.00	2.57	-29.03	36.08	66.88
	295	1.60	-4.00	3.35	-48.64	38.87	78.04
	296	-1.20e-002	-4.10	0.55	-12.97	26.16	88.07
	257	5.26e-002	-3.11	-0.24	-20.62	15.44	76.94
133	235	-0.57	-5.18	-7.19	-154.19	-35.08	-21.87
	245	-0.43	-2.76	-5.05	-29.48	100.54	21.81
	295	1.68	-2.62	1.52	-36.43	72.86	63.84
	256	1.53	-5.04	-0.62	-59.75	82.26	48.61
134	471	1.82	0.12	18.30	16.07	-21.73	-87.88
	290	2.34	8.15	2.77	32.82	-21.65	-53.52
	293	2.27	8.15	-12.94	-61.29	46.44	-52.51

	200	1.74	0.11	2.59	217.07	34.27	-79.29
135	470	-0.20	-1.30e-002	0.41	1.67	-2.23	-45.87
	289	9.40e-002	4.51	-0.46	7.80	-7.57	-42.30
	290	2.11	4.64	5.48	16.15	-11.57	-51.19
	471	1.82	0.12	6.34	-7.47	-2.50	-54.71
136	229	-0.13	-8.23e-003	2.39	0.66	-1.63	-32.68
	286	4.18e-002	2.58	2.20	-2.70	-7.23	-32.16
	289	-3.19e-002	2.58	0.44	4.64	-8.17	-40.41
	470	-0.20	-1.30e-002	0.63	-2.09	-1.59	-40.92
137	469	-5.26e-002	-3.42e-003	1.34	-0.46	-1.66	20.01
	285	8.68e-002	2.14	1.29	-1.04	-7.85	19.83
	286	1.30e-002	2.14	1.93	-1.73	-7.75	-28.21
	229	-0.13	-8.23e-003	1.97	-0.77	-1.57	-28.37
138	468	-5.36e-002	-3.48e-003	1.66	-0.43	-1.67	8.97
	265	5.64e-002	1.69	1.59	-0.49	-8.00	8.89
	285	5.74e-002	1.69	1.37	-0.76	-7.93	15.76
	469	-5.26e-002	-3.42e-003	1.44	-0.41	-1.63	15.83
139	228	-3.33e-002	-2.16e-003	1.55	-0.42	-1.66	11.63
	264	5.04e-002	1.29	1.48	-0.38	-8.00	11.62
	265	3.01e-002	1.28	1.56	-0.46	-8.01	7.51
	468	-5.36e-002	-3.48e-003	1.62	-0.42	-1.66	7.53
140	463	-2.21e-002	-1.44e-003	1.58	-0.39	-1.64	23.77
	263	3.44e-002	0.87	1.52	-0.37	-7.90	23.77
	264	2.32e-002	0.87	1.49	-0.37	-7.98	15.49
	228	-3.33e-002	-2.16e-003	1.56	-0.45	-1.66	15.49
141	462	-7.52e-003	-4.89e-004	1.58	-0.35	-1.60	36.79
	262	2.21e-002	0.46	1.51	-0.36	-7.73	36.79
	263	7.50e-003	0.45	1.51	-0.34	-7.87	28.18
	463	-2.21e-002	-1.44e-003	1.58	-0.47	-1.64	28.19
142	227	3.90e-003	2.53e-004	1.56	-0.27	-1.53	49.67
	261	6.54e-003	4.44e-002	1.49	-0.36	-7.43	49.65
	262	-4.88e-003	4.37e-002	1.51	-0.30	-7.67	41.20
	462	-7.52e-003	-4.89e-004	1.58	-0.48	-1.60	41.22
143	461	2.40e-002	1.56e-003	1.62	-7.19e-002	-1.40	61.93
	260	-7.67e-004	-0.38	1.55	-0.48	-6.85	61.90
	261	-2.06e-002	-0.38	1.48	-0.29	-7.33	53.92
	227	3.90e-003	2.53e-004	1.55	-0.51	-1.54	53.95
144	460	2.33e-002	1.51e-003	1.45	0.56	-1.10	72.68
	259	-2.78e-002	-0.78	1.38	-1.21	-5.50	72.70
	260	-2.71e-002	-0.78	1.58	-0.45	-6.67	65.87
	461	2.40e-002	1.56e-003	1.65	-0.60	-1.41	65.86
145	226	7.60e-002	4.94e-003	1.94	2.03	-0.39	79.50
	258	-3.86e-003	-1.22	1.88	-4.34	-2.08	79.81
	259	-5.63e-002	-1.22	1.31	-0.93	-5.14	76.06
	460	2.33e-002	1.51e-003	1.37	-1.03	-1.08	75.74
146	455	0.16	1.02e-002	0.69	4.41	1.36	75.49
	257	4.94e-002	-1.64	0.52	-15.58	8.75	77.26
	258	-3.16e-002	-1.65	2.10	-2.89	1.57	81.86
	226	7.60e-002	4.94e-003	2.27	-2.69	0.42	80.03
147	454	-2.33	-0.15	5.42	-5.98	3.30	47.08
	256	-2.54	-3.28	4.74	-51.23	27.08	53.54
	257	-4.67e-002	-3.11	-0.36	-13.35	12.44	76.44
	455	0.16	1.02e-002	0.33	-8.47	4.01	68.63
148	197	0.32	2.06e-002	1.95	-200.95	-29.98	-47.53
	235	-0.60	-5.18	-13.12	-48.76	-35.46	20.40
	256	-2.67	-5.31	1.55	-57.45	67.08	40.77
	454	-2.33	-0.15	16.62	-32.25	28.47	-35.29

149	244	-1.46	1.55	-0.11	-26.59	69.61	-96.76
	254	-1.16	6.16	4.07	-22.35	-14.07	-106.78
	255	0.25	6.24	0.97	-66.04	254.32	-60.83
	245	0.30	1.63	-3.21	-118.60	-109.87	-50.97
150	243	0.34	2.94	0.86	-10.46	16.27	-113.96
	253	0.42	4.27	-0.22	-5.73	-2.02	-117.36
	254	-1.29	4.16	0.71	-14.10	-64.44	-112.17
	244	-1.38	2.83	1.80	-13.19	41.59	-108.69
151	242	-6.28e-002	2.02	1.03	-4.27	-7.37	-107.03
	252	-7.60e-003	3.07	0.41	-1.38	-14.22	-108.33
	253	0.35	3.10	-3.28e-002	-2.47	-6.67	-113.16
	243	0.28	2.04	0.59	-7.38	-5.79	-111.84
152	241	8.62e-003	1.35	0.84	-2.91	-15.80	-97.34
	251	4.91e-002	1.97	0.33	-0.26	-22.11	-97.53
	252	-6.62e-002	1.96	0.52	0.28	-13.49	-104.55
	242	-0.11	1.34	1.02	-3.16	-10.35	-104.35
153	240	2.28e-002	0.51	0.97	-3.27	-19.10	-85.41
	250	4.09e-002	0.79	0.39	3.08e-002	-25.76	-85.32
	251	-2.83e-002	0.78	0.29	6.20e-002	-21.37	-93.60
	241	-4.64e-002	0.50	0.87	-2.53	-16.85	-93.68
154	239	4.19e-002	-0.25	0.87	-4.53	-20.26	-71.80
	249	3.19e-002	-0.41	0.29	0.20	-27.62	-71.55
	250	-3.68e-002	-0.41	0.39	-0.10	-24.88	-80.99
	240	-2.68e-002	-0.26	0.97	-3.18	-19.59	-81.23
155	238	0.11	-1.09	1.01	-8.49	-19.86	-56.13
	248	7.28e-002	-1.59	0.51	0.47	-29.28	-55.37
	249	-4.56e-002	-1.60	0.33	-0.33	-26.05	-66.69
	239	-1.31e-002	-1.10	0.84	-4.70	-20.56	-67.46
156	237	-0.25	-1.79	0.62	-20.37	-17.72	36.01
	247	-0.31	-2.73	1.69e-002	0.49	-33.43	33.59
	248	3.57e-003	-2.71	0.40	-1.28	-25.12	-49.22
	238	6.15e-002	-1.77	1.00	-9.30	-20.05	-51.79
157	236	1.29	-2.62	1.62	-44.58	-18.74	14.57
	246	1.22	-3.73	0.58	-14.68	-42.99	15.78
	247	-0.39	-3.84	-0.17	-5.22	-23.68	23.61
	237	-0.31	-2.72	0.87	-23.65	-16.95	30.88
158	433	0.12	-1.76	-2.92	-78.49	-69.42	24.36
	443	-0.32	-5.30	0.58	-191.80	-41.03	44.10
	246	1.12	-5.21	3.37	-33.95	-45.60	50.67
	236	1.35	-1.67	-0.13	-69.41	-15.11	15.90
159	234	-1.60	4.47	-0.67	-58.22	75.34	-78.50
	244	-1.79	1.53	1.45	-36.43	61.17	-95.54
	245	0.22	1.64	-5.10	-25.46	-82.27	-53.05
	235	0.22	4.58	-7.23	-151.49	-29.23	-37.13
160	233	-4.39e-002	2.46	-0.37	-20.35	12.09	-102.02
	243	-1.53e-002	2.91	0.53	-12.64	20.40	-113.59
	244	-1.71	2.81	3.35	-46.84	31.10	-106.42
	234	-1.74	2.35	2.45	-28.26	30.35	-94.80
161	232	-6.16e-002	1.07	1.76	-6.27	-3.91	-104.43
	242	-1.84e-003	2.02	1.46	-3.31	-4.95	-107.24
	243	-7.31e-002	2.02	0.26	-11.63	5.55	-109.68
	233	-0.13	1.06	0.56	-7.94	8.06	-106.87
162	231	1.39e-002	0.67	1.10	-3.21	-8.59	-97.17
	241	5.81e-002	1.35	1.01	-1.10	-12.95	-97.58
	242	-4.36e-002	1.35	1.45	-3.21	-8.52	-103.74
	232	-8.78e-002	0.67	1.54	-2.44	-4.39	-103.33
163	230	1.06e-002	0.26	1.36	-3.06	-10.36	-85.83

	240	2.69e-002	0.51	1.24	-1.01	-15.92	-85.70
	241	3.27e-003	0.51	1.04	-1.51	-14.18	-93.65
	231	-1.33e-002	0.25	1.16	-1.95	-8.80	-93.77
164	477	9.01e-003	-0.13	1.16	-3.98	-10.78	-72.93
	239	-1.05e-003	-0.26	1.05	-2.00	-16.81	-72.51
	240	-2.27e-002	-0.26	1.24	-1.66	-16.50	-81.28
	230	-1.45e-002	-0.13	1.36	-2.75	-10.42	-81.70
165	476	8.05e-002	-0.54	1.53	-7.38	-9.88	-59.67
	238	4.45e-002	-1.09	1.44	-5.18	-16.04	-58.31
	239	-5.42e-002	-1.10	1.02	-3.23	-17.18	-67.49
	477	-1.82e-002	-0.55	1.11	-4.44	-10.65	-68.84
166	475	0.14	-0.94	0.61	-19.16	-6.98	-47.01
	237	8.55e-002	-1.76	0.29	-16.26	-13.11	42.32
	238	1.59e-003	-1.77	1.43	-8.74	-16.15	-51.92
	476	5.42e-002	-0.94	1.74	-9.63	-9.28	-56.63
167	474	1.89	-2.26	2.37	-54.70	-7.15	37.45
	236	1.87	-2.58	3.21	-56.41	-15.05	23.43
	237	2.48e-002	-2.70	0.54	-26.48	-10.99	31.83
	475	4.56e-002	-2.38	-0.30	-26.94	-4.66	-47.24
168	423	-0.14	-4.65	-6.84	-78.51	-75.78	36.42
	433	9.35e-002	-1.75	-4.73	-157.55	-77.41	24.27
	236	1.93	-1.63	1.47	-67.13	-19.04	16.52
	474	1.74	-4.53	-0.64	-68.69	20.01	32.26
169	448	2.52	0.16	16.77	-31.65	26.81	37.32
	234	2.82	4.75	1.42	-55.71	63.03	-69.75
	235	0.25	4.57	-13.16	-49.99	-34.16	-45.73
	197	0.32	2.06e-002	2.18	-197.92	-29.75	23.59
170	225	-0.12	-7.52e-003	0.26	-8.03	3.34	-93.39
	233	4.56e-002	2.47	-0.50	-12.84	9.81	-101.39
	234	2.68	2.64	4.55	-49.08	23.16	-80.05
	448	2.52	0.16	5.30	-4.78	-2.64	-72.40
171	447	-5.75e-002	-3.74e-003	2.16	-2.65	0.44	-102.79
	232	1.27e-002	1.07	2.01	-2.65	-2.52	-104.63
	233	-4.59e-002	1.07	0.44	-14.99	6.80	-101.37
	225	-0.12	-7.52e-003	0.59	4.17	9.97e-001	-99.55
172	224	-6.73e-003	-4.38e-004	1.27	-1.12	-1.25	-96.99
	231	3.71e-002	0.67	1.21	-0.83	-5.89	-97.31
	232	-1.39e-002	0.67	1.79	-4.20	-2.96	-101.98
	447	-5.75e-002	-3.74e-003	1.85	1.79	-0.59	-101.66
173	446	-2.25e-003	-1.46e-004	1.60	-0.68	-1.54	-86.03
	230	1.44e-002	0.26	1.53	-0.67	-7.18	-86.01
	231	9.91e-003	0.26	1.27	-1.29	-6.17	-93.48
	224	-6.73e-003	-4.38e-004	1.34	-0.35	-1.25	-93.50
174	223	2.97e-003	1.93e-004	1.34	-0.45	-1.61	-73.64
	477	-5.52e-003	-0.13	1.28	-1.67	-7.45	-73.44
	230	-1.07e-002	-0.13	1.53	-0.90	-7.30	-81.61
	446	-2.25e-003	-1.46e-004	1.60	-0.35	-1.49	-81.82
175	445	5.61e-002	3.64e-003	1.83	-0.24	-1.53	-62.11
	476	2.05e-002	-0.54	1.78	-5.33	-6.63	-61.40
	477	-3.27e-002	-0.55	1.22	-1.91	-7.41	-68.74
	223	2.97e-003	1.93e-004	1.27	-0.98	1.48	-69.44
176	222	0.11	7.19e-003	0.63	-1.11	-1.39	-55.16
	475	4.88e-002	-0.95	0.48	-16.35	4.21	-52.64
	476	-6.14e-003	-0.95	2.00	-5.98	-6.36	-56.47
	445	5.61e-002	3.64e-003	2.14	-2.45	1.09	-58.95
177	444	-2.42	-0.16	5.28	-13.30	-3.25	-57.83
	474	-2.58	-2.55	4.49	-40.85	-2.93	-50.04

	475	-4.48e-002	-2.38	-0.43	-19.78	-3.23	-48.00
	222	0.11	7.19e-003	0.36	-6.39	1.68	-55.66
178	193	0.34	2.20e-002	2.57	-90.09	-25.31	53.01
	423	8.25e-002	-4.64	-12.47	-122.98	-73.22	33.60
	474	-2.73	-4.82	1.48	-62.32	27.19	40.24
	444	-2.42	-0.16	16.52	-18.43	9.85	-67.01
229	432	-1.69	2.50	-0.20	-49.66	90.24	119.50
	442	-1.46	6.04	3.48	-55.03	-34.91	153.45
	443	0.44	6.17	0.69	-69.74	329.35	79.13
	433	0.22	2.62	-2.98	-145.58	-116.46	47.07
230	431	0.37	3.38	0.93	-15.43	11.18	130.33
	441	0.46	4.87	-0.14	-8.71	30.53	133.33
	442	-1.55	4.74	0.61	-14.36	63.48	133.63
	432	-1.64	3.25	1.68	-20.27	37.88	130.56
231	430	-2.90e-002	2.44	1.03	-7.43	30.88	109.25
	440	5.50e-002	3.73	0.35	-1.01	45.01	109.84
	441	0.39	3.76	-4.91e-002	-1.34	18.63	124.09
	431	0.31	2.46	0.64	-8.90	15.35	123.50
232	429	-9.59e-003	1.79	0.80	6.19	39.55	83.34
	439	4.53e-002	2.63	0.35	-0.91	52.80	83.23
	440	-1.72e-002	2.63	0.53	-1.12	41.71	100.71
	430	-7.19e-002	1.78	0.98	-5.10	32.99	100.83
233	428	1.57e-002	0.97	0.93	6.19	42.69	-56.16
	438	4.88e-002	1.48	0.40	-1.27	55.66	-56.05
	439	-3.00e-002	1.47	0.31	-1.40	51.19	73.86
	429	-6.31e-002	0.96	0.84	5.46	40.21	73.98
234	427	4.01e-002	0.23	0.85	5.64	43.29	-34.03
	437	4.57e-002	0.32	0.32	-1.28	55.34	-33.98
	438	-2.76e-002	0.31	0.39	-1.42	55.25	-47.45
	428	-3.32e-002	0.22	0.92	5.93	42.82	-47.45
235	426	7.79e-002	-0.60	0.93	-3.52	41.17	-32.55
	436	6.12e-002	-0.86	0.49	-0.95	50.69	-32.24
	437	-3.01e-002	-0.87	0.39	-1.27	56.61	-30.34
	427	-1.34e-002	-0.61	0.83	5.58	42.92	-30.41
236	425	-0.31	-1.26	0.78	-4.76	32.70	-47.82
	435	-0.36	-2.02	0.16	0.28	36.02	-46.60
	436	-1.27e-002	-1.99	0.28	-0.80	55.37	-37.06
	426	3.63e-002	-1.24	0.90	-3.70	40.00	-38.12
237	424	1.02	-2.18	1.07	-19.17	-12.65	-54.90
	434	0.98	-2.86	-6.42e-002	-0.37	-21.60	-51.86
	435	-0.42	-2.95	0.11	0.86	47.73	-51.42
	425	-0.37	-2.27	1.25	-3.18	30.35	-54.40
238	403	-0.16	-2.72	-1.22	-14.15	-89.65	-33.00
	413	-0.12	-2.15	-1.16	-25.47	-134.39	-28.82
	434	1.03	-2.07	-0.33	5.16	-21.38	-48.50
	424	0.99	-2.64	-0.39	-12.65	-14.78	-52.68
239	422	-1.68	4.64	-0.67	-64.95	77.61	95.14
	432	-1.82	2.49	1.53	-45.41	86.41	115.42
	433	0.36	2.63	-4.80	-91.53	-80.52	59.04
	423	0.49	4.78	-7.00	-117.30	-45.93	41.05
240	421	-0.15	2.53	-0.56	-23.71	7.32	119.15
	431	-0.10	3.35	0.55	-14.10	11.16	129.52
	432	-1.77	3.25	3.41	-61.09	27.03	123.98
	422	-1.82	2.42	2.29	-26.77	24.10	113.63
241	420	-4.88e-002	1.29	1.65	-8.71	17.06	107.41
	430	2.66e-002	2.45	1.41	-3.34	24.55	109.22
	431	-0.16	2.43	0.26	-12.92	12.90	120.88

	421	-0.23	1.27	0.50	-6.64	6.95	119.09
242	419	5.46e-003	0.88	1.03	5.83	21.70	83.31
	429	6.48e-002	1.79	0.96	-1.77	32.69	83.41
	430	-1.63e-002	1.79	1.36	-2.38	27.51	100.33
	420	-7.58e-002	0.87	1.43	-2.96	16.81	100.24
243	418	3.84e-003	0.49	1.25	5.39	23.28	-56.23
	428	3.50e-002	0.97	1.16	-1.33	35.56	-56.16
	429	1.13e-002	0.97	0.99	-0.85	33.63	74.00
	419	-2.01e-002	0.49	1.08	4.02	21.62	74.08
244	417	-4.63e-003	0.11	1.09	4.71	23.60	-33.99
	427	2.78e-003	0.22	1.00e+000	-1.22	36.26	-33.98
	428	-1.39e-002	0.22	1.16	-1.16	35.77	-47.50
	418	-2.10e-002	0.11	1.25	4.81	23.31	-47.45
245	416	4.50e-002	-0.29	1.39	-2.70	22.57	-33.68
	426	2.48e-002	-0.60	1.33	-1.65	34.85	-33.29
	427	-5.09e-002	-0.61	0.98	-2.11	35.73	-30.44
	417	-3.06e-002	-0.30	1.04	4.72	23.55	-30.49
246	415	0.25	-0.63	0.65	-6.34	18.43	-51.96
	425	0.21	-1.23	0.33	-3.04	28.53	-50.35
	426	-1.68e-002	-1.24	1.30	-4.76	33.04	-38.33
	416	2.18e-002	-0.65	1.62	-3.28	22.22	-39.71
247	414	2.80	-1.99	1.78	-28.98	-7.03	-63.72
	424	2.80	-2.07	3.13	-6.02	-10.78	-58.91
	425	0.14	-2.24	0.80	-11.71	24.75	-55.11
	415	0.15	-2.16	-0.55	-3.11	17.30	-59.82
248	393	-0.42	-5.05	-5.94	-46.57	-63.66	-38.09
	403	-0.27	-2.72	-3.53	-19.77	-79.05	-32.84
	424	2.77	-2.53	1.66	-24.50	-12.09	-54.52
	414	2.62	-4.85	-0.75	-12.19	8.08	-59.84
249	383	3.20	0.21	16.38	-27.44	16.41	76.33
	422	3.51	4.97	0.99	-45.74	63.59	87.58
	423	0.64	4.79	-12.63	-80.29	-41.91	48.51
	193	0.34	2.20e-002	2.76	-111.51	-18.72	41.28
250	221	-4.29e-002	-2.79e-003	0.45	-9.48	1.72	111.88
	421	0.12	2.55	-0.59	-11.57	5.64	117.31
	422	3.37	2.76	3.95	-51.50	17.34	102.51
	383	3.20	0.21	4.99	-11.99	3.07	97.44
251	380	-7.64e-002	-4.96e-003	1.94	-4.19	2.51	105.92
	420	7.79e-003	1.29	1.85	-3.25	11.50	107.16
	421	4.15e-002	1.29	0.47	-15.16	5.23	114.04
	221	-4.29e-002	-2.79e-003	0.56	6.47	0.92	112.83
252	220	-1.43e-002	-9.32e-004	1.19	2.77	3.30	83.14
	419	4.28e-002	0.88	1.13	-2.99	14.88	83.29
	420	-1.93e-002	0.87	1.62	-3.04	11.58	98.98
	380	-7.64e-002	-4.96e-003	1.68	1.54	2.41	98.83
253	379	-9.90e-003	-6.44e-004	1.48	2.37	3.53	-56.21
	418	2.19e-002	0.49	1.40	-2.89	16.04	-56.21
	419	1.74e-002	0.49	1.18	-1.86	14.96	73.83
	220	-1.43e-002	-9.32e-004	1.26	1.03	3.21	73.82
254	219	1.33e-003	8.67e-005	1.26	2.05	3.54	-33.94
	417	6.15e-003	0.11	1.18	-2.91	16.33	-33.95
	418	-2.99e-003	0.11	1.40	-2.54	16.11	-47.38
	379	-9.90e-003	-6.44e-004	1.48	1.80	3.51	-47.35
255	376	6.06e-002	3.94e-003	1.67	1.30	3.33	-34.15
	416	4.15e-002	-0.29	1.64	-3.31	15.78	-33.99
	417	-2.00e-002	-0.30	1.13	-3.34	16.21	-30.45
	219	1.33e-003	8.67e-005	1.16	2.08	3.60	-30.47

256	218	-6.15e-002	-4.00e-003	0.54	-2.08	2.53	-54.08
	415	-0.10	-0.66	0.42	-4.25	13.40	-53.40
	416	1.83e-002	-0.65	1.87	-5.30	15.13	-39.66
	376	6.06e-002	3.94e-003	1.99	2.17	3.52	-40.25
257	375	-3.00	-0.19	5.47	-12.57	-1.21	-69.79
	414	-3.14	-2.37	4.14	-4.02	-5.89	-67.89
	415	-0.20	-2.18	-0.78	-10.73	11.07	-59.70
	218	-6.15e-002	-4.00e-003	0.55	2.38	3.14	-61.55
258	190	-0.10	-6.67e-003	3.97	-75.75	-18.89	-52.62
	393	-0.43	-5.05	-12.11	-30.99	-53.53	-34.75
	414	-3.32	-5.24	1.61	-30.08	10.04	-60.78
	375	-3.00	-0.19	17.69	-2.60	5.69	-78.89
259	402	-0.85	2.07	-0.61	-9.56	-32.59	40.13
	412	-0.92	1.11	-0.46	-4.07	-28.83	40.15
	413	9.39e-002	1.18	-1.13	-27.92	-42.40	26.02
	403	0.16	2.14	-1.28	-43.08	-31.85	25.96
260	401	0.27	2.01	0.95	-3.80	40.86	61.54
	411	0.29	2.29	0.12	-1.89	50.96	63.07
	412	-0.84	2.22	-0.20	-3.10	-40.77	49.21
	402	-0.86	1.94	0.63	-10.08	-31.03	47.66
261	400	-8.56e-002	1.08	0.70	-3.44	42.19	85.38
	410	-4.24e-002	1.75	0.30	-0.75	54.92	86.23
	411	0.25	1.76	0.23	0.59	49.18	70.22
	401	0.21	1.10	0.62	-3.90	39.97	69.38
262	399	1.62e-002	0.64	0.73	4.33	41.89	112.07
	409	3.40e-002	0.91	0.37	-0.37	54.18	112.31
	410	-0.10	0.91	0.44	0.19	53.55	94.74
	400	-0.11	0.63	0.79	-3.52	42.12	94.50
263	398	2.27e-002	4.50e-002	0.80	3.92	39.90	138.84
	408	2.42e-002	6.89e-002	0.36	-0.20	50.95	138.78
	409	-2.44e-002	6.83e-002	0.31	0.22	54.18	121.23
	399	-2.59e-002	4.56e-002	0.75	4.45	41.63	121.29
264	397	3.68e-002	-0.57	0.74	2.38	34.45	163.70
	407	1.65e-002	-0.88	0.31	-6.05e-002	43.15	163.45
	408	-3.41e-002	-0.88	0.36	-0.21	52.03	147.43
	398	-1.39e-002	-0.57	0.80	4.17	39.09	147.68
265	396	0.11	-1.20	0.81	1.78	20.16	183.81
	406	7.55e-002	-1.77	0.44	-0.72	24.23	183.61
	407	-4.17e-002	-1.78	0.36	-0.15	45.43	171.27
	397	-5.18e-003	-1.21	0.72	3.08	32.26	171.47
266	395	-0.20	-1.68	0.60	5.50	19.92	-192.83
	405	-0.26	-2.63	0.19	-5.33	30.32	-193.82
	406	2.10e-002	-2.61	0.32	-2.03	28.58	190.21
	396	8.20e-002	-1.67	0.74	2.61	13.79	189.23
267	394	0.91	-2.47	0.82	16.84	117.51	-167.88
	404	0.87	-3.16	-1.95e-002	-26.46	183.84	-171.92
	405	-0.30	-3.24	7.57e-002	-10.17	12.15	-198.62
	395	-0.25	-2.55	0.90	6.35	42.53	-194.62
268	353	-0.43	-2.37	-1.45	-183.94	323.56	-28.74
	363	-0.46	-2.82	-0.58	110.67	659.90	-38.52
	404	0.90	-2.74	0.49	-45.23	45.17	-155.23
	394	0.93	-2.28	-0.42	22.50	188.48	-135.71
269	392	-2.75	4.84	-0.95	-18.06	-27.77	35.38
	402	-2.93	1.94	1.37	-19.79	-26.29	38.67
	403	4.89e-002	2.13	-3.59	-11.90	-30.11	31.78
	393	0.24	5.04	-5.90	-66.99	-37.49	28.11
270	391	-4.59e-002	2.26	-0.44	-5.75	23.26	56.52

	401	-6.36e-002	1.99	0.47	-9.07	35.71	60.87
	402	-2.94	1.80	2.61	-14.27	-25.29	47.03
	392	-2.93	2.08	1.70	-19.55	-18.34	42.69
271	390	-4.29e-002	0.58	1.49	-2.65	23.32	83.65
	400	-1.03e-002	1.08	1.09	-2.97	35.74	85.24
	401	-0.12	1.08	0.14	-4.71	34.12	67.95
	391	-0.16	0.58	0.54	-4.83	22.87	66.41
272	389	2.70e-002	0.32	0.89	-3.43	22.91	111.72
	399	4.75e-002	0.64	0.84	-0.82	35.34	112.15
	400	-3.96e-002	0.63	1.19	-1.61	35.66	93.86
	390	-6.01e-002	0.32	1.24	-2.84	23.24	93.43
273	388	1.31e-002	2.27e-002	1.10	2.97	21.62	139.20
	398	1.30e-002	4.52e-002	1.01	-0.37	33.69	139.13
	399	5.65e-003	4.53e-002	0.85	-0.85	35.03	121.14
	389	5.69e-003	2.28e-002	0.95	-3.77	22.79	121.22
274	387	6.63e-003	-0.28	0.95	1.37	18.20	164.54
	397	-1.21e-002	-0.57	0.85	0.35	29.12	164.18
	398	-2.36e-002	-0.57	1.01	-1.09	32.71	147.80
	388	-5.06e-003	-0.28	1.10	3.75	21.48	148.17
275	386	6.87e-002	-0.60	1.24	2.83	8.72	184.21
	396	2.93e-002	-1.21	1.18	1.91	16.91	184.04
	397	-5.40e-002	-1.22	0.83	2.43	26.50	171.84
	387	-1.46e-002	-0.61	0.89	3.57	17.97	172.00
276	385	0.15	-0.88	0.53	5.73	18.78	-188.90
	395	0.10	-1.67	0.17	-13.56	16.70	-191.68
	396	1.30e-003	-1.67	1.11	3.62	9.19	189.84
	386	5.05e-002	-0.88	1.46	6.29	7.96	187.07
277	384	2.51	-2.22	1.77	12.11	75.92	-151.34
	394	2.50	-2.37	2.62	-71.07	90.20	-167.23
	395	4.48e-002	-2.53	0.47	6.08	47.71	-194.94
	385	5.45e-002	-2.38	-0.38	24.07	26.74	-179.05
278	343	-0.33	-4.85	-5.83	-198.02	80.93	-29.34
	353	0.21	-2.35	-3.60	32.32	251.49	-28.51
	394	2.51	-2.18	1.38	31.26	165.84	-136.25
	384	2.35	-4.68	-0.85	78.19	157.16	-107.87
279	372	2.21	0.14	17.40	-7.61	11.00	22.08
	392	2.53	5.18	1.84	-28.92	23.16	32.66
	393	0.23	5.03	-12.07	-11.59	-34.08	33.50
	190	-0.10	-6.67e-003	3.49	-96.18	-17.65	17.26
280	217	-6.61e-002	-4.30e-003	0.22	-0.87	4.04	53.70
	391	8.17e-002	2.27	-0.78	-9.22	16.18	56.23
	392	2.36	2.42	4.49	-14.11	-14.03	38.39
	372	2.21	0.14	5.49	-7.01	-1.97	36.07
281	371	-6.07e-002	-3.94e-003	1.89	-0.63	3.56	82.84
	390	-2.25e-002	0.58	1.75	-3.53	16.26	83.64
	391	-2.79e-002	0.58	0.20	-6.16	16.61	64.57
	217	-6.61e-002	-4.30e-003	0.33	-0.82	3.16	63.80
282	216	2.47e-003	1.61e-004	0.96	0.70	3.38	111.51
	389	2.34e-002	0.32	0.95	-1.71	16.06	111.73
	390	-3.97e-002	0.32	1.51	-2.98	16.43	92.87
	371	-6.07e-002	-3.94e-003	1.52	-0.92	3.36	92.65
283	368	4.61e-003	2.99e-004	1.30	0.39	3.13	139.23
	388	4.19e-003	2.29e-002	1.25	-1.10	15.20	139.23
	389	2.22e-003	2.30e-002	1.01	-2.00	15.96	121.09
	216	2.47e-003	1.61e-004	1.06	1.10	3.35	121.09
284	215	7.36e-003	4.79e-004	1.06	1.03	2.56	164.44
	387	-1.12e-002	-0.29	1.01	-0.42	12.84	164.36

	388	-1.40e-002	-0.29	1.25	-2.11	14.95	148.19
	368	4.61e-003	2.99e-004	1.30	1.27	3.19	148.28
285	367	6.54e-002	4.25e-003	1.50	4.48	1.08	182.30
	386	2.59e-002	-0.61	1.48	-3.91	6.04	182.49
	387	-3.23e-002	-0.61	0.96	-2.82	12.34	172.15
	215	7.36e-003	4.79e-004	0.98	1.90	2.67	171.95
286	214	7.72e-002	5.02e-003	0.39	11.60	2.85	-178.36
	385	1.96e-002	-0.88	0.26	-20.52	14.22	-180.68
	386	7.79e-003	-0.89	1.71	2.61	5.02	187.30
	367	6.54e-002	4.25e-003	1.83	4.44	0.91	184.98
287	364	-2.16	-0.14	5.10	17.18	9.14	-117.34
	384	-2.31	-2.53	4.19	-76.78	54.25	-128.97
	385	-7.87e-002	-2.39	-0.65	9.02	21.71	-177.61
	214	7.72e-002	5.02e-003	0.26	-13.79	5.65	-165.84
288	187	0.24	1.59e-002	3.08	236.96	21.72	-59.27
	343	0.26	-4.85	-11.46	62.13	39.67	-24.24
	384	-2.47	-5.00	1.57	58.01	120.93	-93.66
	364	-2.16	-0.14	16.11	49.08	41.08	-44.85
329	352	-1.09	2.42	-0.46	-36.00	-106.92	203.81
	362	-1.07	2.69	0.28	53.83	-18.68	212.02
	363	0.23	2.76	-0.83	-95.38	-503.27	-122.32
	353	0.23	2.49	-1.54	164.10	-256.44	-113.71
330	351	0.38	2.44	1.03	-11.40	-6.93	233.22
	361	0.44	3.37	1.15e-002	12.49	29.78	232.77
	362	-1.03	3.28	3.13e-002	11.43	-124.33	220.93
	352	-1.09	2.35	1.05	-10.40	-77.00	221.34
331	350	-1.79e-002	1.70	0.73	7.38	32.67	213.52
	360	4.51e-002	2.67	0.20	1.67	50.89	212.89
	361	0.40	2.69	3.07e-002	1.55	-8.89	225.64
	351	0.33	1.72	0.56	-3.69	-7.59	226.27
332	349	-1.17e-002	1.28	0.60	7.78	45.03	182.33
	359	2.72e-002	1.88	0.31	1.22	61.27	181.74
	360	-7.04e-003	1.87	0.42	-1.59	42.41	202.53
	350	-4.54e-002	1.28	0.71	-4.17	35.24	203.12
333	348	1.04e-002	0.70	0.68	8.57	50.04	145.58
	358	3.42e-002	1.07	0.32	-2.01	65.90	145.25
	359	-2.59e-002	1.06	0.25	-2.24	57.26	169.60
	349	-4.98e-002	0.69	0.62	6.72	45.93	169.92
334	347	3.54e-002	0.19	0.62	8.66	52.39	106.24
	357	3.95e-002	0.26	0.25	-2.23	67.76	106.14
	358	-1.99e-002	0.26	0.32	-2.45	63.98	132.06
	348	-2.40e-002	0.19	0.68	8.10	50.40	132.16
335	346	3.93e-002	-0.43	0.70	7.26	52.71	66.49
	356	2.86e-002	-0.60	0.42	-2.10	66.52	66.68
	357	-1.39e-002	-0.60	0.32	-2.40	67.65	92.50
	347	-3.03e-003	-0.43	0.60	8.36	52.36	92.32
336	345	-0.34	-0.87	0.58	-2.43	48.42	29.92
	355	-0.38	-1.42	6.67e-002	-1.59	57.76	30.76
	356	-2.38e-002	-1.39	0.19	-2.02	69.47	53.49
	346	1.19e-002	-0.84	0.70	7.14	52.25	52.60
337	344	0.98	-1.52	0.92	-10.95	28.50	-9.12
	354	0.95	-1.95	-0.11	-1.60	29.05	9.02
	355	-0.42	-2.04	3.78e-002	-1.10	66.68	20.43
	345	-0.39	-1.61	1.07	-3.24	48.11	18.39
338	323	-0.19	-1.95	-1.29	-24.44	-43.56	-10.64
	333	-0.13	-0.96	-1.22	5.49	-56.05	7.43
	354	1.02	-0.89	-0.45	2.01	43.30	-8.60

	344	0.96	-1.87	-0.52	-4.95	28.02	-11.12
339	342	-2.24	4.40	-9.99e-001	68.82	-117.21	173.35
	352	-2.37	2.34	1.37	-34.13	-99.50	198.98
	353	0.26	2.50	-3.69	-28.86	-200.89	-105.73
	343	0.37	4.56	-6.05	193.74	-58.59	-80.64
340	341	-0.22	2.05	-0.88	22.93	-5.84	223.10
	351	-0.19	2.41	0.58	-5.73	-11.82	231.96
	352	-2.38	2.26	2.88	57.88	-58.89	216.80
	342	-2.40	1.91	1.42	-12.10	-48.94	207.91
341	340	-3.27e-002	0.88	1.25	9.45	18.91	212.88
	350	2.08e-002	1.70	1.03	-3.05	25.55	213.47
	351	-0.24	1.69	0.11	11.82	-6.32	225.26
	341	-0.29	0.86	0.33	-6.55	-3.30	224.68
342	339	1.03e-002	0.63	0.73	7.69	24.99	182.86
	349	5.29e-002	1.28	0.69	-2.64	36.99	182.45
	350	-6.92e-003	1.28	1.01	1.51	29.62	203.42
	340	-4.95e-002	0.62	1.05	-1.71	17.78	203.83
343	338	2.29e-003	0.35	0.91	7.88	27.38	145.91
	348	2.43e-002	0.70	0.85	-1.93	41.46	145.63
	349	1.48e-002	0.70	0.71	-0.48	38.49	170.27
	339	-7.85e-003	0.35	0.77	5.04	24.77	170.54
344	337	-7.79e-003	9.21e-002	0.78	7.76	28.61	106.12
	347	-2.10e-003	0.19	0.71	-1.64	43.60	106.08
	348	-1.00e-002	0.19	0.85	-0.96	42.09	132.32
	338	-1.55e-002	9.17e-002	0.91	6.76	27.46	132.37
345	336	3.20e-002	-0.20	1.05	6.25	28.97	65.45
	346	1.75e-002	-0.43	1.01	-1.90	44.19	65.76
	347	-4.02e-002	-0.43	0.69	-1.68	43.59	92.32
	337	-2.58e-002	-0.20	0.73	7.19	28.61	92.01
346	335	0.29	-0.43	0.35	-1.61	27.31	27.01
	345	0.26	-0.83	0.11	-3.19	41.29	28.12
	346	-1.02e-002	-0.85	1.01	-3.70	43.32	52.44
	336	1.59e-002	-0.45	1.26	6.17	28.62	51.23
347	334	2.62	-1.55	1.34	-19.66	17.20	-12.48
	344	2.63	-1.41	2.82	-6.75	25.04	-10.06
	345	0.21	-1.57	0.60	-9.35	39.92	17.99
	335	0.20	-1.70	-0.88	-2.14	26.62	15.07
348	313	-0.60	-4.45	-5.92	-52.62	-40.40	-13.34
	323	-0.43	-1.96	-3.48	-6.14	-40.14	8.46
	344	2.61	-1.76	1.38	-20.03	23.52	-11.77
	334	2.45	-4.25	-1.05	-7.54	24.45	-16.56
349	302	3.21	0.21	16.07	48.67	-30.86	117.06
	342	3.50	4.77	0.84	-44.20	-93.44	163.70
	343	0.48	4.57	-11.68	-60.89	-29.59	-88.33
	187	0.24	1.59e-002	3.55	229.71	-20.00	-44.27
350	213	0.11	7.23e-003	0.32	12.15	-1.01	215.00
	341	0.25	2.08	-1.06	-5.31	-5.91	220.87
	342	3.34	2.28	3.26	67.89	-33.59	190.20
	302	3.21	0.21	4.64	-30.86	-7.88	184.34
351	301	-6.47e-002	-4.20e-003	1.52	5.54	2.94	211.61
	340	-7.13e-003	0.88	1.43	-3.47	12.60	212.46
	341	0.17	0.89	0.16	16.89	-2.40	218.78
	213	0.11	7.23e-003	0.25	-12.47	-0.92	217.94
352	212	-1.34e-002	-8.74e-004	0.80	4.06	3.91	182.86
	339	2.74e-002	0.63	0.79	-4.03	17.01	182.79
	340	-2.39e-002	0.62	1.23	1.77	12.26	202.61
	301	-6.47e-002	-4.20e-003	1.24	-2.30	2.49	202.67

353	298	-7.13e-003	-4.63e-004	1.08	3.81	4.24	145.97
	338	1.57e-002	0.35	1.03	-3.76	18.71	145.89
	339	9.34e-003	0.35	0.83	-1.85	17.10	170.35
	212	-1.34e-002	-8.74e-004	0.89	-1.48	3.71	170.43
354	211	1.54e-003	1.00e-004	0.89	3.69	4.39	106.02
	337	6.18e-003	9.30e-002	0.83	-3.73	19.61	106.02
	338	-2.16e-003	9.26e-002	1.03	-2.77	18.89	132.30
	298	-7.13e-003	-4.63e-004	1.08	2.71	4.18	132.30
355	297	5.13e-002	3.33e-003	1.24	3.22	4.40	64.88
	336	3.85e-002	-0.20	1.23	-4.13	20.01	65.03
	337	-1.23e-002	-0.20	0.79	-3.47	19.62	91.94
	211	1.54e-003	1.00e-004	0.80	3.14	4.40	91.79
356	210	-0.14	-8.77e-003	0.23	1.21	4.00	25.21
	335	-0.16	-0.46	0.14	-5.26	19.32	25.70
	336	2.25e-002	-0.45	1.44	-5.12	19.46	51.15
	297	5.13e-002	3.33e-003	1.54	3.27	4.52	50.60
357	294	-3.19	-0.21	4.80	-7.71	2.03	-16.87
	334	-3.30	-1.93	3.37	-5.74	13.80	-15.53
	335	-0.25	-1.73	-1.10	-9.83	17.51	14.96
	210	-0.14	-8.77e-003	0.33	3.33	4.48	14.02
358	181	-0.54	-3.52e-002	3.82	-79.83	-14.92	-25.12
	313	-0.83	-4.46	-11.72	-19.15	-35.25	9.76
	334	-3.48	-4.63	0.98	-26.91	21.56	-17.40
	294	-3.19	-0.21	16.52	-2.12	8.06	-33.17
359	322	-0.87	2.73	-0.28	-7.68	31.75	19.35
	332	-0.89	2.40	-0.23	-1.97	39.05	19.88
	333	9.32e-002	2.47	-1.07	-13.44	-27.51	9.28
	323	0.12	2.79	-1.11	-30.77	-25.65	8.79
360	321	0.28	2.45	1.20	-1.74	51.24	43.27
	331	0.32	3.08	0.18	-1.49	67.74	45.05
	332	-0.85	3.01	-5.35e-002	-1.85	41.68	28.65
	322	-0.89	2.38	0.98	-9.45	35.15	26.97
361	320	-6.78e-002	1.33	0.95	5.13	56.36	-75.97
	330	-1.64e-002	2.12	0.37	-0.88	74.34	-76.95
	331	0.26	2.14	0.27	0.44	63.24	55.04
	321	0.21	1.34	0.85	-1.80	51.88	54.08
362	319	2.32e-002	0.66	0.95	6.70	57.62	-113.47
	329	4.14e-002	0.94	0.43	-0.66	75.00	-113.78
	330	-9.36e-002	0.94	0.51	-0.39	72.03	-89.00
	320	-0.11	0.65	1.02	5.11	56.85	-88.69
363	318	3.61e-002	-0.25	1.02	6.54	56.35	-151.90
	328	3.03e-002	-0.36	0.43	-0.54	72.52	-151.88
	329	-3.96e-002	-0.36	0.37	-0.51	74.56	-126.53
	319	-3.39e-002	-0.26	0.97	6.78	57.63	-126.56
364	317	5.45e-002	-1.02	0.96	5.20	50.94	-188.89
	327	1.97e-002	-1.56	0.37	-0.35	64.83	-188.69
	328	-5.06e-002	-1.57	0.43	-0.47	73.36	-164.53
	318	-1.58e-002	-1.03	1.02	6.81	55.68	-164.74
365	316	0.14	-1.89	1.03	3.62	35.36	-221.43
	326	7.66e-002	-2.79	0.51	-0.55	44.46	-221.43
	327	-6.13e-002	-2.80	0.43	-0.12	66.96	-200.69
	317	-3.19e-003	-1.89	0.94	6.14	48.68	-200.69
366	315	-0.19	-2.60	0.81	4.01	9.85	-242.61
	325	-0.28	-3.99	0.24	6.74	16.76	-244.37
	326	-7.61e-003	-3.97	0.38	2.97	49.26	-232.64
	316	9.00e-002	-2.58	0.95	6.64	27.60	-230.89
367	314	1.01	-3.63	1.02	9.03	-113.51	-224.32

	324	0.94	-4.83	5.60e-002	32.52	-193.56	-229.27
	325	-0.34	-4.92	0.14	14.85	15.08	-254.37
	315	-0.26	-3.71	1.13	12.68	37.00	-249.43
368	277	-0.53	-3.84	-1.31	287.41	-322.41	-49.45
	283	-0.58	-4.69	-0.54	-218.74	-757.54	-59.19
	324	0.95	-4.60	0.52	57.96	16.77	-201.60
	314	1.01	-3.74	-0.32	29.11	-197.87	-189.84
369	312	-2.62	4.99	-0.55	-13.24	27.27	15.04
	322	-2.78	2.60	1.72	-20.04	-25.69	17.84
	323	-0.13	2.78	-3.30	-5.36	-24.89	11.84
	313	4.24e-002	5.16	-5.56	-57.58	-33.09	8.72
370	311	-5.89e-002	2.36	-0.18	-2.32	29.02	38.14
	321	-5.44e-002	2.43	0.79	-8.97	43.78	42.50
	322	-2.80	2.25	2.97	-10.76	29.55	25.51
	312	-2.80	2.18	2.02	-18.66	20.57	21.67
371	310	-3.49e-002	0.70	1.78	4.05	31.11	-74.03
	320	6.24e-003	1.33	1.39	-2.75	47.42	-75.74
	321	-0.13	1.32	0.45	-3.47	44.31	52.29
	311	-0.17	0.70	0.84	-2.65	29.12	50.65
372	309	3.11e-002	0.33	1.20	5.55	31.50	-112.96
	319	5.23e-002	0.66	1.12	-0.49	48.44	-113.48
	320	-3.85e-002	0.65	1.47	-0.88	48.07	-87.89
	310	-5.97e-002	0.32	1.54	4.03	31.17	-87.37
373	308	2.30e-002	-0.13	1.41	5.24	30.54	-152.11
	318	1.57e-002	-0.26	1.29	-0.45	47.42	-152.10
	319	-5.78e-003	-0.26	1.14	-0.47	48.47	-126.35
	309	2.84e-003	-0.13	1.25	5.76	31.46	-126.36
374	307	1.85e-002	-0.51	1.25	3.54	26.98	-189.41
	317	-1.52e-002	-1.03	1.13	0.86	42.86	-189.15
	318	-3.61e-002	-1.03	1.29	-0.66	46.60	-164.83
	308	-3.38e-003	-0.51	1.41	6.09	30.48	-165.09
375	306	8.44e-002	-0.94	1.55	1.68	16.12	-220.79
	316	2.32e-002	-1.89	1.47	3.78	29.46	-221.06
	317	-7.21e-002	-1.90	1.11	-1.60	40.13	-201.02
	307	-1.10e-002	-0.95	1.20	6.51	26.91	-200.76
376	305	0.19	-1.33	0.82	3.93	15.33	-235.82
	315	0.11	-2.58	0.43	20.63	8.26	-240.41
	316	-2.28e-002	-2.59	1.40	1.49	19.87	-231.30
	306	5.90e-002	-1.33	1.79	11.43	15.76	-226.72
377	304	2.62	-2.86	2.10	25.03	-77.36	-203.78
	314	2.58	-3.53	2.97	96.02	-82.92	-226.20
	315	3.54e-002	-3.69	0.74	11.61	46.59	-248.82
	305	7.72e-002	-3.02	-0.17	37.56	24.41	-226.41
378	271	-0.71	-5.68	-5.66	330.77	32.58	-35.59
	277	-0.60	-3.84	-3.50	-50.52	-241.92	-66.71
	314	2.57	-3.64	1.64	47.38	-172.66	-189.60
	304	2.45	-5.47	-0.53	110.79	-189.25	-155.16
379	292	2.31	0.15	17.26	-5.19	10.39	16.66
	312	2.65	5.33	2.04	-27.98	23.27	13.57
	313	-0.21	5.15	-11.37	-13.04	-30.61	12.35
	181	-0.54	-3.52e-002	3.86	-87.14	-15.98	10.41
380	209	-4.34e-002	-2.82e-003	0.64	0.80	4.89	35.60
	311	0.11	2.37	-0.43	-9.38	19.93	37.93
	312	2.47	2.52	4.59	-10.98	15.92	18.41
	292	2.31	0.15	5.65	-7.48	-2.15	16.92
381	291	-6.11e-002	-3.97e-003	2.21	1.34	4.74	-73.19
	310	-1.52e-002	0.71	2.07	-3.98	21.61	-73.99

	311	3.01e-003	0.71	0.58	-5.42	20.97	48.93
	209	-4.34e-002	-2.82e-003	0.72	-0.58	4.07	48.16
382	208	4.04e-003	2.63e-004	1.34	1.40	4.67	-112.68
	309	2.49e-002	0.33	1.30	-2.16	21.99	-112.93
	310	-3.99e-002	0.33	1.83	-2.93	21.94	-86.84
	291	-6.11e-002	-3.97e-003	1.87	1.24	4.53	-86.59
383	288	1.04e-002	6.74e-004	1.66	0.97	4.47	-152.04
	308	3.35e-003	-0.13	1.59	-1.40	21.38	-152.06
	309	-4.40e-003	-0.13	1.35	-2.18	21.99	-126.25
	208	4.04e-003	2.63e-004	1.43	1.65	4.64	-126.23
384	207	1.70e-002	1.11e-003	1.42	0.63	3.87	-189.01
	307	-1.64e-002	-0.51	1.35	-0.24	18.90	-188.98
	308	-2.31e-002	-0.51	1.59	-2.32	21.20	-165.14
	288	1.04e-002	6.74e-004	1.66	1.96	4.53	-165.17
385	287	8.01e-002	5.21e-003	1.88	-4.76	2.15	-217.67
	306	1.89e-002	-0.95	1.84	5.75	11.00	-218.10
	307	-4.49e-002	-0.95	1.30	-2.73	18.56	-200.93
	207	1.70e-002	1.11e-003	1.34	2.81	3.98	-200.50
386	206	9.33e-002	6.07e-003	0.72	-12.98	2.29	-220.59
	305	-9.10e-003	-1.34	0.57	28.29	12.53	-223.95
	306	-8.86e-003	-1.34	2.08	-1.14	10.48	-226.87
	287	8.01e-002	5.21e-003	2.23	6.06	1.91	-223.51
387	284	-2.25	-0.15	5.67	-15.80	-8.51	-155.80
	304	-2.45	-3.19	4.72	102.80	-56.39	-171.96
	305	-0.11	-3.04	-0.41	16.47	20.39	-224.09
	206	9.33e-002	6.07e-003	0.57	17.94	-5.96	-207.90
388	176	-0.66	-4.30e-002	3.23	412.37	49.56	-34.64
	271	-1.00	-5.69	-11.77	51.64	19.42	-57.60
	304	-2.62	-5.80	2.10	91.37	-149.02	-135.34
	284	-2.25	-0.15	17.10	68.93	-57.41	-53.53
429	276	-0.89	0.62	-0.15	67.94	-38.11	60.84
	282	-0.93	-0.71	0.47	25.80	-51.70	81.44
	283	0.35	-0.71	-0.69	-47.46	-155.11	-74.20
	277	0.32	0.66	-1.10	154.19	-57.19	-53.79
430	275	0.35	0.60	1.53	38.86	-11.84	40.70
	281	0.31	-1.01	0.25	7.45	-15.76	46.22
	282	-0.96	-1.06	0.15	18.24	-37.06	68.06
	276	-0.92	0.60	1.42	-48.04	-22.92	62.02
431	274	-0.14	-1.65	1.22	47.82	-3.36	14.16
	280	-0.18	-2.40	0.29	6.02	22.04	12.42
	281	0.21	-2.38	0.30	5.99	-17.26	32.27
	275	0.25	-1.63	1.23	37.44	-6.05	35.46
432	273	0.54	-2.80	1.63	81.59	12.95	-34.63
	279	0.46	-4.14	0.65	30.11	30.34	-47.67
	280	-0.30	-4.19	0.42	14.08	-17.05	20.64
	274	-0.22	-2.84	1.41	51.90	-14.31	14.51
433	272	0.30	-2.71	-0.53	341.82	82.15	13.83
	278	-0.54	-6.93	1.38	177.57	-161.83	-51.05
	279	0.30	-6.88	1.90	50.69	114.02	-67.03
	273	0.54	-2.67	1.01	109.56	-40.66	-29.13
434	270	-2.49	3.87	-0.24	108.78	-78.78	24.31
	276	-2.72	0.56	2.12	85.97	-35.38	55.80
	277	-0.37	0.66	-3.29	-73.07	-47.43	-42.23
	271	0.24	4.03	-5.33	245.45	-100.50	-18.67
435	269	5.26e-002	1.24	0.53	50.24	-15.17	26.54
	275	-3.03e-002	0.60	1.34	43.14	-18.68	44.04
	276	-2.75	-0.63	3.48	80.66	-17.26	50.94

	270	-2.67	1.07	2.66	80.77	-22.95	31.38
436	268	2.91e-002	-0.82	2.06	53.32	-13.97	28.51
	274	3.55e-002	-1.64	1.53	47.29	-6.59	23.05
	275	-0.13	-1.65	1.04	39.49	-8.02	30.01
	269	-7.79e-002	-0.82	1.57	42.69	-12.15	35.85
437	267	0.75	-1.63	2.36	133.68	-23.04	26.13
	273	0.70	-2.80	2.68	130.79	10.21	22.37
	274	-0.11	-2.84	1.72	63.35	-27.12	14.94
	268	-3.64e-002	-1.68	1.40	71.43	-20.69	39.50
438	266	-0.33	-2.99	-1.94	461.62	190.01	34.10
	272	-0.32	-2.72	-1.31	115.86	96.80	19.03
	273	0.69	-2.67	2.03	142.66	-36.43	19.68
	267	0.66	-2.93	1.39	176.16	-112.05	32.14
439	205	2.15	0.14	18.20	50.29	-41.03	-77.32
	270	2.41	4.18	2.90	118.04	-78.98	-10.78
	271	0.46	4.01	-11.44	130.70	-108.61	-25.57
	176	-0.66	-4.30e-002	3.88	342.59	65.08	-68.74
440	204	-2.45e-002	-1.59e-003	1.30	10.00	-5.06	20.41
	269	6.00e-002	1.24	0.37	42.78	-13.08	30.36
	270	2.23	1.38	5.46	82.95	-20.67	10.37
	205	2.15	0.14	6.42	-16.29	-2.36	17.11
441	203	2.04e-002	1.33e-003	2.56	3.17	-1.48	46.98
	268	-6.77e-002	-0.82	2.33	50.74	-14.17	43.99
	269	-6.70e-002	-0.82	1.40	40.16	-10.90	26.97
	204	-2.45e-002	-1.59e-003	1.64	-4.14	-2.27	29.72
442	202	-0.86	-5.56e-002	3.60	28.31	4.12	92.69
	267	-0.96	-1.74	3.25	128.49	-24.70	68.59
	268	-0.12	-1.68	1.67	59.03	-16.70	38.47
	203	2.04e-002	1.33e-003	2.01	16.52	-7.89	61.12
443	175	-0.25	-1.63e-002	1.86	572.47	107.47	151.90
	266	-0.28	-2.98	-3.94	175.19	183.37	21.88
	267	-1.05	-3.04	2.27	189.76	-109.36	55.30
	202	-0.86	-5.56e-002	8.04	75.68	-63.63	186.52
600	158	-0.11	-5.98e-002	0.20	-253.26	1542.66	-149.83
	104	-0.14	-0.62	-1.18	670.81	339.90	-337.71
	41	-3.98e-002	-0.61	5.78e-002	1564.18	6332.40	1536.85
	116	-3.46e-003	-5.32e-002	1.38	-1273.65	714.70	1766.67
601	157	2.57e-002	5.38e-002	0.28	178.94	-1249.25	-604.10
	103	4.91e-002	0.37	0.14	135.88	-1675.37	-840.38
	104	-0.13	0.37	-0.33	127.43	1301.01	-616.28
	158	-0.10	5.20e-002	-0.20	-18.07	402.10	-384.78
602	156	-1.74e-002	0.22	-0.15	360.30	-3198.23	-187.25
	102	-2.96e-002	0.41	-5.48e-002	-99.92	-4690.75	-417.96
	103	5.23e-002	0.42	0.16	-119.67	-1375.68	-832.96
	157	3.98e-002	0.22	0.25	160.50	-1874.78	-580.14
603	155	0.50	2.46e-002	-0.30	767.08	-1762.99	4124.33
	1	0.55	0.71	-0.47	-165.30	-11799.04	3644.01
	102	-4.67e-002	0.68	-0.25	-992.09	-3352.37	-248.20
	156	-5.10e-003	8.62e-003	-8.02e-002	1041.67	-4584.51	281.18
604	154	-0.28	3.58e-002	-4.59e-002	-294.60	174.82	150.53
	158	-0.29	-7.15e-002	0.58	-191.59	945.53	209.65
	116	-3.46e-003	-5.32e-002	0.70	108.16	219.10	571.02
	115	1.26e-003	1.93e-002	-8.39e-002	-151.52	234.53	353.98
605	153	0.10	2.99e-002	-0.13	156.54	-1258.90	-166.73
	157	9.40e-002	5.37e-002	0.22	281.98	-1077.22	-636.95
	158	-0.28	5.09e-002	0.19	-359.33	-222.14	-438.03
	154	-0.28	3.98e-002	-0.10	-159.38	-383.31	171.70

606	152	0.12	1.09e-002	-0.18	441.27	-2221.13	162.15
	156	0.14	0.23	-0.20	821.96	-2734.96	-286.55
	157	0.11	0.23	-0.20	166.76	-1955.39	-583.45
	153	9.43e-002	9.96e-003	-0.18	401.64	-1797.58	-223.09
607	151	-4.36e-002	2.29e-002	2.16e-002	-432.60	-792.14	319.78
	155	-4.54e-002	-1.07e-002	-3.91e-003	-690.67	-955.34	1485.95
	156	0.12	3.33e-003	-0.13	491.37	-3375.36	857.21
	152	0.12	3.30e-002	-0.15	530.52	-2110.18	-333.56
608	150	0.11	4.40e-002	0.63	-182.04	530.12	170.51
	154	0.11	1.57e-002	-3.83e-002	-254.45	180.49	299.12
	115	1.26e-003	1.93e-002	-8.90e-002	-87.92	201.82	150.23
	114	2.40e-003	3.69e-002	0.71	36.71	149.59	-198.65
609	149	0.10	0.24	-0.27	73.42	-1192.82	546.32
	153	8.27e-002	2.86e-002	-0.13	159.62	-1324.48	175.55
	154	0.11	2.12e-002	-0.13	-159.70	-389.63	147.07
	150	0.10	0.23	-0.27	-340.35	-410.29	486.50
610	148	1.99e-002	0.12	8.62e-002	483.54	-2787.48	133.99
	152	1.41e-002	7.29e-003	-0.14	411.99	-2263.61	-251.55
	153	8.15e-002	8.55e-003	-0.17	382.41	-1812.35	184.59
	149	8.61e-002	0.12	0.12	-80.10	-2132.77	478.18
611	147	-0.21	1.75e-002	2.93e-002	-966.24	-1042.48	-1601.22
	151	-0.20	1.23e-002	-7.00e-002	-471.66	-797.53	-465.04
	152	1.52e-002	2.61e-002	-0.11	466.41	-2131.07	185.00
	148	1.38e-002	8.01e-003	2.12e-002	185.43	-3325.14	-980.12
612	107	-1.52e-002	0.41	-0.90	792.06	-520.50	453.68
	150	-3.12e-002	3.70e-002	-0.34	-253.63	900.75	194.53
	114	2.40e-003	3.69e-002	1.54	-843.32	428.71	-967.29
	46	2.66e-002	0.41	-0.35	1059.66	4393.34	-673.49
613	106	-2.80e-002	0.25	0.17	-377.54	-1985.62	269.05
	149	-3.46e-002	0.24	0.31	-65.98	-1502.44	425.65
	150	-2.67e-002	0.24	-7.41e-002	-216.74	243.39	418.72
	107	-2.01e-002	0.25	-0.17	397.47	592.55	263.88
614	105	-2.60e-002	0.27	-7.62e-002	-1594.99	-4551.59	95.44
	148	-2.77e-002	0.12	9.19e-002	99.64	-3331.10	133.21
	149	-2.90e-002	0.12	0.17	-274.61	-2015.74	340.61
	106	-2.99e-002	0.27	0.15	-704.90	-1446.57	236.52
615	3	0.25	0.44	0.12	255.58	-11913.76	-3015.61
	147	0.27	2.33e-002	0.25	173.14	-1682.62	-4177.24
	148	-3.23e-002	6.46e-003	2.55e-002	737.02	-4652.31	-528.22
	105	-2.94e-002	0.45	0.28	-2296.67	-2760.93	646.64
616	146	-6.39e-002	5.54e-002	0.31	57.71	1325.20	186.72
	107	4.50e-002	0.41	-0.91	624.96	-576.62	-170.15
	46	2.66e-002	0.41	0.18	1474.89	4528.54	986.85
	119	3.55e-003	5.46e-002	1.29	-1139.76	668.32	1218.44
617	145	-2.39e-002	0.16	0.30	-118.20	-1634.96	-271.65
	106	-1.66e-002	0.25	0.19	-405.03	-1979.95	119.87
	107	4.99e-002	0.25	-0.18	392.34	570.30	155.38
	146	-5.95e-002	0.16	-7.85e-002	57.87	266.29	-209.15
618	144	-5.51e-002	0.21	-0.23	-870.82	-3833.24	-253.05
	105	-5.20e-002	0.27	-0.13	-1147.84	-4591.78	99.90
	106	-1.62e-002	0.27	0.16	-564.81	-1529.36	125.82
	145	-1.93e-002	0.22	0.26	-476.79	-2142.35	-324.56
619	143	0.57	8.53e-002	-0.25	320.93	-2278.58	4116.45
	3	0.59	0.48	-0.36	427.19	-12269.46	3007.50
	105	-4.06e-002	0.45	-0.33	-1760.11	-2571.04	-756.20
	144	-6.59e-002	4.85e-002	-0.18	-123.40	-6140.94	371.07
620	142	-0.25	5.76e-002	-5.41e-002	-525.98	399.71	-178.17

	146	-0.24	4.83e-002	0.57	-133.92	1009.68	169.06
	119	3.55e-003	5.46e-002	0.74	72.39	357.61	389.85
	118	3.06e-003	4.70e-002	0.14	-127.37	525.34	181.23
621	141	1.97e-002	0.11	0.13	-96.47	-1622.94	152.19
	145	1.84e-002	0.16	0.25	-129.48	-1440.74	-371.88
	146	-0.24	0.16	0.20	-450.38	-379.29	-303.29
	142	-0.25	0.12	8.99e-002	-361.27	-334.09	138.60
622	140	7.45e-002	8.66e-002	-0.25	230.52	-3306.71	113.21
	144	8.32e-002	0.22	-0.26	515.26	-3348.61	-362.75
	145	2.69e-002	0.22	-0.21	-181.06	-2443.73	-444.58
	141	1.87e-002	8.37e-002	0.21	60.84	-2357.48	145.04
623	139	-0.13	3.31e-002	5.60e-002	-1243.89	-1841.01	422.83
	143	-0.13	4.99e-002	-3.70e-002	-689.58	-1413.34	1408.70
	144	7.33e-002	5.65e-002	-0.21	-270.22	-5216.16	658.96
	140	7.23e-002	4.03e-002	-0.23	649.70	-3494.85	-348.75
624	138	0.19	9.01e-002	0.66	-174.61	951.60	-156.16
	142	0.20	4.15e-002	-4.23e-002	-516.97	390.54	197.47
	118	3.06e-003	4.70e-002	0.15	-125.86	527.02	-149.93
	117	6.55e-003	0.10	0.82	64.73	377.80	-357.43
625	137	3.14e-002	0.27	0.28	-166.95	-1461.20	397.80
	141	2.29e-002	0.11	0.13	-103.78	-1626.18	170.33
	142	0.20	0.10	-0.11	-374.16	-331.46	134.84
	138	0.19	0.26	-0.26	-473.10	-355.92	320.99
626	136	3.03e-002	0.18	0.18	504.46	-3401.86	381.43
	140	2.49e-002	8.38e-002	0.21	229.00	-3311.86	110.02
	141	2.23e-002	8.35e-002	0.21	58.53	-2362.32	155.63
	137	2.22e-002	0.17	0.17	-220.82	-2436.00	480.57
627	135	-0.25	3.72e-002	3.70e-002	-702.05	-1467.85	-1437.79
	139	-0.25	2.40e-002	-9.21e-002	-1240.82	-1848.91	-452.28
	140	2.36e-002	3.75e-002	0.19	645.55	-3499.79	348.65
	136	2.42e-002	5.04e-002	0.12	-274.38	-5227.24	-656.54
628	110	-3.00e-002	0.54	-0.84	590.87	-363.90	149.63
	138	-2.77e-002	0.10	-0.38	-41.20	1261.17	-151.88
	117	6.55e-003	0.10	1.59	-1057.41	662.74	-1129.68
	47	3.50e-002	0.54	-0.39	1357.66	4134.01	-943.95
629	109	-3.87e-002	0.29	0.17	-510.76	-1884.60	122.83
	137	-4.30e-002	0.27	0.33	-189.03	-1650.64	313.85
	138	-2.61e-002	0.27	-6.23e-002	-66.29	249.99	228.89
	110	-2.13e-002	0.29	-0.19	299.55	482.67	129.80
630	108	-5.92e-002	0.27	0.10	-1148.12	-4565.31	137.00
	136	-5.62e-002	0.17	0.16	-899.80	-3877.58	308.63
	137	-3.44e-002	0.17	0.21	-515.09	-2148.78	360.56
	109	-3.65e-002	0.27	0.15	-687.75	-1575.44	182.26
631	4	0.40	0.41	0.20	521.89	-11945.04	-3008.78
	135	0.40	5.23e-002	0.23	204.81	-2327.83	-4101.29
	136	-5.79e-002	4.96e-002	0.11	-37.80	-6184.70	-319.16
	108	-6.03e-002	0.41	0.32	-1870.51	-3048.70	792.66
632	134	-5.90e-002	-0.14	0.17	-565.79	389.78	-268.33
	110	-7.06e-002	0.54	-0.87	859.06	-288.64	-487.54
	47	3.50e-002	0.54	0.24	772.88	3917.61	532.23
	122	-8.62e-003	-0.13	1.17	-579.77	369.56	759.40
633	133	-1.75e-002	0.13	0.27	7.47	-1405.46	-448.03
	109	-1.73e-002	0.29	0.15	-470.88	-1961.83	-313.26
	110	-5.73e-002	0.29	-0.22	499.35	575.92	-284.64
	134	-4.23e-002	0.13	0.12	-482.04	-261.13	-417.77
634	132	-3.54e-002	0.12	-0.16	1025.05	-2640.97	155.60
	108	-3.64e-002	0.27	-8.95e-002	-2192.89	-4611.91	174.65

	109	-1.53e-002	0.27	0.14	-877.11	-1353.17	-268.79
	133	-1.93e-002	0.12	0.21	25.28	-1989.24	-308.02
635	131	0.45	-3.57e-002	-0.17	-458.38	-1578.94	3826.00
	4	0.46	0.43	-0.31	576.65	-11105.86	2787.71
	108	3.94e-002	0.41	0.31	-2651.96	-3481.41	-540.89
	132	-3.48e-002	-2.47e-002	-7.12e-002	1484.35	-3368.30	520.20
636	130	0.12	9.97e-003	-4.66e-002	-24.76	-332.02	-223.01
	134	0.13	-0.14	0.47	-149.98	166.27	-170.77
	122	-8.62e-003	-0.13	0.51	12.69	39.62	114.22
	121	1.83e-004	2.82e-003	8.48e-002	-47.18	-35.96	126.66
637	129	5.39e-002	-8.30e-003	0.14	229.79	-1194.14	-156.80
	133	6.09e-002	0.14	0.23	112.04	-1131.24	-465.12
	134	0.12	0.13	0.22	-213.17	-498.38	-427.90
	130	0.12	-1.52e-002	0.12	72.20	-497.95	134.65
638	128	7.62e-002	-1.64e-002	0.13	323.41	-1569.62	294.37
	132	8.35e-002	0.12	-0.15	264.03	-2306.97	173.54
	133	6.04e-002	0.12	-0.17	-17.60	-1825.28	-319.82
	129	5.34e-002	-1.39e-002	0.16	408.76	-1359.79	-186.71
639	127	-9.32e-002	9.10e-003	3.73e-002	-140.97	-199.25	371.34
	131	-9.47e-002	-2.84e-002	-2.28e-002	-898.20	-748.57	1347.56
	132	7.61e-002	-2.21e-002	-6.02e-002	159.68	-2055.33	971.12
	128	7.71e-002	1.41e-002	-0.11	208.93	-1474.77	96.49
640	126	0.17	0.17	0.48	-192.61	339.73	-141.78
	130	0.16	1.01e-002	-3.68e-002	-24.42	-301.42	130.40
	121	1.83e-004	2.82e-003	9.27e-002	-68.38	19.49	-225.02
	120	1.02e-002	0.16	0.55	34.02	47.19	-312.02
641	125	8.23e-002	0.16	0.25	268.78	-1031.46	563.67
	129	7.98e-002	-6.64e-003	0.14	221.11	-1123.78	153.59
	130	0.16	-4.84e-003	0.11	71.92	-492.78	-147.94
	126	0.15	0.15	0.21	-219.52	-193.07	410.58
642	124	0.10	0.13	0.14	614.18	-2285.98	121.92
	128	9.45e-002	-1.53e-002	0.12	303.04	-1526.08	-194.90
	129	7.94e-002	-1.23e-002	0.17	408.23	-1360.79	225.42
	125	8.74e-002	0.12	0.18	195.09	-1605.59	438.74
643	123	-0.12	-3.66e-002	1.35e-002	-731.56	-614.66	-1265.91
	127	-0.11	4.87e-003	-4.21e-002	-72.86	-197.29	-227.28
	128	0.10	1.23e-002	0.10	216.33	-1464.03	186.73
	124	9.31e-002	-2.98e-002	4.94e-002	480.89	-2148.06	-889.85
644	113	0.18	0.52	-0.97	886.60	757.20	498.31
	126	0.16	0.17	0.11	-577.84	864.08	309.17
	120	1.02e-002	0.16	1.34	-826.51	573.45	-1334.42
	48	3.35e-002	0.52	-0.32	1108.84	5485.73	-1137.87
645	112	4.64e-002	0.32	0.12	74.27	-1626.63	889.30
	125	2.85e-002	0.16	0.29	192.31	-1138.49	629.45
	126	0.14	0.15	-0.17	-310.66	227.56	461.75
	113	0.16	0.32	-0.33	421.79	1207.16	718.80
646	111	5.51e-002	0.32	-3.76e-002	-813.40	-4743.42	319.93
	124	4.88e-002	0.12	0.13	1081.57	-2625.42	106.90
	125	3.33e-002	0.12	0.22	333.29	-1787.40	552.43
	112	4.67e-002	0.32	0.13	-233.47	-1306.30	828.63
647	5	0.45	0.49	0.34	-105.37	-11118.54	-3425.32
	123	0.42	-2.41e-002	0.19	364.66	-1532.36	-3816.12
	124	4.15e-002	-3.34e-002	-4.41e-002	1621.65	-3475.52	-288.47
	111	6.76e-002	0.47	0.26	-1504.89	-4194.21	154.23

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Elem	Nodo	N	Vy	Vz	Mx	My	Mz
1	196	-9772.25	-672.19	153.78	-1357.38	-22514.38	-166449.95
	509	9772.25	672.19	-153.78	1357.38	-43272.99	-119240.41
2	255	22418.93	-1024.45	118.57	-3959.55	-23908.13	-128748.23
	196	-22418.93	1024.45	-118.57	3959.55	14583.30	-196902.96
3	487	-543.53	223.78	-170.09	-52938.21	44223.48	59942.49
	509	543.53	-223.78	170.09	52938.21	48923.59	62932.68
4	509	557.83	-352.13	-3627.38	16731.57	287709.77	-20630.17
	495	-557.83	352.13	3627.38	-16731.57	147615.08	-23490.71
5	195	4512.66	334.05	4285.27	25333.77	-423573.05	3541.24
	509	-4512.66	-334.05	-4285.27	-25333.77	-219639.82	50284.57
6	403	-28.54	164.89	-254.00	-19284.58	10192.89	-3055.58
	413	28.54	-164.89	254.00	19284.58	-1412.55	2720.67
7	393	-45.26	683.26	-393.44	-26851.70	28082.93	16115.54
	403	45.26	-683.26	393.44	26851.70	-14335.05	7801.29
8	190	-88.51	2061.89	-629.67	-29258.21	56761.44	111583.99
	393	88.51	-2061.89	629.67	29258.21	-34734.45	39419.70
9	353	-1426.88	-211.59	-343.78	19974.75	-69003.02	8298.45
	363	1426.88	211.59	343.78	-19974.75	78194.96	-13364.37
10	343	-1158.75	-662.23	295.86	20342.90	-100541.30	14668.47
	353	1158.75	662.23	-295.86	-20342.90	105557.36	-9210.21
11	187	-1350.80	-1913.43	571.39	21214.82	-152567.17	-103317.06
	343	1350.80	1913.43	-571.39	-21214.82	134963.24	36437.00
12	323	-77.74	-162.92	-157.05	-4042.81	7358.01	-3097.22
	333	77.74	162.92	157.05	4042.81	-2190.09	2615.34
13	313	-169.80	-647.23	-278.07	-5751.86	22105.67	-14889.74
	323	169.80	647.23	278.07	5751.86	-12485.22	7769.44
14	181	-343.65	-1925.73	-475.84	-6296.14	45822.48	-105148.67
	313	343.65	1925.73	475.84	6296.14	-29224.41	37752.15
15	277	-1234.01	-163.29	505.42	-7900.57	-66474.48	4227.75
	283	1234.01	163.29	-505.42	7900.57	49480.60	-7103.03
16	271	-1112.88	662.79	600.95	-12522.26	-123174.69	16037.65
	277	1112.88	-662.79	-600.95	12522.26	102362.30	7287.24
17	176	-1537.40	2041.93	1397.71	-17127.49	-208554.19	109223.14
	271	1537.40	-2041.93	-1397.71	17127.49	159691.50	37848.31
18	272	-1253.67	686.53	804.40	-3904.76	-163456.93	35499.59
	278	1253.67	-686.53	-804.40	3904.76	135978.74	-12004.52
19	266	-505.26	-335.52	1248.79	12235.93	-221696.38	24040.18
	272	505.26	335.52	-1248.79	-12235.93	178233.08	-22406.56
20	175	-734.37	896.74	2042.98	31509.41	-308948.18	60322.11
	266	734.37	-896.74	-2042.98	-31509.41	237528.90	-31777.89
21	508	-797.54	780.93	-19.88	-13734.67	4128.28	121246.82
	278	797.54	-780.93	19.88	13734.67	-3822.36	113033.35
22	506	1712.73	86.24	-79.52	6060.52	16778.23	23923.09
	500	-1712.73	-86.24	79.52	-6060.52	19536.79	13362.88
23	167	3178.41	687.98	-230.26	8113.09	43988.68	146265.13
	506	-3178.41	-687.98	230.26	-8113.09	24684.18	53075.80
24	507	-549.81	402.16	-140.63	-15137.86	24178.40	65364.06
	508	549.81	-402.16	140.63	15137.86	18072.75	55292.27
25	506	-844.17	561.86	121.00	14288.80	-29430.79	120820.65

	507	844.17	-561.86	-121.00	-14288.80	-22846.44	120780.24
26	505	-1284.16	530.30	-202.10	-37119.19	42356.85	103972.65
	506	1284.16	-530.30	202.10	37119.19	-36795.03	102843.37
27	504	-1745.19	567.00	190.60	33596.35	-41694.58	133081.93
	505	1745.19	-567.00	-190.60	-33596.35	-40361.34	110728.62
28	504	1901.54	-32.73	-249.63	4841.44	42976.06	-4402.37
	498	-1901.54	32.73	249.63	-4841.44	60737.09	-16348.36
29	161	4675.88	894.51	-103.86	15173.63	12844.57	191531.44
	504	-4675.88	-894.51	103.86	-15173.63	17468.09	67652.52
30	499	-774.83	-399.31	315.92	23345.02	-72587.91	-79543.05
	498	774.83	399.31	-315.92	-23345.02	-63367.32	-92168.38
31	500	-1265.92	-354.52	-369.33	-21638.92	68275.30	-67633.03
	499	1265.92	354.52	369.33	21638.92	76168.67	-70635.08
32	501	-1940.07	-411.51	240.63	21698.57	-43697.65	-87474.91
	500	1940.07	411.51	-240.63	-21698.57	-60014.29	-89474.62
33	502	-2310.27	-433.86	-120.79	6848.39	6465.62	-66550.13
	501	2310.27	433.86	120.79	-6848.39	31062.57	-63624.56
34	503	-2535.26	-512.11	-33.58	-12985.25	-6226.93	-76028.65
	502	2535.26	512.11	33.58	12985.25	6636.16	-77630.22
35	496	-3016.30	-210.74	-94.85	-15900.30	31036.06	-53507.12
	503	3016.30	210.74	94.85	15900.30	17471.28	-54071.35
36	160	1468.34	-1353.77	600.97	11120.20	-164064.92	180023.85
	504	-1468.34	1353.77	-600.97	-11120.20	102558.43	-37944.97
37	163	113.08	-454.19	-1813.32	-4116.44	-26254.95	-33330.42
	505	-113.08	454.19	1813.32	4116.44	213641.03	-70714.67
38	166	-968.06	-201.31	-1948.37	26366.27	-8100.10	-46426.36
	506	968.06	201.31	1948.37	-26366.27	207538.42	-26568.34
39	169	-162.23	-146.08	-1520.04	-3460.88	-28990.29	-19132.20
	507	162.23	146.08	1520.04	3460.88	186059.02	-29353.02
40	172	379.53	-327.02	-644.11	15847.47	-110707.78	37747.03
	508	-379.53	327.02	644.11	-15847.47	176500.81	-7592.83
41	159	443.96	869.12	140.01	-9478.11	-70159.15	195772.31
	498	-443.96	-869.12	-140.01	9478.11	68265.18	38984.82
42	162	119.01	-108.10	-798.67	4195.05	68013.25	-44116.00
	499	-119.01	108.10	798.67	-4195.05	148510.69	-44971.01
43	165	-656.67	419.43	-761.30	16751.44	60637.79	87677.89
	500	656.67	-419.43	761.30	-16751.44	146323.39	26223.13
44	168	101.84	-237.21	-812.94	-13967.20	70738.56	-53528.22
	501	-101.84	237.21	812.94	13967.20	149906.93	-16122.05
45	171	108.31	-488.82	-800.20	11760.27	73671.20	-115315.23
	502	-108.31	488.82	800.20	-11760.27	143714.99	-17239.66
46	174	-305.59	-339.15	-663.83	16342.17	52623.28	-82409.42
	503	305.59	339.15	663.83	-16342.17	129935.05	11529.39
47	177	-1410.77	863.76	337.11	-9040.32	-121497.31	113565.99
	496	1410.77	-863.76	-337.11	9040.32	51835.75	120764.39
48	178	-515.38	990.65	487.39	25240.19	-163016.93	130734.11
	497	515.38	-990.65	-487.39	-25240.19	43322.42	136853.32
49	278	6973.97	41.27	-64.06	2639.08	17562.99	11274.28
	496	-6973.97	-41.27	64.06	-2639.08	24884.86	15997.40
50	497	-3296.71	-662.80	405.34	12178.96	-97302.22	-116720.19
	496	3296.71	662.80	-405.34	-12178.96	-56953.46	-135491.61

51	478	-2634.75	-260.81	-1037.23	-31485.74	160325.83	-37228.16
	497	2634.75	260.81	1037.23	31485.74	122297.49	-35064.20
52	173	13038.09	354.87	-20.87	2978.22	7113.78	116350.76
	278	-13038.09	-354.87	20.87	-2978.22	2329.52	32098.93
53	283	4855.43	-52.11	-142.59	3220.27	36094.46	13277.04
	478	-4855.43	52.11	142.59	-3220.27	-45444.29	-16510.27
54	173	9690.08	281.22	-91.29	-6492.10	13550.69	64510.91
	283	-9690.08	-281.22	91.29	6492.10	16026.96	24881.30
55	483	-259.74	198.33	83.79	3153.28	-47763.58	78054.64
	484	259.74	-198.33	-83.79	-3153.28	-19500.48	80243.29
56	482	-838.27	418.05	-874.31	-232157.73	208816.71	-112689.25
	483	838.27	-418.05	874.31	232157.73	272617.33	118444.29
57	481	-1101.47	206.80	157.06	28803.47	102955.52	57127.71
	482	1101.47	-206.80	-157.06	-28803.47	-100865.90	72868.87
58	480	-1362.92	237.90	870.73	222543.90	-268057.09	70382.39
	481	1362.92	-237.90	-870.73	-222543.90	-211952.06	61808.85
59	479	-1627.81	158.74	-535.27	-90510.01	179266.90	47902.27
	480	1627.81	-158.74	535.27	90510.01	167707.16	53878.07
60	478	-2067.19	318.22	693.80	102537.31	-196822.57	93911.71
	479	2067.19	-318.22	-693.80	-102537.31	-192296.84	84348.74
61	363	4810.28	-128.92	-345.72	-10521.94	56348.63	-22390.31
	480	-4810.28	128.92	345.72	10521.94	129968.44	-47721.23
62	186	9409.81	717.02	131.42	3885.07	-13709.64	160906.32
	363	-9409.81	-717.02	-131.42	-3885.07	-28755.43	67005.35
63	473	2604.66	788.34	-66.19	-2256.98	21704.84	279293.98
	484	-2604.66	-788.34	66.19	2256.98	14733.11	111669.94
64	255	15565.74	-41.25	314.11	8466.48	-58546.61	28592.37
	483	-15565.74	41.25	-314.11	-8466.48	-104919.88	-22223.24
65	492	613.13	485.66	210.29	-3906.17	-30473.30	47892.77
	489	-613.13	-485.66	-210.29	3906.17	-32874.12	97839.09
66	494	263.77	-103.72	-500.65	-11374.56	132827.20	-31347.99
	492	-263.77	103.72	500.65	11374.56	140044.06	-25238.42
67	492	2690.53	-544.04	270.49	-3577.48	-43045.75	-73571.86
	495	-2690.53	544.04	-270.49	3577.48	-65327.62	-142714.63
68	491	281.09	-67.73	176.94	22570.49	-64877.71	-28526.07
	492	-281.09	67.73	-176.94	-22570.49	-77167.43	-25831.96
69	490	-388.36	-1252.93	-379.21	-3438.81	55983.51	-196596.74
	491	388.36	1252.93	379.21	3438.81	56854.38	-176200.18
70	489	-498.29	38.26	184.46	16336.76	-80434.06	14179.77
	490	498.29	-38.26	-184.46	-16336.76	-67178.24	16443.29
71	488	-488.36	83.23	-406.29	-5565.75	101062.52	24642.76
	489	488.36	-83.23	406.29	5565.75	120398.95	20745.75
72	494	326.89	1171.93	526.04	-3849.72	-69084.78	162900.21
	488	-326.89	-1171.93	-526.04	3849.72	-89029.50	188681.57
73	493	-266.62	837.96	335.32	-5013.82	-75389.22	184823.20
	494	266.62	-837.96	-335.32	5013.82	-58108.01	148275.26
74	493	-85.15	-84.84	-294.97	7670.47	80237.53	-24563.28
	495	85.15	84.84	294.97	-7670.47	81266.09	-21926.48
75	473	-1255.68	216.60	-1271.87	-13987.23	-13783.98	19388.24
	490	1255.68	-216.60	1271.87	13987.23	212390.79	16575.65
76	382	333.14	-375.94	-3472.09	12679.09	-127267.40	8968.48

	473	-333.14	375.94	3472.09	-12679.09	247788.96	-21242.48
77	293	384.94	-1022.65	-3143.01	9109.12	-28698.28	27650.83
	382	-384.94	1022.65	3143.01	-9109.12	99630.19	-9435.43
78	200	585.37	-2273.55	-3342.31	8221.36	162910.72	120725.34
	293	-585.37	2273.55	3342.31	-8221.36	50193.02	-41216.10
79	255	-467.65	402.26	-1211.59	17397.13	118271.12	32543.67
	489	467.65	-402.26	1211.59	-17397.13	81673.71	34045.16
80	245	-2429.34	-463.08	624.10	15281.47	-78077.82	12608.23
	255	2429.34	463.08	-624.10	-15281.47	59518.26	-28604.99
81	235	-1986.65	-899.67	729.45	15409.63	-141386.05	16899.71
	245	1986.65	899.67	-729.45	-15409.63	116424.20	-14776.07
82	197	-2357.83	2273.80	1660.40	15615.01	-239795.19	116178.69
	235	2357.83	-2273.80	-1660.40	-15615.01	181795.45	-36625.95
83	443	-1191.50	332.34	209.67	13175.79	-214081.05	31011.42
	488	1191.50	-332.34	-209.67	-13175.79	191695.55	23859.59
84	433	-766.90	-390.64	-1202.89	29621.75	-137832.02	8408.96
	443	766.90	390.64	1202.89	-29621.75	179235.47	-21757.24
85	423	-685.04	-809.52	-624.17	36314.75	-115127.91	15892.80
	433	685.04	809.52	624.17	-36314.75	133930.61	-12629.42
86	193	-875.47	2101.01	395.78	38660.81	-118459.10	110302.04
	423	875.47	-2101.01	-395.78	-38660.81	113256.76	-36802.91
87	201	1208.68	144.67	599.97	-10521.99	-71263.68	-15302.80
	491	-1208.68	-144.67	-599.97	10521.99	198668.85	27259.60
88	196	-97.21	329.40	-256.19	7405.57	-31104.57	-40656.36
	492	97.21	-329.40	256.19	-7405.57	89022.43	48298.17
89	192	339.79	-243.15	-1178.23	10938.62	-40154.50	-31917.32
	494	-339.79	243.15	1178.23	-10938.62	322415.50	-33776.83
90	487	819.54	-546.52	190.16	6076.31	-164992.54	-41590.28
	493	-819.54	546.52	-190.16	-6076.31	181386.85	-25597.88
91	185	1006.93	-866.99	-1188.40	35803.23	-55301.90	-54068.16
	487	-1006.93	866.99	1188.40	-35803.23	204368.80	-76748.60
92	486	-1016.89	-174.66	-45.73	-18868.57	22751.38	-44611.18
	487	1016.89	174.66	45.73	18868.57	-18640.39	-64020.21
93	485	-452.31	-169.37	211.39	88556.88	-60837.20	-53161.75
	486	452.31	169.37	-211.39	-88556.88	-55461.38	-40034.79
94	186	-3979.26	-301.78	-138.56	-2757.32	20699.82	-102982.95
	485	3979.26	301.78	138.56	2757.32	38809.30	-26200.26
95	183	1563.72	-417.51	2788.75	-24123.66	-357054.84	-32449.19
	485	-1563.72	417.51	-2788.75	24123.66	-62792.77	-44282.35
96	184	-33.45	-983.58	-1001.81	-36179.28	50617.15	-64993.86
	486	33.45	983.58	1001.81	36179.28	104718.50	-84221.78
97	179	-1322.76	892.81	1517.69	24866.30	-303907.40	116905.12
	478	1322.76	-892.81	-1517.69	-24866.30	-107969.48	124416.92
98	182	-208.55	885.85	1746.30	-16745.29	-291532.31	113042.42
	479	208.55	-885.85	-1746.30	16745.29	192499.81	126618.65
99	188	-1429.93	808.99	2054.48	-62471.13	-362343.66	103515.17
	480	1429.93	-808.99	-2054.48	62471.13	-198687.04	115359.23
100	191	-92.77	825.40	-3183.57	-117001.77	-636267.02	105767.73
	481	92.77	-825.40	3183.57	117001.77	230267.73	117730.76
101	194	-426.38	882.20	-3011.30	116173.17	595852.26	112671.79
	482	426.38	-882.20	3011.30	-116173.17	234799.81	125854.67

102	198	-4740.35	1144.50	12098.11	126654.94	-3102380.21	131489.54
	483	4740.35	-1144.50	-12098.11	-126654.94	-228621.18	179323.53
103	199	-1495.77	494.71	629.14	-13905.01	-276564.75	56655.25
	484	1495.77	-494.71	-629.14	13905.01	114044.77	78662.78
179	472	340.45	5.93	-109.57	-1601.27	787.25	58.55
	473	-340.45	-5.93	109.57	1601.27	6532.51	262.31
180	467	332.31	-0.54	-17.99	-777.64	485.92	-37.53
	472	-332.31	0.54	17.99	777.64	-518.38	-10.60
181	466	306.26	-0.15	6.19	-551.01	1013.99	-29.22
	467	-306.26	0.15	-6.19	551.01	-698.38	21.16
182	471	-4.48e-011	-39.14	-1.46e-011	-993.32	-9.59e-010	-545.39
	200	4.48e-011	39.14	1.46e-011	993.32	-5.20e-010	-1542.50
183	470	1.83e-011	2.68	-1.62e-011	-578.40	-4.66e-010	-96.99
	471	-1.83e-011	-2.68	1.62e-011	578.40	-4.66e-010	46.13
184	229	-1.85e-011	3.20	-2.91e-011	-512.29	-4.66e-010	32.00
	470	1.85e-011	-3.20	2.91e-011	512.29	-4.66e-010	139.16
185	469	-1.85e-011	1.94	-5.86e-011	-349.95	-2.27e-013	40.72
	229	1.85e-011	-1.94	5.86e-011	349.95	2.21e-013	62.56
186	468	3.05e-011	2.23	-1.46e-011	-148.97	-5.24e-010	39.60
	469	-3.05e-011	-2.23	1.46e-011	148.97	-2.33e-010	79.45
187	228	-2.38e-011	2.13	-1.48e-011	97.87	-9.59e-010	45.22
	468	2.38e-011	-2.13	1.48e-011	-97.87	-1.04e-009	68.56
188	465	262.43	-0.19	-2.41	-351.12	1215.22	-16.02
	466	-262.43	0.19	2.41	351.12	-1089.45	-25.65
189	464	214.31	-1.50e-002	-0.82	-145.54	1276.20	-17.64
	465	-214.31	1.50e-002	0.82	145.54	-1234.98	17.75
190	459	-166.87	-4.18e-002	-0.29	99.47	1283.58	-12.03
	464	166.87	4.18e-002	0.29	-99.47	-1280.22	-13.90
191	458	-120.59	-3.37e-002	-0.42	307.24	1268.71	8.92
	459	120.59	3.37e-002	0.42	-307.24	-1283.31	-10.44
192	457	-77.28	-3.59e-002	-0.60	521.95	1240.82	5.28
	458	77.28	3.59e-002	0.60	-521.95	-1267.07	-7.02
193	456	-46.23	-3.39e-002	-0.84	733.04	1197.57	2.99
	457	46.23	3.39e-002	0.84	-733.04	-1237.96	-4.38
194	463	2.21e-011	2.17	-1.14e-013	306.63	-4.66e-010	48.53
	228	-2.21e-011	-2.17	1.14e-013	-306.63	-4.66e-010	67.15
195	462	1.60e-011	2.15	-2.99e-011	522.48	-2.87e-013	52.34
	463	-1.60e-011	-2.15	2.99e-011	-522.48	5.17e-010	62.52
196	227	-3.22e-011	2.16	-1.46e-011	734.55	1.04e-011	56.90
	462	3.22e-011	-2.16	1.46e-011	-734.55	-4.66e-010	58.74
197	461	-3.76e-011	2.13	-2.91e-011	938.74	-4.66e-010	58.57
	227	3.76e-011	-2.13	2.91e-011	-938.74	-2.33e-010	55.43
198	460	4.53e-011	2.22	-4.68e-013	1126.17	-7.30e-012	68.66
	461	-4.53e-011	-2.22	4.68e-013	-1126.17	-7.54e-013	49.73
199	226	-1.74e-011	1.96	-7.44e-012	1270.45	1.03e-011	54.61
	460	1.74e-011	-1.96	7.44e-012	-1270.45	1.03e-011	50.56
200	453	-55.14	-4.06e-002	-1.33	937.10	1123.84	4.10
	456	55.14	4.06e-002	1.33	-937.10	-1191.41	-4.45
201	452	-93.23	1.77e-002	2.44	1130.57	979.16	8.38
	453	93.23	-1.77e-002	-2.44	-1130.57	-1106.63	-8.18
202	451	-138.12	-0.16	5.07	1310.80	662.54	12.98

	452	138.12	0.16	-5.07	-1310.80	-927.76	-7.55
203	450	-181.95	0.17	12.45	1483.48	178.68	12.77
	451	181.95	-0.17	-12.45	-1483.48	-528.55	-19.79
204	449	-231.01	-0.76	42.95	1636.84	-2618.86	-7.64
	450	231.01	0.76	-42.95	-1636.84	338.40	34.54
205	255	-313.40	10.66	169.74	1310.46	-10474.30	399.27
	449	313.40	-10.66	-169.74	-1310.46	1494.74	209.30
206	455	-1.74e-011	2.95	-1.46e-011	1290.98	-2.33e-010	119.03
	226	1.74e-011	-2.95	1.46e-011	-1290.98	7.29e-012	38.61
207	454	-1.64e-011	2.02	1.62e-011	966.08	-7.37e-012	27.03
	455	1.64e-011	-2.02	-1.62e-011	-966.08	2.33e-010	-86.01
208	197	-2.24e-011	-41.84	-7.45e-012	-605.36	1.04e-011	-1555.68
	454	2.24e-011	41.84	7.45e-012	605.36	-2.33e-010	-682.29
209	254	-316.98	-13.60	-169.49	-1120.50	-1363.08	-249.83
	255	316.98	13.60	169.49	1120.50	10556.84	-504.80
210	253	-210.67	0.74	-42.48	-1461.38	-357.28	-27.18
	254	210.67	-0.74	42.48	1461.38	2656.98	13.39
211	252	-165.44	0.20	-11.71	-1322.90	460.16	21.10
	253	165.44	-0.20	11.71	1322.90	221.20	-10.18
212	251	-112.95	0.11	-4.33	-1168.00	806.98	5.68
	252	112.95	-0.11	4.33	1168.00	-577.31	-9.91
213	250	-56.13	3.92e-002	-1.76	-1009.16	937.39	6.35
	251	56.13	-3.92e-002	1.76	1009.16	-847.02	-5.31
214	249	-25.01	5.85e-002	-0.77	-840.17	972.35	3.15
	250	25.01	-5.85e-002	0.77	840.17	-938.58	3.22
215	248	72.65	0.13	-0.77	-655.67	971.18	-8.20
	249	-72.65	-0.13	0.77	655.67	-939.49	2.86
216	247	128.50	0.22	-2.06	-428.54	964.39	5.16
	248	-128.50	-0.22	2.06	428.54	-872.76	16.00
217	246	184.60	0.68	2.83	-142.08	706.54	-10.45
	247	-184.60	-0.68	-2.83	142.08	-814.78	31.22
218	443	227.62	6.63	77.93	770.70	-2763.21	277.13
	246	-227.62	-6.63	-77.93	-770.70	-1517.86	102.36
219	448	-1.57e-011	32.43	-1.45e-011	773.07	2.33e-010	464.05
	197	1.57e-011	-32.43	1.45e-011	-773.07	2.33e-010	1314.48
220	225	-1.57e-011	-2.19	-7.44e-012	-821.63	4.66e-010	-84.50
	448	1.57e-011	2.19	7.44e-012	821.63	2.33e-010	-35.81
221	447	-1.57e-011	-3.29	-7.28e-012	-1143.78	-7.26e-012	-52.62
	225	1.57e-011	3.29	7.28e-012	1143.78	2.33e-010	-126.94
222	224	4.38e-011	-2.32	2.29e-011	-1132.72	-2.33e-010	-62.82
	447	-4.38e-011	2.32	-2.29e-011	1132.72	1.19e-010	-63.76
223	446	-1.64e-011	-2.49	7.28e-012	-1008.95	-1.16e-010	-59.95
	224	1.64e-011	2.49	-7.28e-012	1008.95	4.78e-010	-75.61
224	223	2.24e-011	-2.49	3.24e-013	-855.64	-4.19e-010	-72.50
	446	-2.24e-011	2.49	-3.24e-013	855.64	7.78e-010	-63.41
225	445	-2.35e-012	-2.26	1.62e-011	-711.01	4.47e-013	-58.29
	223	2.35e-012	2.26	-1.62e-011	711.01	-7.50e-012	-64.77
226	222	4.12e-012	-3.20	5.09e-013	-621.99	4.78e-010	-122.07
	445	-4.12e-012	3.20	-5.09e-013	621.99	2.59e-010	-52.25
227	444	4.12e-012	-2.60	-1.03e-011	-683.63	-1.19e-010	-44.72
	222	-4.12e-012	2.60	1.03e-011	683.63	4.79e-010	-97.69

228	193	4.12e-012	-37.08	-2.35e-013	-998.35	4.78e-010	-1426.65
	444	-4.12e-012	37.08	2.35e-013	998.35	-1.16e-010	-595.33
289	383	-2.17e-011	27.90	-2.27e-013	-430.39	-7.29e-012	489.13
	193	2.17e-011	-27.90	2.27e-013	430.39	-2.33e-010	1213.27
290	221	-2.17e-011	1.84	7.27e-012	-800.25	-1.66e-010	-70.96
	383	2.17e-011	-1.84	-7.27e-012	800.25	-1.21e-010	43.03
291	442	230.66	5.63	-123.07	-1815.43	1293.56	-86.02
	443	-230.66	-5.63	123.07	1815.43	6493.33	263.56
292	441	181.88	-0.43	-21.57	-1242.74	902.20	-25.22
	442	-181.88	0.43	21.57	1242.74	659.45	4.49
293	440	140.76	-0.26	-5.62	-922.62	1226.31	-18.15
	441	-140.76	0.26	5.62	922.62	-980.92	7.11
294	439	104.94	0.17	-2.32	-657.21	1398.75	-6.32
	440	-104.94	-0.17	2.32	657.21	-1307.46	10.78
295	380	-2.15e-011	2.09	-7.28e-012	-815.12	-1.17e-010	-35.74
	221	2.15e-011	-2.09	7.28e-012	815.12	2.33e-010	92.24
296	220	-2.60e-011	1.46	1.46e-011	-639.41	-2.33e-010	-46.13
	380	2.60e-011	-1.46	-1.46e-011	639.41	-3.49e-010	43.82
297	379	-2.60e-011	1.63	7.29e-012	-426.63	-7.58e-012	-45.45
	220	2.60e-011	-1.63	-7.29e-012	426.63	-1.67e-010	54.52
298	219	-2.04e-011	1.63	3.66e-012	-302.57	-3.49e-010	-55.39
	379	2.04e-011	-1.63	-3.66e-012	302.57	-4.66e-010	45.07
299	438	81.05	5.53e-002	-1.20	-428.29	1447.72	-6.06
	439	-81.05	-5.53e-002	1.20	428.29	-1424.96	7.98
300	437	83.67	4.30e-002	-1.25	-301.96	1418.63	-7.43
	438	-83.67	-4.30e-002	1.25	301.96	-1459.81	6.82
301	436	111.07	0.20	2.92	384.95	1281.74	-13.80
	437	-111.07	-0.20	-2.92	-384.95	-1440.25	6.27
302	435	149.12	0.28	8.00	558.36	879.12	-5.12
	436	-149.12	-0.28	-8.00	-558.36	-1334.36	17.26
303	376	-2.04e-011	1.41	1.09e-011	395.79	-1.67e-010	-42.45
	219	2.04e-011	-1.41	-1.09e-011	-395.79	-2.63e-010	44.53
304	218	-3.00e-011	2.16	3.64e-012	596.04	1.29e-010	-97.05
	376	3.00e-011	-2.16	-3.64e-012	-596.04	-1.30e-010	35.56
305	375	-2.18e-011	2.18	1.09e-011	764.02	1.17e-010	-52.65
	218	2.18e-011	-2.18	-1.09e-011	-764.02	1.29e-010	81.00
306	190	-1.96e-011	-30.71	-4.02e-012	797.28	4.13e-012	-1310.11
	375	1.96e-011	30.71	4.02e-012	-797.28	3.71e-012	563.16
307	434	183.96	0.39	22.03	668.06	541.81	-7.48
	435	-183.96	-0.39	-22.03	-668.06	-982.46	29.74
308	413	152.26	-0.99	54.21	538.62	-3562.79	-21.60
	434	-152.26	0.99	-54.21	-538.62	-384.14	40.66
309	412	65.63	1.25	12.44	407.31	727.19	-29.66
	413	-65.63	-1.25	-12.44	-407.31	-1216.49	40.93
310	411	85.53	-0.38	-5.00	622.30	1227.17	-20.30
	412	-85.53	0.38	5.00	-622.30	-1130.98	3.39
311	372	2.93e-011	35.42	-1.91e-012	197.00	1.16e-010	564.20
	190	-2.93e-011	-35.42	1.91e-012	-197.00	-1.16e-010	1383.88
312	217	1.44e-012	1.98	1.11e-011	500.16	2.59e-010	86.58
	372	-1.44e-012	-1.98	-1.11e-011	-500.16	1.20e-010	26.76
313	371	1.44e-012	2.26	-3.64e-012	749.57	-1.63e-010	34.37

	217	-1.44e-012	-2.26	3.64e-012	-749.57	1.77e-010	91.20
314	216	1.51e-011	1.31	9.10e-012	987.28	2.10e-010	41.58
	371	-1.51e-011	-1.31	-9.10e-012	-987.28	5.89e-011	31.08
315	410	66.94	-8.69e-002	-2.32	796.18	1332.40	-5.45
	411	-66.94	8.69e-002	2.32	-796.18	-1250.26	2.57
316	409	40.48	-0.29	-1.05	1000.79	1326.53	-5.28
	410	-40.48	0.29	1.05	-1000.79	-1320.56	-11.52
317	408	-29.74	-0.11	1.40	1216.96	1262.81	3.10
	409	29.74	0.11	-1.40	-1216.96	-1317.99	-4.46
318	407	-50.13	-0.11	2.86	1427.53	1106.56	6.64
	408	50.13	0.11	-2.86	-1427.53	-1251.35	-3.98
319	368	-2.03e-011	1.54	7.54e-012	1216.05	-1.45e-010	39.75
	216	2.03e-011	-1.54	-7.54e-012	-1216.05	8.62e-011	45.44
320	215	-1.93e-011	1.54	-7.32e-012	1430.04	-3.00e-011	48.62
	368	1.93e-011	-1.54	7.32e-012	-1430.04	-1.75e-010	36.03
321	367	2.99e-011	1.34	2.01e-012	1603.68	1.15e-010	36.51
	215	-2.99e-011	-1.34	-2.01e-012	-1603.68	1.87e-010	38.14
322	214	1.00e-011	2.18	1.09e-011	1654.17	1.70e-010	90.21
	367	-1.00e-011	-2.18	-1.09e-011	-1654.17	-1.04e-010	30.48
323	406	-80.60	-0.29	6.53	1618.25	728.59	13.28
	407	80.60	0.29	-6.53	-1618.25	-1070.73	-5.28
324	405	-111.23	-8.56e-002	16.83	1774.02	-410.00	7.37
	406	111.23	8.56e-002	-16.83	-1774.02	-625.38	-10.47
325	404	-136.78	-0.39	53.97	1847.73	-3486.19	-5.06
	405	136.78	0.39	-53.97	-1847.73	551.77	23.53
326	363	-175.37	7.61	194.70	1421.66	-13146.23	273.83
	404	175.37	-7.61	-194.70	-1421.66	2443.50	154.14
327	364	-8.00e-013	1.91	-2.67e-012	1346.17	-4.01e-011	28.97
	214	8.00e-013	-1.91	2.67e-012	-1346.17	7.88e-011	80.00
328	187	-1.38e-012	-35.03	-2.64e-012	-256.04	-4.69e-011	-1342.92
	364	1.38e-012	35.03	2.64e-012	256.04	1.18e-010	-586.24
389	362	-202.10	-4.88	-172.36	-1536.87	-1177.37	-108.53
	363	202.10	4.88	172.36	1536.87	12143.42	-213.20
390	361	-171.98	-0.29	-51.25	-1871.27	253.18	-24.05
	362	171.98	0.29	51.25	1871.27	3049.57	-9.58
391	302	-2.91e-011	24.79	2.69e-013	-471.16	4.50e-011	471.41
	187	2.91e-011	-24.79	-2.69e-013	471.16	6.78e-011	1117.62
392	213	-1.87e-011	-1.84	-2.86e-012	-1553.68	2.65e-011	-67.11
	302	1.87e-011	1.84	2.86e-012	1553.68	5.40e-011	-51.64
393	301	-2.07e-011	-1.80	-2.45e-012	-1703.88	1.17e-010	-33.10
	213	2.07e-011	1.80	2.45e-012	1703.88	-9.66e-011	-83.84
394	212	-2.21e-011	-1.29	2.68e-012	-1536.26	7.29e-011	-41.29
	301	2.21e-011	1.29	-2.68e-012	1536.26	9.14e-011	-41.92
395	360	135.50	-0.28	-15.79	-1759.68	1018.12	18.03
	361	-135.50	0.28	15.79	1759.68	-135.28	-5.35
396	359	95.93	0.19	-5.86	-1537.19	1337.99	-4.64
	360	-95.93	-0.19	5.86	1537.19	-970.09	12.16
397	358	69.67	8.33e-002	-2.57	-1265.51	1466.69	-4.77
	359	-69.67	-8.33e-002	2.57	1265.51	-1309.69	8.12
398	357	74.84	8.25e-002	-1.21	-968.27	1517.12	-5.66
	358	-74.84	-8.25e-002	1.21	968.27	-1451.99	7.55

399	298	-2.39e-011	-1.44	3.69e-012	-1268.88	-8.15e-011	-42.63
	212	2.39e-011	1.44	-3.69e-012	1268.88	-6.00e-011	-50.30
400	211	-2.39e-011	-1.44	-5.23e-012	-968.01	-8.17e-011	-50.90
	298	2.39e-011	1.44	5.23e-012	968.01	2.37e-010	-41.86
401	297	-2.39e-011	-1.28	2.03e-012	-653.35	5.89e-011	-42.73
	211	2.39e-011	1.28	-2.03e-012	653.35	5.86e-011	-40.33
402	210	-2.21e-011	-1.83	1.82e-012	-335.45	-2.12e-010	-85.60
	297	2.21e-011	1.83	-1.82e-012	335.45	-5.86e-011	-32.03
403	356	107.17	0.20	0.50	-660.78	1501.96	-10.99
	357	-107.17	-0.20	-0.50	660.78	-1519.63	9.51
404	355	149.58	0.31	2.97	-361.10	1346.06	-8.79
	356	-149.58	-0.31	-2.97	361.10	-1533.75	18.60
405	354	192.45	0.35	9.61	-106.76	824.87	-10.26
	355	-192.45	-0.35	-9.61	106.76	-1416.01	27.63
406	333	198.86	-1.00e+000	23.46	57.39	-803.79	-38.18
	354	-198.86	1.00e+000	-23.46	-57.39	-838.88	39.33
407	294	-1.09e-011	-2.03	-6.08e-012	-56.75	-6.66e-011	-60.01
	210	1.09e-011	2.03	6.08e-012	56.75	-1.06e-010	-73.01
408	181	-2.54e-011	26.72	-4.09e-012	258.22	2.97e-010	1184.25
	294	2.54e-011	-26.72	4.09e-012	-258.22	2.42e-010	525.57
409	332	178.01	1.15	-20.32	150.54	901.47	-33.98
	333	-178.01	-1.15	20.32	-150.54	-1224.61	47.25
410	331	148.12	-0.40	-10.02	329.26	1443.61	-24.46
	332	-148.12	0.40	10.02	-329.26	-1087.85	5.02
411	292	-1.46e-011	33.29	-4.06e-012	-263.89	-5.71e-011	549.35
	181	1.46e-011	-33.29	4.06e-012	263.89	-1.16e-010	1315.30
412	209	2.03e-011	2.73	-1.02e-011	297.44	-1.32e-010	96.21
	292	-2.03e-011	-2.73	1.02e-011	-297.44	1.76e-010	63.13
413	291	-1.46e-011	2.95	3.54e-012	510.57	1.63e-010	58.07
	209	1.46e-011	-2.95	-3.54e-012	-510.57	2.12e-010	109.24
414	208	9.77e-012	2.29	-8.16e-012	782.69	5.71e-011	67.46
	291	-9.77e-012	-2.29	8.16e-012	-782.69	5.95e-011	61.14
415	330	93.34	-0.18	-4.29	535.91	1639.51	-11.17
	331	-93.34	0.18	4.29	-535.91	-1453.80	1.57
416	329	39.56	-0.28	-1.67	792.11	1688.73	-5.00
	330	-39.56	0.28	1.67	-792.11	-1629.83	-11.18
417	328	-48.26	-0.15	0.98	1072.89	1659.93	2.26
	329	48.26	0.15	-0.98	-1072.89	-1682.16	-7.44
418	327	-106.32	-0.14	2.41	1357.17	1525.32	7.94
	328	106.32	0.14	-2.41	-1357.17	-1650.34	-11.27
419	288	9.77e-012	2.45	3.46e-013	1072.26	1.18e-010	69.27
	208	-9.77e-012	-2.45	-3.46e-013	-1072.26	-1.18e-010	68.37
420	207	-1.46e-011	2.45	-2.35e-013	1358.54	1.18e-010	78.67
	288	1.46e-011	-2.45	2.35e-013	-1358.54	-1.83e-012	58.33
421	287	-1.46e-011	2.33	-4.58e-013	1608.76	2.59e-010	74.35
	207	1.46e-011	-2.33	4.58e-013	-1608.76	1.63e-010	57.28
422	206	9.77e-012	2.98	-3.81e-012	1729.79	-3.28e-010	118.52
	287	-9.77e-012	-2.98	3.81e-012	-1729.79	1.16e-010	49.56
423	326	-168.61	-0.30	6.36	1628.36	1146.40	15.83
	327	168.61	0.30	-6.36	-1628.36	-1491.88	-15.08
424	325	-228.77	-0.15	17.70	1870.66	240.11	16.81

	326	228.77	0.15	-17.70	-1870.66	-1050.29	-22.63
425	324	-279.20	-0.39	60.43	2025.37	-3433.83	10.93
	325	279.20	0.39	-60.43	-2025.37	236.46	-30.25
426	283	-348.86	6.73	215.95	1479.53	-13830.69	248.11
	324	348.86	-6.73	-215.95	-1479.53	1756.49	131.91
427	284	9.77e-012	2.55	1.03e-011	1457.41	-1.15e-010	69.80
	206	-9.77e-012	-2.55	-1.03e-011	-1457.41	1.15e-010	86.92
428	176	-1.46e-011	-34.61	8.12e-012	-175.45	7.49e-012	-1366.13
	284	1.46e-011	34.61	-8.12e-012	175.45	1.13e-010	-577.18
444	282	-341.28	-2.10	-82.53	-630.49	158.33	-58.24
	283	341.28	2.10	82.53	630.49	4372.20	-73.18
445	281	-476.80	-0.67	-16.90	-538.49	207.29	31.28
	282	476.80	0.67	16.90	538.49	741.88	-48.76
446	280	-607.58	-0.66	-7.60	-221.13	589.02	34.03
	281	607.58	0.66	7.60	221.13	-194.68	-63.42
447	279	-777.62	0.14	-1.57	256.62	575.79	55.97
	280	777.62	-0.14	1.57	-256.62	-551.39	-50.52
448	278	-1338.37	21.04	87.90	906.37	-2495.53	879.48
	279	1338.37	-21.04	-87.90	-906.37	-2263.92	257.55
449	205	-3.65e-011	36.79	1.04e-011	952.36	-1.13e-010	607.15
	176	3.65e-011	-36.79	-1.04e-011	-952.36	1.16e-010	1396.57
450	204	-1.63e-011	5.31	1.33e-011	-103.30	2.19e-011	201.56
	205	1.63e-011	-5.31	-1.33e-011	103.30	1.19e-010	85.63
451	203	1.77e-011	5.46	3.45e-012	-397.17	-1.47e-011	167.21
	204	-1.77e-011	-5.46	-3.45e-012	397.17	8.15e-012	136.02
452	202	-3.58e-011	3.16	-2.61e-011	-741.68	2.92e-011	132.91
	203	3.58e-011	-3.16	2.61e-011	741.68	1.22e-010	-85.82
453	175	1.66e-011	-26.13	7.28e-012	-1799.11	2.58e-010	-930.51
	202	-1.66e-011	26.13	-7.28e-012	1799.11	3.23e-010	-485.42
454	101	5986.87	822.49	-4983.16	25921.50	889742.38	145035.56
	201	-5986.87	-822.49	4983.16	-25921.50	904407.39	151278.71
455	100	-2041.58	-809.09	-6040.22	25921.50	1099980.40	-138236.57
	200	2041.58	809.09	6040.22	-25921.50	1074671.11	-153072.23
456	99	-3346.04	-1478.48	-4610.74	25921.50	787531.96	-265165.53
	199	3346.04	1478.48	4610.74	-25921.50	872666.42	-267159.89
457	98	-5869.22	-3138.35	-14260.03	82948.80	1720560.89	-560824.91
	198	5869.22	3138.35	14260.03	-82948.80	3462729.48	-569119.16
458	97	-4244.55	-989.53	-5353.15	25921.50	930600.09	-177124.21
	197	4244.55	989.53	5353.15	-25921.50	996780.82	-179125.58
459	96	3855.29	1029.50	-5137.89	25921.50	860014.71	182396.59
	196	-3855.29	-1029.50	5137.89	-25921.50	990014.39	188321.04
460	95	6691.48	1469.81	-4302.33	25921.50	686836.24	261579.37
	195	-6691.48	-1469.81	4302.33	-25921.50	862568.79	267773.43
461	85	1443.99	1672.03	-545.29	25921.50	-89768.02	298321.50
	185	-1443.99	-1672.03	545.29	-25921.50	183958.94	303624.50
462	92	426.53	1012.92	-605.46	25921.50	-108917.09	178714.56
	192	-426.53	-1012.92	605.46	-25921.50	192804.97	185998.93
463	93	-1346.28	-978.07	436.72	25921.50	-105810.43	173219.49
	193	1346.28	978.07	-436.72	-25921.50	139661.78	-178929.44
464	94	-1186.80	-1959.14	1488.55	25921.50	-170708.46	-350039.91
	194	1186.80	1959.14	-1488.55	-25921.50	411670.35	-355268.05

465	91	295.90	-1846.21	1728.07	25921.50	-260387.60	-334317.97
	191	-295.90	1846.21	-1728.07	-25921.50	435932.98	-330346.97
466	90	-205.86	-1014.84	932.24	25921.50	-285561.41	-182842.80
	190	205.86	1014.84	-932.24	-25921.50	-71712.74	-182505.71
467	89	-54.81	1062.04	648.15	25921.50	-254979.26	188167.64
	189	54.81	-1062.04	-648.15	-25921.50	95405.14	194305.81
468	84	-267.43	1697.53	493.66	25921.50	-201144.58	308316.56
	184	267.43	-1697.53	-493.66	-25921.50	69062.84	302904.65
469	83	2739.40	-1214.48	-2433.07	25921.50	382275.60	-201173.17
	183	-2739.40	1214.48	2433.07	-25921.50	495906.74	-236242.83
470	86	2470.55	990.57	-2660.34	25921.50	404092.95	-171894.01
	186	-2470.55	-990.57	2660.34	-25921.50	555350.81	184775.17
471	87	-2776.40	940.75	-2904.67	25921.50	441946.15	164528.27
	187	2776.40	-940.75	2904.67	-25921.50	605259.79	174311.32
472	88	-2211.61	1639.69	-2121.00	25921.50	349497.84	281081.48
	188	2211.61	-1639.69	2121.00	-25921.50	416655.43	309447.90
473	80	230.99	-1036.57	-589.36	25921.50	-61694.43	-180563.57
	180	-230.99	1036.57	589.36	-25921.50	182639.90	-192666.72
474	81	-618.82	943.44	336.07	25921.50	-78590.03	164877.89
	181	618.82	-943.44	-336.07	-25921.50	-58997.86	174891.19
475	82	-458.54	1666.11	-492.41	25921.50	-71348.25	287688.09
	182	458.54	-1666.11	492.41	-25921.50	156190.80	312267.26
476	73	3591.44	997.04	-3985.21	25921.50	677424.95	174752.62
	173	-3591.44	-997.04	3985.21	-25921.50	757256.38	184230.55
477	76	-2791.08	997.12	-3585.92	25921.50	615023.99	178871.09
	176	2791.08	-997.12	3585.92	-25921.50	675917.18	180140.21
478	72	-950.89	1052.88	-3562.27	25921.50	616299.21	186793.56
	172	950.89	-1052.88	3562.27	-25921.50	666147.18	192259.02
479	79	-2206.51	1773.86	-2152.55	25921.50	338803.13	311062.54
	179	2206.51	-1773.86	2152.55	-25921.50	436270.76	-327597.73
480	75	-1713.92	-1102.77	-1638.08	25921.50	185553.73	-196212.59
	175	1713.92	1102.77	1638.08	-25921.50	405717.85	-200797.15
481	78	-1089.58	1873.91	-914.01	25921.50	67914.98	332781.80
	178	1089.58	-1873.91	914.01	-25921.50	270378.86	-341851.69
482	70	2116.44	-230.60	-4175.97	25921.50	698008.46	-36858.23
	170	-2116.44	230.60	4175.97	-25921.50	805350.38	-72422.57
483	69	1052.73	-218.04	-4330.57	25921.50	786386.54	-35365.69
	169	-1052.73	218.04	4330.57	-25921.50	772624.42	-55110.09
484	66	-1429.64	-1792.97	-4111.49	25921.50	732727.06	-297243.38
	166	1429.64	1792.97	4111.49	-25921.50	747418.13	-348338.19
485	67	2484.94	-1220.16	-3967.82	25921.50	659749.48	-176923.17
	167	-2484.94	1220.16	3967.82	-25921.50	768677.32	-263195.39
486	64	-521.46	-270.48	-4126.77	25921.50	690712.26	-98280.94
	164	521.46	270.48	4126.77	-25921.50	794933.45	-111088.54
487	63	189.60	-269.78	-4236.26	25921.50	771542.96	-63772.23
	163	-189.60	269.78	4236.26	-25921.50	753515.37	-92928.33
488	61	5835.94	-2282.54	-2840.06	25921.50	429214.18	-363844.76
	161	-5835.94	2282.54	2840.06	-25921.50	593303.17	-458816.95
489	60	2104.80	-3399.21	-3052.84	25921.50	511883.15	-596509.49
	160	-2104.80	3399.21	3052.84	-25921.50	587205.67	-627288.44
490	59	1851.78	-2091.21	-2959.28	25921.50	462021.18	-313822.41

	159	-1851.78	2091.21	2959.28	-25921.50	603788.98	-440773.06
491	62	264.91	-229.08	-4351.84	25921.50	750744.62	-103820.13
	162	-264.91	229.08	4351.84	-25921.50	815987.75	-106413.12
492	65	-1808.84	-1088.06	-4207.55	25921.50	718185.54	-146231.63
	165	1808.84	1088.06	4207.55	-25921.50	796626.12	-247157.54
493	68	1196.43	-146.00	-4371.98	25921.50	751325.71	-34764.77
	168	-1196.43	146.00	4371.98	-25921.50	822658.54	58814.24
494	71	-1042.93	-815.42	-4565.58	25921.50	793769.06	-141387.00
	171	1042.93	815.42	4565.58	-25921.50	849878.65	-152732.35
495	74	-1994.93	789.28	-4257.98	25921.50	726385.16	134373.19
	174	1994.93	-789.28	4257.98	-25921.50	806535.20	150422.94
496	77	-2671.06	1406.89	-2572.70	25921.50	376107.29	235446.98
	177	2671.06	-1406.89	2572.70	-25921.50	550673.69	271540.95
497	166	-1.82e-011	-1399.77	2.86e-014	-49585.69	5.20e-010	-166517.19
	167	1.82e-011	1399.77	-2.86e-014	49585.69	1.50e-011	-211432.75
498	165	-1.17e-010	-1062.49	-2.05e-012	7643.11	-7.28e-012	-218153.79
	166	1.17e-010	1062.49	2.05e-012	-7643.11	-2.41e-010	-185622.85
499	163	-1.30e-010	-1775.95	4.60e-013	24364.28	-6.18e-011	-365599.22
	160	1.30e-010	1775.95	-4.60e-013	-24364.28	-7.28e-012	-398060.73
500	166	5.89e-011	-1836.85	-5.02e-013	-39454.23	6.12e-011	-352339.52
	163	-5.89e-011	1836.85	5.02e-013	39454.23	-8.11e-011	-364032.82
501	169	-1.82e-012	-1582.29	2.14e-014	12709.07	-4.07e-011	-340597.46
	166	1.82e-012	1582.29	-2.14e-014	-12709.07	3.50e-011	-339789.74
502	172	1.30e-010	-2790.63	-2.51e-013	-25087.39	-4.02e-011	-432409.77
	169	-1.30e-010	2790.63	2.51e-013	25087.39	-5.48e-011	-404780.77
503	160	-1.87e-011	-1962.29	1.84e-012	-27996.47	-6.53e-010	-240755.66
	161	1.87e-011	1962.29	-1.84e-012	27996.47	5.18e-010	-289071.22
504	159	-1.34e-010	-1289.94	-9.30e-013	7003.68	2.34e-010	-259996.21
	160	1.34e-010	1289.94	9.30e-013	-7003.68	4.82e-010	-230198.36
505	162	-1.63e-010	-2303.24	2.27e-012	17605.45	-1.19e-010	-456366.17
	159	1.63e-010	2303.24	-2.27e-012	-17605.45	-2.55e-011	-534058.71
506	165	2.61e-010	-2185.45	-1.25e-012	-51202.65	2.33e-010	-428258.72
	162	-2.61e-010	2185.45	1.25e-012	51202.65	-1.73e-010	-424066.29
507	168	3.49e-010	-1955.99	-4.61e-013	20262.65	-3.09e-011	-415147.94
	165	-3.49e-010	1955.99	4.61e-013	-20262.65	2.06e-012	-425927.68
508	171	-7.51e-012	-3122.10	5.06e-013	-39781.17	2.45e-010	-463226.30
	168	7.51e-012	3122.10	-5.06e-013	39781.17	1.48e-010	-473405.61
509	174	-1.16e-010	-3288.41	4.91e-013	8535.36	-9.31e-011	-501496.08
	171	1.16e-010	3288.41	-4.91e-013	-8535.36	-1.16e-010	-485029.82
510	177	-1.31e-010	-1742.20	3.13e-013	-9983.44	-1.36e-011	-483335.46
	174	1.31e-010	1742.20	-3.13e-013	9983.44	-6.30e-011	-405190.38
511	164	2.07e-010	-2329.87	3.73e-012	24226.55	-5.83e-011	-392483.06
	161	-2.07e-010	2329.87	-3.73e-012	-24226.55	2.22e-010	-611151.76
512	167	1.17e-010	-2205.55	-1.26e-012	-88424.53	5.17e-010	-448279.46
	164	-1.17e-010	2205.55	1.26e-012	88424.53	2.64e-010	-411927.81
513	170	-5.71e-011	-1658.21	7.77e-013	15693.18	-1.17e-011	-328967.23
	167	5.71e-011	1658.21	-7.77e-013	-15693.18	-1.50e-010	-384083.48
514	173	-1.20e-010	-3740.18	-9.70e-013	-61280.21	1.63e-010	-642988.65
	170	1.20e-010	3740.18	9.70e-013	61280.21	2.69e-010	-479489.43
515	176	1.30e-010	-1169.50	7.29e-013	-7080.09	-6.47e-011	-195872.16
	173	-1.30e-010	1169.50	-7.29e-013	7080.09	-1.15e-010	-155025.44

516	179	-3.05e-011	-935.52	1.70e-013	-4031.74	-2.02e-011	-263467.61
	176	3.05e-011	935.52	-1.70e-013	4031.74	-5.93e-011	-213655.59
517	186	-2.68e-011	-1175.86	-2.63e-013	6854.53	7.28e-011	-220763.10
	183	2.68e-011	1175.86	2.63e-013	-6854.53	3.76e-011	-249615.72
518	187	5.85e-011	-1575.40	1.77e-013	-4790.59	3.10e-011	-223751.78
	186	-5.85e-011	1575.40	-1.77e-013	4790.59	-6.80e-011	-248878.04
519	188	-9.12e-011	-856.46	-5.01e-013	-3956.83	-9.70e-011	-253099.65
	187	9.12e-011	856.46	5.01e-013	3956.83	9.03e-011	-183752.77
520	196	-3.64e-012	-2666.88	-1.13e-013	-10550.70	1.66e-010	-504362.03
	195	3.64e-012	2666.88	1.13e-013	10550.70	-1.03e-010	-555762.45
521	197	3.68e-012	-2196.17	3.01e-013	-3267.00	-3.38e-011	-340630.19
	196	-3.68e-012	2196.17	-3.01e-013	3267.00	-7.64e-011	-318238.57
522	198	1.83e-012	-1630.92	-3.14e-013	-7742.61	-3.37e-011	-447959.92
	197	-1.83e-012	1630.92	3.14e-013	7742.61	-1.09e-011	-351235.97
523	200	-2.33e-010	-4914.11	-1.33e-012	-5127.14	1.19e-010	-703464.25
	201	2.33e-010	4914.11	1.33e-012	5127.14	-1.64e-010	-758548.96
524	199	-2.59e-010	-2428.48	-5.01e-013	-7971.93	-7.71e-011	-580443.78
	200	2.59e-010	2428.48	5.01e-013	7971.93	1.87e-010	-554911.83
525	185	1.36e-011	875.09	-9.11e-013	-124028.42	-2.33e-010	220144.34
	195	-1.36e-011	-875.09	9.11e-013	124028.42	-2.33e-010	259399.21
526	184	9.17e-011	-497.39	5.05e-013	-42349.89	1.18e-010	-154725.04
	185	-9.17e-011	497.39	-5.05e-013	42349.89	-1.84e-010	-149829.45
527	183	-3.60e-011	-741.55	-2.52e-013	119830.74	1.77e-010	-221401.26
	184	3.60e-011	741.55	2.52e-013	-119830.74	-1.45e-010	-186498.04
528	196	-7.40e-012	352.22	5.07e-013	90963.62	-2.59e-010	127262.19
	201	7.40e-012	-352.22	-5.07e-013	-90963.62	-2.59e-010	155594.81
529	192	-7.31e-012	417.43	3.19e-014	-141263.79	-4.66e-010	114947.99
	196	7.31e-012	-417.43	-3.19e-014	141263.79	-2.33e-010	112743.56
530	189	1.33e-011	-328.34	3.22e-013	50030.13	-1.30e-010	95980.13
	192	-1.33e-011	328.34	-3.22e-013	-50030.13	-5.95e-011	-104520.77
531	186	2.30e-011	365.85	4.55e-013	121151.75	-1.77e-010	-102793.78
	189	-2.30e-011	-365.85	-4.55e-013	-121151.75	-1.21e-010	98555.03
532	180	1.75e-011	258.41	-2.06e-013	-76370.12	5.29e-011	79760.35
	186	-1.75e-011	-258.41	2.06e-013	76370.12	7.22e-011	-86078.48
533	173	-9.16e-012	-449.09	-6.45e-013	108190.12	-6.02e-011	-136535.93
	180	9.16e-012	449.09	6.45e-013	-108190.12	1.18e-010	-115956.05
534	172	3.82e-011	972.52	-8.12e-012	-90788.78	6.51e-010	124023.06
	173	-3.82e-011	-972.52	8.12e-012	90788.78	4.66e-010	139111.22
535	171	4.75e-011	-1315.91	-1.80e-012	34801.36	6.60e-013	-278776.35
	172	-4.75e-011	1315.91	1.80e-012	-34801.36	2.28e-010	-230471.46
536	174	-3.40e-011	922.73	1.84e-012	61406.92	-5.21e-010	211388.37
	175	3.40e-011	-922.73	-1.84e-012	-61406.92	-9.31e-010	141924.59
537	198	-3.13e-011	743.98	7.16e-013	-21554.01	-2.59e-010	291955.51
	199	3.13e-011	-743.98	-7.16e-013	21554.01	-2.59e-010	301641.02
538	194	1.09e-011	-1260.96	-1.82e-012	-204493.33	5.45e-012	-313414.48
	198	-1.09e-011	1260.96	1.82e-012	204493.33	-2.59e-010	-380809.72
539	191	1.27e-011	562.49	6.82e-013	60725.25	1.30e-010	185449.95
	194	-1.27e-011	-562.49	-6.82e-013	-60725.25	-5.95e-011	159505.21
540	188	5.85e-011	758.13	3.18e-013	221627.21	1.84e-010	203477.69
	191	-5.85e-011	-758.13	-3.18e-013	-221627.21	1.30e-010	213822.41
541	182	-1.09e-011	580.49	2.05e-013	-100664.93	-1.44e-011	186161.26

188	1.09e-011	-580.49	-2.05e-013	100664.93	-5.74e-011	185370.38	
542	179	-6.48e-011	754.48	-5.14e-013	106410.97	-2.05e-012	208067.81
	182	6.48e-011	-754.48	5.14e-013	-106410.97	5.82e-011	214531.41
543	178	5.11e-011	1507.98	-3.64e-012	-66091.14	-6.60e-010	-195014.57
	179	-5.11e-011	-1507.98	3.64e-012	66091.14	-6.71e-010	212302.77
544	177	1.35e-010	1528.85	-1.80e-012	55944.90	6.59e-010	325928.61
	178	-1.35e-010	-1528.85	1.80e-012	-55944.90	6.60e-010	255804.72
545	66	-1.10e-011	4028.66	-4.55e-013	17966.22	1.18e-010	490500.52
	67	1.10e-011	-4028.66	4.55e-013	-17966.22	6.04e-011	597238.64
546	65	2.75e-012	2458.89	2.20e-013	-20245.77	-2.86e-011	516606.37
	66	-2.75e-012	-2458.89	-2.20e-013	20245.77	1.65e-010	417774.63
547	63	1.30e-010	-5143.46	-4.47e-013	-126184.07	5.20e-010	-936021.87
	60	-1.30e-010	5143.46	4.47e-013	126184.07	5.20e-010	-1275677.12
548	66	-9.01e-012	-4121.73	4.65e-013	157897.87	-1.17e-010	-841384.59
	63	9.01e-012	4121.73	-4.65e-013	-157897.87	1.64e-010	-766092.22
549	69	-5.71e-011	-3568.98	1.11e-013	-36791.44	6.43e-011	-727919.95
	66	5.71e-011	3568.98	-1.11e-013	36791.44	8.35e-011	-806740.03
550	72	-5.71e-011	-7716.12	-5.29e-013	108235.83	-9.32e-011	-1318478.38
	69	5.71e-011	7716.12	5.29e-013	-108235.83	-9.37e-011	-996357.89
551	60	1.28e-010	7556.62	-1.82e-012	40455.83	-1.17e-010	884906.34
	61	-1.28e-010	-7556.62	1.82e-012	-40455.83	5.85e-010	1155381.48
552	59	-1.67e-011	4780.05	-1.02e-012	-51682.56	-2.31e-010	1031360.22
	60	1.67e-011	-4780.05	1.02e-012	51682.56	-1.13e-010	785060.66
553	62	-1.30e-010	-4641.97	-1.38e-012	-44920.80	4.20e-010	-895631.80
	59	1.30e-010	4641.97	1.38e-012	44920.80	4.18e-010	-1100426.08
554	65	-1.06e-011	-4141.89	2.27e-013	99786.24	3.65e-011	-821748.04
	62	1.06e-011	4141.89	-2.27e-013	-99786.24	-5.69e-011	-793587.48
555	68	7.29e-012	-3593.91	-1.21e-013	29550.33	-2.86e-011	-761382.88
	65	-7.29e-012	3593.91	1.21e-013	-29550.33	6.12e-011	-783998.25
556	71	-3.65e-012	-6010.20	-4.90e-013	83326.06	-8.41e-012	-878183.22
	68	3.65e-012	6010.20	4.90e-013	-83326.06	-5.42e-011	-924882.20
557	74	1.29e-010	-6336.70	4.48e-013	18730.55	1.05e-010	-986800.69
	71	-1.29e-010	6336.70	-4.48e-013	-18730.55	1.05e-010	-914221.43
558	77	-5.85e-011	-3781.23	-1.72e-013	17997.62	-3.25e-011	-1069459.71
	74	5.85e-011	3781.23	1.72e-013	-17997.62	-4.04e-011	-858966.55
559	64	-1.11e-013	-3902.08	2.23e-013	-57409.02	-1.30e-010	-748912.79
	61	1.11e-013	3902.08	-2.23e-013	57409.02	1.60e-010	-929024.11
560	67	2.83e-011	-3646.60	4.56e-013	106176.16	-1.32e-010	-722085.27
	64	-2.83e-011	3646.60	-4.56e-013	-106176.16	1.68e-010	-700089.76
561	70	-1.84e-012	-2993.17	-4.12e-013	26233.59	8.68e-011	-632367.99
	67	1.84e-012	2993.17	4.12e-013	-26233.59	3.17e-011	-654694.76
562	73	5.72e-011	-5492.51	-3.25e-013	87858.50	-6.79e-011	-821487.77
	70	-5.72e-011	5492.51	3.25e-013	-87858.50	-6.61e-011	-826316.61
563	76	5.83e-011	-5556.43	-2.59e-013	-13743.04	4.71e-011	-851392.05
	73	-5.83e-011	5556.43	2.59e-013	13743.04	6.29e-011	-815574.27
564	79	3.27e-011	-4105.35	-5.61e-015	2556.36	4.82e-012	-1148255.50
	76	-3.27e-011	4105.35	5.61e-015	-2556.36	2.05e-012	-945476.35
565	86	-3.11e-011	-5862.45	-1.20e-013	26454.16	7.22e-011	-1173733.57
	83	3.11e-011	5862.45	1.20e-013	-26454.16	-1.85e-011	-1171340.74
566	87	-1.09e-011	-706.60	-2.10e-013	1969.54	7.74e-012	-105284.10
	86	1.09e-011	706.60	2.10e-013	-1969.54	-1.98e-011	-106695.50

567	88	-2.66e-011	-4798.32	3.21e-015	3535.83	1.78e-012	-1224052.63
	87	2.66e-011	4798.32	-3.21e-015	-3535.83	8.57e-013	-1223131.23
568	96	7.37e-012	-6714.61	1.90e-013	-14833.57	1.29e-011	-1268536.64
	95	-7.37e-012	6714.61	-1.90e-013	14833.57	-3.10e-011	-1400639.43
569	97	8.44e-012	-6691.11	1.67e-013	-3607.01	-7.08e-012	-963714.92
	96	-8.44e-012	6691.11	-1.67e-013	3607.01	2.24e-011	-1043625.05
570	98	-5.85e-011	-7635.04	1.34e-014	-3671.67	5.13e-012	-2159480.66
	97	5.85e-011	7635.04	-1.34e-014	3671.67	8.25e-012	-1581969.69
571	100	1.46e-011	-9502.55	-1.25e-013	-11346.81	-2.70e-011	-1312722.81
	101	-1.46e-011	9502.55	1.25e-013	11346.81	-5.05e-011	-1514459.12
572	99	1.17e-010	-5301.14	-2.62e-013	-10805.03	3.75e-011	-1347253.71
	100	-1.17e-010	5301.14	2.62e-013	10805.03	1.30e-010	-1131129.09
573	85	-3.56e-011	-1121.37	-2.84e-014	-133082.85	2.41e-010	-276681.93
	95	3.56e-011	1121.37	2.84e-014	133082.85	1.31e-010	-338281.62
574	84	1.11e-011	-596.52	-2.54e-013	-46131.53	-4.06e-012	-173729.24
	85	-1.11e-011	596.52	2.54e-013	46131.53	-9.39e-012	-190676.55
575	83	1.89e-011	-1350.25	-1.62e-013	187640.66	1.45e-010	458764.61
	84	-1.89e-011	1350.25	1.62e-013	-187640.66	1.24e-010	-287212.47
576	96	6.53e-012	-474.02	2.53e-013	-37485.49	-5.83e-011	-173436.31
	101	-6.53e-012	474.02	-2.53e-013	37485.49	-5.85e-011	-207037.63
577	92	-2.08e-011	-739.90	-4.59e-013	-189591.99	1.16e-010	-201144.02
	96	2.08e-011	739.90	4.59e-013	189591.99	1.18e-010	-202460.88
578	89	1.27e-011	-599.20	1.41e-014	-50611.77	-2.93e-011	-178689.06
	92	-1.27e-011	599.20	-1.41e-014	50611.77	6.46e-011	-187044.52
579	86	1.40e-011	-743.81	-6.01e-014	218114.10	-4.19e-011	-216719.24
	89	-1.40e-011	743.81	6.01e-014	-218114.10	4.87e-011	-193834.75
580	80	-1.43e-011	639.10	-1.42e-013	-103310.55	-1.68e-011	200279.03
	86	1.43e-011	-639.10	1.42e-013	103310.55	-3.26e-011	208871.03
581	73	-1.12e-011	-816.48	-4.09e-013	176945.11	-2.93e-011	-231855.87
	80	1.12e-011	816.48	4.09e-013	-176945.11	-1.17e-010	-226256.37
582	72	-2.08e-011	1834.50	-4.07e-012	-58206.15	5.19e-010	230499.66
	73	2.08e-011	-1834.50	4.07e-012	58206.15	-4.67e-010	265674.14
583	71	2.87e-011	-1960.43	5.71e-014	35866.42	-7.28e-012	-418514.62
	72	-2.87e-011	1960.43	-5.71e-014	-35866.42	-7.42e-012	-328628.00
584	97	-7.48e-012	-498.28	-2.55e-013	-20469.40	-5.84e-011	-178256.42
	100	7.48e-012	498.28	2.55e-013	20469.40	8.41e-011	-220424.26
585	93	1.65e-011	-758.24	4.55e-013	-213718.62	1.17e-010	-211762.68
	97	-1.65e-011	758.24	-4.55e-013	213718.62	1.16e-010	-201502.69
586	90	-1.50e-011	569.78	2.56e-013	-47082.82	-3.65e-012	164746.68
	93	1.50e-011	-569.78	-2.56e-013	47082.82	2.95e-011	-183000.79
587	87	-3.23e-011	-789.15	1.15e-013	215364.61	2.96e-011	-238342.83
	90	3.23e-011	789.15	-1.15e-013	-215364.61	-6.27e-011	-196365.61
588	81	-3.35e-012	-732.05	-2.53e-013	-94603.17	-6.24e-011	-233514.65
	87	3.35e-012	732.05	2.53e-013	94603.17	-3.27e-011	-235021.00
589	76	2.53e-012	-810.61	3.39e-013	154681.43	-2.97e-011	-212895.95
	81	-2.53e-012	810.61	-3.39e-013	-154681.43	-3.05e-011	-241109.81
590	75	4.85e-011	-2031.73	1.63e-013	-333145.84	-4.67e-010	-255191.58
	76	-4.85e-011	2031.73	-1.63e-013	333145.84	6.60e-010	-293398.88
591	74	3.45e-011	-1838.45	5.69e-014	214335.94	4.19e-010	-417666.08
	75	-3.45e-011	1838.45	-5.69e-014	-214335.94	-2.62e-010	-281138.93
592	98	-3.04e-011	880.67	-2.54e-013	-70884.69	-3.62e-012	353044.28

	99	3.04e-011	-880.67	2.54e-013	70884.69	-6.45e-011	349589.11
593	94	-2.98e-011	-1579.92	9.35e-013	-57109.82	5.99e-011	-396278.36
	98	2.98e-011	1579.92	-9.35e-013	57109.82	-1.32e-010	-473664.31
594	91	-3.21e-011	596.69	-1.45e-014	-49627.91	3.51e-013	183994.03
	94	3.21e-011	-596.69	1.45e-014	49627.91	-4.31e-012	180402.72
595	88	3.14e-011	-1256.79	1.86e-013	190679.91	6.52e-011	-399698.60
	91	-3.14e-011	1256.79	-1.86e-013	-190679.91	3.08e-011	293519.19
596	82	-2.54e-012	-1351.47	-2.08e-013	-109880.88	-5.15e-011	-426278.52
	88	2.54e-012	1351.47	2.08e-013	109880.88	5.31e-011	-438677.43
597	79	3.08e-011	-1473.89	-2.56e-013	115472.83	1.30e-010	-393712.10
	82	-3.08e-011	1473.89	2.56e-013	-115472.83	-3.02e-011	-431737.07
598	78	1.75e-010	-3508.98	-1.16e-013	-242329.48	-9.09e-013	-436961.26
	79	-1.75e-010	3508.98	1.16e-013	242329.48	1.46e-011	-510505.88
599	77	-2.04e-011	-3295.65	-9.10e-013	109265.05	-1.24e-010	-739693.70
	78	2.04e-011	3295.65	9.10e-013	-109265.05	2.60e-010	-513182.17
648	122	0.00	-93.80	5.08e-013	3920.58	2.21e-011	-3597.04
	47	0.00	93.80	-5.08e-013	-3920.58	1.96e-011	-8303.56
649	121	0.00	-14.33	1.01e-012	2888.86	-6.59e-011	-1364.03
	122	0.00	14.33	-1.01e-012	-2888.86	-6.37e-011	-454.26
650	120	0.00	-14.46	-1.20e-012	2214.39	1.86e-010	-529.37
	121	0.00	14.46	1.20e-012	-2214.39	1.84e-010	-1304.81
651	48	3.11e-011	-94.41	-3.03e-013	-3037.55	2.67e-011	-8891.07
	120	-3.11e-011	94.41	3.03e-013	3037.55	-2.29e-011	-3087.51
652	119	0.00	-254.66	7.35e-012	2286.31	1.49e-010	-4894.98
	46	0.00	254.66	-7.35e-012	-2286.31	1.22e-010	-14204.54
653	118	1.18e-010	-65.32	-8.43e-013	2562.93	-6.87e-011	-3772.43
	119	-1.18e-010	65.32	8.43e-013	-2562.93	-1.21e-010	-1126.73
654	117	-6.09e-011	-67.05	1.93e-012	2463.21	5.80e-011	-1263.90
	118	6.09e-011	67.05	-1.93e-012	-2463.21	5.21e-011	-3765.35
655	47	0.00	-239.80	-1.13e-012	1821.75	-8.67e-011	-13179.94
	117	0.00	239.80	1.13e-012	-1821.75	-9.46e-011	-4805.58
656	116	5.95e-011	-154.16	-1.54e-012	-2431.82	2.66e-011	-3405.92
	41	-5.95e-011	154.16	1.54e-012	2431.82	-3.08e-011	-11913.67
657	115	-7.28e-012	-28.60	3.96e-012	2041.09	-1.21e-010	-2254.27
	116	7.28e-012	28.60	-3.96e-012	-2041.09	5.35e-011	-587.70
658	114	-7.28e-012	-28.29	-1.32e-012	2868.38	1.28e-010	-461.78
	115	7.28e-012	28.29	1.32e-012	-2868.38	1.34e-010	-2350.22
659	46	-5.98e-011	-151.08	8.30e-013	3778.67	-1.24e-010	-10946.29
	114	5.98e-011	151.08	-8.30e-013	-3778.67	-1.19e-010	-4067.50
660	113	-7625.07	-2020.30	2748.47	-32905.92	-7270.59	117545.94
	48	7625.07	2020.30	-2748.47	32905.92	-253837.49	-309331.38
661	112	-3843.13	-1074.01	132.86	-79041.74	-24261.75	-36632.42
	113	3843.13	1074.01	-132.86	79041.74	11647.70	-67217.89
662	111	-4059.10	-1271.57	15.74	-69020.19	9315.10	-195696.82
	112	4059.10	1271.57	-15.74	69020.19	-10746.29	75161.88
663	5	-6715.48	-3058.86	-770.54	-11515.49	40494.09	-551141.51
	111	6715.48	3058.86	770.54	11515.49	32709.93	260574.39
664	110	1118.28	-975.63	3310.59	-73569.08	-10852.62	24894.47
	47	-1118.28	975.63	-3310.59	73569.08	-303670.46	-117139.85
665	109	-229.90	-360.37	-123.88	-72562.02	-14802.40	-31957.41
	110	229.90	360.37	123.88	72562.02	26479.31	-7855.39

666	108	-799.92	-546.91	-33.16	-68887.43	7127.76	-107072.96
	109	799.92	546.91	33.16	68887.43	-4198.39	55436.45
667	4	-1666.90	-2233.20	-1102.97	-55806.02	64654.83	-345841.81
	108	1666.90	2233.20	1102.97	55806.02	40127.47	133910.88
668	107	-780.68	812.04	3886.89	-76805.01	-25913.68	-21835.52
	46	780.68	-812.04	-3886.89	76805.01	-343345.52	96717.87
669	106	134.70	284.97	-162.46	-74972.07	-10534.96	27110.76
	107	-134.70	-284.97	162.46	74972.07	25908.79	17297.84
670	105	595.49	379.70	-52.97	-66616.83	9042.42	74907.99
	106	-595.49	-379.70	52.97	66616.83	-4123.20	-40621.36
671	3	1457.78	1609.90	-1034.87	-52385.41	60218.28	238232.98
	105	-1457.78	-1609.90	1034.87	52385.41	38094.60	-86109.24
672	104	6993.73	1686.73	3362.40	-33358.42	-24020.35	-75501.16
	41	-6993.73	-1686.73	-3362.40	33358.42	-295408.25	235355.28
673	103	3741.74	759.17	43.66	-69554.51	-18112.25	22567.99
	104	-3741.74	-759.17	-43.66	69554.51	13969.19	55345.32
674	102	3998.01	877.69	-7.78	-64428.92	10279.90	126261.60
	103	-3998.01	-877.69	7.78	64428.92	-9599.99	-44040.97
675	1	6688.20	2398.80	-654.04	-16086.83	34627.45	379426.66
	102	-6688.20	-2398.80	654.04	16086.83	27506.70	-151694.00
676	54	1.92e-012	-102.24	5.89e-014	7796.67	-1.52e-011	-36943.42
	57	-1.92e-012	102.24	-5.89e-014	-7796.67	-2.92e-011	-44849.67
677	50	9.30e-012	-976.38	-1.15e-013	-113125.23	-2.27e-011	-215578.50
	54	-9.30e-012	976.38	1.15e-013	113125.23	-4.28e-012	-316633.65
678	47	4.69e-012	-1043.61	-1.15e-013	157557.56	5.13e-012	-391432.04
	50	-4.69e-012	1043.61	1.15e-013	-157557.56	-2.96e-011	-245362.34
679	53	1.64e-012	276.50	-3.05e-014	13448.99	-8.75e-012	102252.13
	58	-1.64e-012	-276.50	3.05e-014	-13448.99	-7.91e-012	119761.85
680	49	-4.19e-012	677.61	1.43e-013	-106667.10	-1.15e-011	-160582.76
	53	4.19e-012	-677.61	-1.43e-013	106667.10	-2.95e-011	209092.34
681	46	-1.48e-011	770.80	-1.17e-013	154740.83	-2.96e-011	280791.49
	49	1.48e-011	-770.80	1.17e-013	-154740.83	-2.93e-011	190851.13
682	42	-4.57e-012	910.91	8.28e-014	-57511.50	1.22e-011	205645.76
	52	4.57e-012	-910.91	-8.28e-014	57511.50	-3.66e-011	293146.06
683	41	4.76e-012	1030.66	-8.95e-016	131398.24	-5.18e-012	398284.96
	42	-4.76e-012	-1030.66	8.95e-016	-131398.24	3.03e-011	232607.28
684	53	-1.52e-011	-6019.82	4.83e-014	19673.02	-5.90e-011	-1134430.58
	52	1.52e-011	6019.82	-4.83e-014	-19673.02	-6.25e-011	-1258520.55
685	54	5.83e-011	-8419.19	-3.70e-014	26199.31	-9.25e-011	-1247364.30
	53	-5.83e-011	8419.19	3.70e-014	-26199.31	-3.39e-011	-1278397.40
686	55	2.99e-011	-6321.02	-2.09e-014	14644.73	2.95e-011	-1803768.85
	54	-2.99e-011	6321.02	2.09e-014	-14644.73	6.00e-011	-1293725.99
687	57	-6.06e-011	-11537.58	6.02e-013	45736.84	-8.43e-012	-1665947.15
	58	6.06e-011	11537.58	-6.02e-013	-45736.84	-2.08e-011	-1766616.72
688	56	6.10e-011	-6293.97	-3.58e-013	26112.34	3.10e-011	-1551562.44
	57	-6.10e-011	6293.97	3.58e-013	-26112.34	-3.09e-011	-1390973.78
689	55	1.37e-012	-674.59	1.48e-014	-18707.36	1.56e-011	-245867.10
	56	-1.37e-012	674.59	-1.48e-014	18707.36	8.08e-012	-292398.58
690	51	-2.14e-012	-1593.62	1.92e-013	49310.54	-1.15e-010	-370116.55
	55	2.14e-012	1593.62	-1.92e-013	-49310.54	-9.04e-011	-506937.78
691	48	-3.64e-012	-1728.16	0.00	144459.81	0.00	-670709.10

51	3.64e-012	1728.16	0.00	-144459.81	0.00	-384028.19	
692	34	-6558.65	-3293.27	-4459.53	-37516.37	940989.17	-611400.32
	77	6558.65	3293.27	4459.53	37516.37	620684.70	-541298.08
693	31	-5017.29	-1845.55	-5750.99	-37516.37	1089462.35	-343141.05
	74	5017.29	1845.55	5750.99	37516.37	923499.14	-302862.88
694	28	-2693.62	-1443.09	-6011.31	-37516.37	1119370.36	-270258.37
	71	2693.62	1443.09	6011.31	37516.37	984634.29	-234913.94
695	25	3597.52	977.68	-5840.62	-37516.37	1099788.90	239163.77
	68	-3597.52	-977.68	5840.62	37516.37	944475.30	104858.24
696	22	-4599.12	2175.83	-5723.06	-37516.37	1086295.35	459290.43
	65	4599.12	-2175.83	5723.06	37516.37	916837.54	302519.29
697	19	-726.34	2269.49	-5855.64	-37516.37	1101514.09	559513.21
	62	726.34	-2269.49	5855.64	37516.37	948004.16	236660.71
698	16	5583.01	4676.13	-4794.86	-37516.37	979653.70	939936.55
	59	-5583.01	-4676.13	4794.86	37516.37	698923.68	696973.69
699	35	-1542.24	-3673.29	-2811.80	-37516.37	699123.69	-655029.86
	78	1542.24	3673.29	2811.80	37516.37	286080.05	-630627.48
700	32	-1982.79	-2071.89	-3165.13	-37516.37	739726.09	-369145.59
	75	1982.79	2071.89	3165.13	37516.37	368687.76	-356020.29
701	29	-7751.49	1609.88	-4922.85	-37516.37	941547.61	289417.65
	72	7751.49	-1609.88	4922.85	37516.37	781481.02	274088.77
702	26	5195.72	1125.40	-5600.17	-37516.37	1019266.37	256222.60
	69	-5195.72	-1125.40	5600.17	37516.37	940797.25	138731.43
703	23	-3302.01	2780.40	-5362.31	-37516.37	991977.57	528742.84
	66	3302.01	-2780.40	5362.31	37516.37	884839.55	444444.53
704	20	-1045.49	2625.79	-5568.54	-37516.37	1015637.61	600580.40
	63	1045.49	-2625.79	5568.54	37516.37	933356.66	319259.98
705	17	6128.65	5806.43	-4544.96	-37516.37	898176.45	1069725.53
	60	-6128.65	-5806.43	4544.96	37516.37	692628.28	962559.47
706	36	-6562.84	-3585.40	-3701.38	-37516.37	775216.27	-644943.00
	79	6562.84	3585.40	3701.38	37516.37	520309.92	-609957.77
707	33	-4015.18	-2026.21	-4615.42	-37516.37	880089.77	-363902.91
	76	4015.18	2026.21	4615.42	37516.37	735315.31	-345277.66
708	30	3766.31	1560.93	-4747.55	-37516.37	895236.52	283764.77
	73	-3766.31	-1560.93	4747.55	37516.37	766430.81	262654.12
709	27	4608.57	994.92	-4728.36	-37516.37	893048.66	240998.77
	70	-4608.57	-994.92	4728.36	37516.37	761882.38	109486.81
710	24	-6062.26	2316.97	-4612.35	-37516.37	879736.55	475503.82
	67	6062.26	-2316.97	4612.35	37516.37	734592.58	335640.96
711	21	-767.03	2315.09	-4716.41	-37516.37	891675.44	564720.76
	64	767.03	-2315.09	4716.41	37516.37	759073.69	247416.62
712	18	15568.76	4924.78	-3775.37	-37516.37	783712.40	968495.55
	61	-15568.76	-4924.78	3775.37	37516.37	537689.96	755367.51
713	39	-662.96	-3490.18	-2480.26	-37516.37	620901.07	-634014.60
	82	662.96	3490.18	2480.26	37516.37	248182.82	-587564.48
714	38	-669.81	-1956.82	-2694.58	-37516.37	645575.00	-355932.50
	81	669.81	1956.82	2694.58	37516.37	298048.64	-328975.09
715	37	436.79	-1558.78	-2508.72	-37516.37	624126.92	-283578.65
	80	-436.79	1558.78	2508.72	37516.37	255048.71	-262014.95
716	45	-6675.20	-3453.84	-4508.74	-37516.37	906575.70	-629849.74
	88	6675.20	3453.84	4508.74	37516.37	671802.19	-579006.16

717	44	1452.32	-1951.00	-4513.97	-37516.37	907158.15	-355272.24
	87	-1452.32	1951.00	4513.97	37516.37	673079.09	-327590.42
718	43	-2983.10	-1537.73	-4435.48	-37516.37	898114.65	-281143.35
	86	2983.10	1537.73	4435.48	37516.37	654729.66	-257107.81
719	40	8645.56	1846.81	-4440.97	-37516.37	898833.79	355310.16
	83	-8645.56	-1846.81	4440.97	37516.37	655770.98	291134.52
720	48	1036.22	908.81	-3520.59	15653.21	833291.50	163827.17
	91	-1036.22	-908.81	3520.59	-15653.21	406522.61	168004.64
721	47	-206.59	863.10	-5145.00	25073.42	1291524.78	123792.12
	90	206.59	-863.10	5145.00	-25073.42	513441.37	-182013.54
722	46	-252.17	-1220.93	-4948.86	25073.42	1263316.04	-209453.32
	89	252.17	1220.93	4948.86	-25073.42	476464.80	-220386.23
723	41	-1137.17	-1332.47	-3366.93	15653.21	811920.56	-244856.17
	84	1137.17	1332.47	3366.93	-15653.21	371213.27	-225026.59
724	51	-2227.65	1281.41	-1534.16	15653.21	382800.47	227036.40
	94	2227.65	-1281.41	1534.16	-15653.21	175102.64	221527.19
725	50	-1501.08	-1353.64	-2326.11	25073.42	579622.86	-244689.68
	93	1501.08	1353.64	2326.11	-25073.42	246531.45	-229118.09
726	49	510.64	-1407.93	-2196.64	25073.42	566486.63	-252707.27
	92	-510.64	1407.93	2196.64	-25073.42	219046.56	-240149.68
727	42	1950.36	-1274.55	-1652.99	15653.21	413789.71	-228494.06
	85	-1950.36	1274.55	1652.99	-15653.21	176983.52	-217611.71
728	55	-12778.52	1609.10	-8191.41	50090.27	2088356.49	281780.50
	98	12778.52	-1609.10	8191.41	-50090.27	968033.72	283924.34
729	54	-3113.11	1024.75	-8457.67	25073.42	1541963.89	163123.53
	97	3113.11	-1024.75	8457.67	-25073.42	1418495.80	-196202.14
730	53	3998.89	-1241.33	-7745.04	25073.42	1448055.95	-216773.96
	96	-3998.89	1241.33	7745.04	-25073.42	1263273.72	-218070.68
731	52	13082.07	-1040.36	-3910.36	15653.21	758811.27	-193929.56
	95	-13082.07	1040.36	3910.36	-15653.21	611272.41	-170494.87
732	56	-7990.13	650.27	-3364.74	15653.21	655017.47	120872.34
	99	7990.13	-650.27	3364.74	-15653.21	525144.49	116344.53
733	57	-5949.39	377.74	-8075.00	25073.42	1452280.71	52309.37
	100	5949.39	-377.74	8075.00	-25073.42	1374444.30	93146.37
734	58	15451.46	-549.34	-4161.28	15653.21	783151.63	-95190.39
	101	-15451.46	549.34	4161.28	-15653.21	674403.68	-97760.06
735	15	26736.69	574.61	-6113.15	-44394.51	1307020.34	128415.44
	58	-26736.69	-574.61	6113.15	44394.51	1016276.99	96915.88
736	14	-10975.74	-794.09	-9664.94	-67664.25	2029150.66	-232671.57
	57	10975.74	794.09	9664.94	67664.25	1643937.44	-75921.91
737	13	-13549.78	-2072.39	-5682.00	-44394.51	1253395.12	-461829.22
	56	13549.78	2072.39	5682.00	44394.51	906090.30	-326952.23
738	9	18336.87	1807.23	-3065.81	-44394.51	706553.61	363048.49
	52	-18336.87	-1807.23	3065.81	44394.51	459285.32	324606.08
739	10	6490.83	1024.72	-5328.90	-67664.25	1154839.30	218349.36
	53	-6490.83	-1024.72	5328.90	67664.25	870793.23	172955.60
740	11	-4605.21	-1360.12	-5463.46	-67664.25	1171523.71	-303786.38
	54	4605.21	1360.12	5463.46	67664.25	905190.42	-213438.49
741	12	-18098.12	-3354.32	-6085.87	-88688.88	2335984.35	-681408.82
	55	18098.12	3354.32	6085.87	88688.88	-461742.30	-593896.19
742	2	1841.99	2057.26	430.92	-44394.51	167218.08	394719.79

	42	-1841.99	-2057.26	-430.92	44394.51	-230800.67	387175.37
743	6	416.69	834.86	679.29	-44394.51	141051.87	164272.31
	49	-416.69	-834.86	-679.29	44394.51	-310845.42	153370.05
744	7	-1456.58	-1228.79	696.02	-44394.51	140499.32	-241732.33
	50	1456.58	1228.79	-696.02	44394.51	-314929.12	-225245.81
745	8	-2126.42	-3140.01	535.82	-44394.51	148127.84	-605888.29
	51	2126.42	3140.01	-535.82	44394.51	-274750.51	-587356.71

Elem	Nodo	Nx	Ny	Nxy	Mx	My	Mxy
104	381	0.28	1.11	-0.26	156.30	-248.87	178.57
	472	0.25	-1.69	-0.56	134.36	83.66	389.95
	473	-0.15	-1.70	-0.25	979.76	-540.30	203.65
	382	-0.16	1.12	0.64	81.75	181.36	30.19
105	378	-3.37e-002	-1.27	-0.14	34.07	29.77	172.71
	467	-5.98e-002	-1.67	2.67e-002	11.70	52.75	195.23
	472	0.24	-1.65	-0.12	52.83	59.77	220.03
	381	0.27	-1.25	-0.23	59.43	-64.53	197.18
106	377	-3.34e-002	-1.01	-0.19	14.56	74.54	132.36
	466	-7.47e-003	-1.53	-8.05e-002	1.82	100.66	134.58
	467	-5.06e-002	-1.53	2.05e-002	3.47	59.95	169.19
	378	-1.81e-002	-1.02	-0.12	20.25	38.50	166.87
107	374	7.30e-003	-0.88	-0.18	13.11	88.95	78.36
	465	-2.08e-002	-1.31	-7.55e-002	0.61	117.40	78.26
	466	-1.43e-002	-1.31	-0.10	-0.71	100.99	115.89
	377	-4.17e-002	-0.88	-0.21	11.95	77.48	115.97
108	373	-5.78e-003	-0.71	-0.20	13.97	93.39	23.20
	464	-1.80e-002	-1.07	-7.61e-002	0.44	121.86	22.99
	465	5.47e-003	-1.07	-6.29e-002	0.62	116.51	59.35
	374	1.85e-002	-0.71	-0.18	12.60	90.22	59.58
109	370	-3.02e-003	0.56	-0.19	14.46	93.95	-46.46
	459	-1.57e-002	0.84	-7.26e-002	0.45	121.91	-46.56
	464	2.97e-003	0.83	-7.82e-002	0.57	121.47	-15.68
	373	1.57e-002	0.56	-0.20	13.93	93.69	-15.68
110	369	-2.45e-003	0.40	-0.19	14.45	92.89	-105.90
	458	-1.29e-002	0.60	-7.41e-002	0.48	120.16	-105.92
	459	2.48e-003	0.60	-7.21e-002	0.51	122.04	-65.65
	370	1.28e-002	0.40	-0.19	14.54	93.78	-65.63
111	366	-3.95e-003	0.26	-0.19	14.05	90.89	-165.50
	457	-1.04e-002	0.39	-7.42e-002	0.51	117.28	-165.45
	458	3.96e-003	0.39	-7.42e-002	0.47	120.67	-125.39
	369	1.04e-002	0.26	-0.19	14.58	92.47	-125.44
112	365	-6.25e-003	0.15	-0.19	13.24	87.76	-223.69
	456	7.72e-003	0.23	-7.20e-002	0.54	112.91	-223.57
	457	6.25e-003	0.23	-7.42e-002	0.43	118.11	-184.58
	366	-7.75e-003	0.15	-0.19	14.22	90.25	-184.70
113	303	-8.76e-003	0.18	-0.20	11.99	82.16	-279.47
	453	5.47e-003	0.28	-7.85e-002	0.56	105.38	-279.31
	456	8.81e-003	0.28	-7.23e-002	0.42	114.11	-242.10
	365	-5.50e-003	0.18	-0.19	13.50	86.75	-242.27
114	300	-1.21e-002	0.31	-0.18	11.14	70.16	-331.41
	452	2.39e-003	0.47	-6.19e-002	0.62	90.44	-331.46
	453	1.13e-002	0.47	-7.68e-002	0.58	106.90	-296.96
	303	-2.90e-003	0.31	-0.20	12.56	80.24	-296.91
115	299	-2.59e-002	0.47	-0.21	15.19	41.68	-377.36
	451	1.32e-002	0.69	-0.11	1.65	57.62	-378.96
	452	1.38e-002	0.69	-7.19e-002	1.61	91.51	-348.16
	300	-4.32e-003	0.47	-0.18	12.72	65.57	-346.58

116	296	-7.13e-002	0.60	-0.14	33.78	-26.19	-412.44
	450	-8.84e-002	0.91	3.15e-002	12.29	-27.35	-420.13
	451	5.85e-003	0.91	-8.43e-002	6.62	57.00	-396.21
	299	-1.73e-002	0.60	-0.21	19.91	27.51	-388.57
117	295	-0.26	0.76	-0.38	49.96	-178.72	-403.79
	449	-0.24	1.14	-0.15	67.19	-277.99	-421.85
	450	-0.11	1.16	4.60e-002	25.14	7.35	-441.17
	296	-8.01e-002	0.78	0.23	47.55	-75.60	-423.33
118	245	1.52	0.51	-0.70	550.15	-451.48	-144.68
	255	1.53	1.58	-0.66	-319.02	-1125.97	-189.90
	449	-0.22	1.55	-0.94	91.42	47.47	-393.41
	295	-0.28	0.51	-0.17	110.38	-306.87	-349.96
119	290	-0.56	1.73	-7.12e-002	71.53	-24.90	135.15
	381	-0.60	1.09	-0.25	82.83	-252.89	165.21
	382	-0.31	1.15	1.28	720.60	106.16	39.83
	293	-0.34	1.79	1.56	-507.33	216.18	23.81
120	289	2.62e-002	-0.96	-8.58e-002	30.56	-7.33	159.30
	378	-1.01e-002	-1.27	-6.60e-002	26.60	20.51	175.85
	381	-0.60	-1.23	-0.64	108.94	-56.04	155.04
	290	-0.61	-0.92	-0.52	44.80	-17.07	138.22
121	286	2.57e-002	-0.53	-0.38	15.01	37.96	131.28
	377	-6.56e-003	-1.02	-0.28	7.85	61.13	133.90
	378	-2.43e-002	-1.01	-5.32e-002	26.40	31.20	157.44
	289	-5.47e-002	-0.52	-0.13	14.74	20.56	154.77
122	285	5.38e-003	-0.44	-0.23	12.46	48.28	79.22
	374	-2.33e-002	-0.88	-0.21	4.32	74.62	79.00
	377	2.87e-003	-0.88	-0.30	8.35	65.11	114.96
	286	3.12e-002	-0.44	-0.32	8.49	40.98	115.17
123	265	-9.01e-003	-0.35	-0.28	12.67	50.92	-23.84
	373	-1.43e-002	-0.71	-0.25	5.11	78.72	23.47
	374	1.23e-002	-0.71	-0.22	5.68	76.15	59.73
	285	1.12e-002	-0.35	-0.25	10.71	48.68	60.14
124	264	-4.96e-003	0.28	-0.26	12.91	51.14	-46.10
	370	-1.33e-002	0.56	-0.24	5.89	79.29	-46.28
	373	4.32e-003	0.56	-0.25	5.71	79.06	-15.77
	265	1.40e-002	0.28	-0.27	12.42	50.86	-15.78
125	263	-3.34e-003	0.20	-0.27	12.84	50.49	-105.75
	369	-1.02e-002	0.40	-0.24	6.19	78.43	-105.79
	370	3.50e-003	0.40	-0.24	5.86	79.09	-65.80
	264	1.00e-002	0.20	-0.26	13.12	50.98	-65.76
126	262	-2.40e-003	0.13	-0.27	12.43	49.35	-165.55
	366	7.95e-003	0.26	-0.24	6.17	76.78	-165.47
	369	2.41e-003	0.26	-0.24	5.78	77.95	-125.71
	263	-7.95e-003	0.13	-0.27	13.23	50.31	-125.80
127	261	-3.82e-003	7.71e-002	-0.26	11.59	47.57	-223.97
	365	5.05e-003	0.15	-0.24	5.96	74.17	-223.76
	366	3.88e-003	0.15	-0.24	5.44	76.04	-185.04
	262	-5.19e-003	7.69e-002	-0.27	12.98	49.15	-185.24
128	260	-6.89e-003	9.16e-002	-0.27	10.19	44.22	-279.83
	303	4.13e-003	0.18	-0.25	5.81	69.41	-279.56
	365	6.51e-003	0.18	-0.24	4.78	72.99	-242.70
	261	-3.53e-003	9.19e-002	-0.26	12.50	47.29	-242.97
129	259	-6.79e-003	0.15	-0.25	8.77	36.47	-330.69
	300	4.22e-003	0.31	-0.22	7.08	58.97	-330.82
	303	7.98e-003	0.31	-0.25	3.99	67.21	-297.52
	260	-2.29e-003	0.15	-0.28	12.22	43.68	-297.39
130	258	-2.12e-002	0.23	-0.32	12.15	16.10	-370.50

	299	-6.56e-003	0.47	-0.30	15.73	33.61	-373.49
	300	1.54e-002	0.47	-0.21	5.02	53.63	-347.50
	259	-5.02e-003	0.23	-0.23	14.47	35.12	-344.51
131	257	-2.77e-002	0.31	-0.12	39.60	-37.51	-384.71
	296	-1.21e-002	0.60	-6.19e-002	54.99	-25.29	-400.75
	299	3.54e-003	0.60	-0.30	15.31	16.22	-389.50
	258	-1.61e-002	0.31	-0.37	29.82	12.51	-373.50
132	256	0.62	0.57	-0.49	135.32	-135.47	-333.87
	295	0.62	0.75	-0.73	217.13	-131.21	-394.41
	296	-9.78e-003	0.77	0.13	58.55	-96.11	-421.06
	257	-1.67e-002	0.60	-0.18	96.66	-57.00	-360.78
133	235	1.21	1.11	-1.57	722.28	107.98	-84.88
	245	1.24	0.52	-1.13	80.48	-324.96	-161.04
	295	0.62	0.50	-0.29	165.47	-265.51	-343.94
	256	0.58	1.11	-0.18	274.67	-340.25	-263.88
134	471	-0.38	-2.45e-002	4.03	43.28	75.92	263.15
	290	-0.49	1.80	0.62	81.61	-23.54	128.43
	293	-0.48	1.80	2.78	338.80	167.06	23.96
	200	-0.37	-2.39e-002	0.64	-894.15	-142.43	133.17
135	470	4.25e-002	2.76e-003	-7.68e-002	9.03	-3.41	160.61
	289	2.05e-002	-0.96	-0.16	16.48	-5.46	155.99
	290	-0.44	-0.99	-1.18	31.43	-11.95	151.56
	471	-0.38	-2.45e-002	-1.38	18.64	5.01	156.44
136	229	-2.75e-002	-1.79e-003	-0.49	5.28	5.55	130.14
	286	-8.09e-003	-0.53	-0.45	5.35	25.53	131.37
	289	-9.51e-003	-0.53	-8.82e-002	19.95	15.54	153.61
	470	4.25e-002	2.76e-003	-0.12	-7.09	2.98	152.43
137	469	1.09e-002	7.09e-004	-0.26	2.86	7.09	79.45
	285	-1.81e-002	-0.44	-0.25	1.92	33.57	79.56
	286	-3.46e-003	-0.44	-0.39	6.98	29.02	114.38
	229	-2.75e-002	-1.79e-003	-0.39	-1.99	5.86	114.26
138	468	1.15e-002	7.44e-004	-0.33	2.16	7.48	-24.16
	265	-1.17e-002	-0.36	-0.31	1.57	35.66	24.04
	285	-1.23e-002	-0.36	-0.27	2.89	34.29	59.98
	469	1.09e-002	7.09e-004	-0.28	0.70	7.03	60.10
139	228	-7.41e-003	-4.82e-004	-0.30	1.97	7.49	-45.78
	264	-1.08e-002	0.28	-0.29	1.99	35.89	-45.86
	265	6.75e-003	0.28	-0.31	2.02	35.75	-15.84
	468	1.15e-002	7.44e-004	-0.32	1.75	7.40	-15.84
140	463	-5.47e-003	-3.56e-004	-0.31	1.86	7.38	-105.50
	263	7.66e-003	0.20	-0.30	2.21	35.46	-105.53
	264	5.72e-003	0.20	-0.29	1.93	35.80	-65.92
	228	-7.41e-003	-4.82e-004	-0.31	2.12	7.45	-65.89
141	462	-3.08e-003	-2.00e-004	-0.31	1.71	7.20	-165.37
	262	5.48e-003	0.13	-0.30	2.27	34.68	-165.35
	263	3.09e-003	0.13	-0.30	1.88	35.30	-125.99
	463	-5.47e-003	-3.56e-004	-0.31	2.24	7.37	-126.01
142	227	-2.51e-003	-1.63e-004	-0.31	1.37	6.92	-223.83
	261	2.89e-003	7.73e-002	-0.29	2.31	33.46	-223.77
	262	2.46e-003	7.73e-002	-0.30	1.71	34.46	-185.46
	462	-3.08e-003	-2.00e-004	-0.31	2.29	7.21	-185.52
143	461	-4.72e-003	-3.07e-004	-0.32	0.50	6.40	-279.50
	260	2.68e-003	9.20e-002	-0.31	2.91	31.13	-279.46
	261	4.17e-003	9.22e-002	-0.29	1.38	33.10	-243.22
	227	-2.51e-003	-1.63e-004	-0.30	2.39	6.95	-243.26
144	460	-5.11e-003	-3.32e-004	-0.28	-1.86	5.22	-328.85
	259	5.48e-003	0.16	-0.27	6.27	25.56	-329.14

	260	5.39e-003	0.16	-0.31	1.21	30.42	-297.75
	461	-4.72e-003	-3.07e-004	-0.33	2.88	6.41	-297.46
145	226	-1.42e-002	-9.24e-004	-0.39	-7.66	2.29	-361.33
	258	3.07e-003	0.23	-0.38	20.51	10.27	-363.43
	259	1.10e-002	0.23	-0.25	2.59	24.10	-345.21
	460	-5.11e-003	-3.32e-004	-0.26	4.88	4.97	-343.11
146	455	-3.67e-002	-2.39e-003	-0.14	-15.91	-4.22	-346.44
	257	-2.45e-002	0.31	-0.12	71.18	-32.17	-356.62
	258	6.96e-003	0.31	-0.43	12.38	7.70	-374.82
	226	-1.42e-002	-9.24e-004	-0.46	12.22	-0.72	-364.59
147	454	-0.55	-3.55e-002	1.20	15.52	-9.09	-216.32
	256	-0.58	0.63	-9.96e-001	232.18	-105.01	-258.34
	257	-3.32e-002	0.60	-0.27	62.36	-46.75	-358.39
	455	-3.67e-002	-2.39e-003	-9.08e-002	37.83	-16.74	-315.34
148	197	1.48	0.10	0.95	962.30	149.49	106.85
	235	1.44	1.10	-2.91	216.72	155.91	-130.75
	256	-0.62	-1.18	0.37	271.52	-286.82	-217.40
	454	-0.55	-3.55e-002	4.09	148.32	-129.97	70.28
149	244	-0.37	0.48	7.40e-002	107.65	-304.23	298.43
	254	-0.30	1.57	1.23	97.74	45.61	336.34
	255	1.59	1.65	0.67	-316.35	-1122.69	129.54
	245	1.55	0.58	0.65	556.70	-446.04	97.50
150	243	-6.40e-002	0.83	-0.16	44.80	-76.80	372.88
	253	-8.10e-002	1.06	-5.66e-002	26.41	-12.07	389.29
	254	-0.33	1.03	0.17	64.01	-277.84	367.25
	244	-0.35	0.81	-0.37	44.05	-178.44	350.73
151	242	-1.80e-002	0.57	0.24	18.23	23.67	342.22
	252	-4.26e-003	0.83	0.10	6.46	49.98	349.03
	253	-6.58e-002	0.83	-2.08e-002	11.50	-30.08	369.80
	243	-5.21e-002	0.57	0.13	29.87	-29.61	362.94
152	241	-1.97e-003	0.39	0.20	11.43	56.82	305.11
	251	1.22e-002	0.57	7.68e-002	1.25	79.06	306.38
	252	-1.84e-002	0.56	0.12	1.15	50.30	333.44
	242	-2.98e-002	0.38	0.25	13.23	36.04	332.16
153	240	5.37e-003	0.18	0.24	11.68	67.07	261.85
	250	1.11e-002	0.28	9.18e-002	8.03e-002	89.56	261.70
	251	-7.35e-003	0.28	6.84e-002	0.24	78.22	291.65
	241	-1.32e-002	0.18	0.21	9.99	60.31	291.80
154	239	9.31e-003	8.18e-002	0.22	15.29	67.71	214.62
	249	7.98e-003	0.12	7.08e-002	-0.51	91.72	213.84
	250	-8.64e-003	0.13	9.07e-002	0.38	87.69	246.36
	240	-7.43e-003	8.21e-002	0.24	11.56	68.07	247.14
155	238	2.46e-002	-0.25	0.24	27.49	60.97	162.78
	248	1.77e-002	-0.36	0.11	-1.09	90.79	160.15
	249	-1.17e-002	-0.36	8.21e-002	1.23	87.18	197.35
	239	-4.95e-003	-0.25	0.21	16.21	67.67	200.01
156	237	-5.57e-002	-0.42	0.18	64.41	44.21	100.11
	247	-7.03e-002	-0.65	4.06e-002	3.56	90.22	91.45
	248	-3.34e-003	-0.64	8.73e-002	4.91	77.54	139.86
	238	1.37e-002	-0.41	0.24	30.95	58.95	149.02
157	236	-0.26	-0.62	0.35	136.93	24.09	38.91
	246	-0.24	-0.91	-0.11	56.78	70.62	-43.30
	247	-8.86e-002	-0.93	4.18e-002	20.48	66.47	59.93
	237	-7.06e-002	-0.64	0.25	77.36	31.89	84.24
158	433	0.45	-0.57	0.56	336.53	144.12	96.72
	443	0.45	-1.13	-0.29	516.01	-205.14	-74.47
	246	-0.23	-1.12	-0.64	123.57	147.34	-148.59

	236	-0.27	-0.58	4.60e-002	222.47	-90.47	39.60
159	234	0.30	1.02	0.14	267.74	-344.46	212.57
	244	0.34	0.48	0.39	160.98	-266.60	292.00
	245	1.27	0.56	1.08	54.16	-317.97	109.51
	235	1.29	1.09	-1.58	728.62	96.13	52.41
160	233	-2.11e-002	0.67	0.11	93.01	-56.53	313.28
	243	-1.16e-002	0.83	-0.10	54.89	-95.67	370.27
	244	0.32	0.82	0.73	212.82	-131.60	341.15
	234	0.33	0.66	0.63	126.03	-134.01	284.16
161	232	-1.65e-002	0.31	0.43	27.69	11.58	328.33
	242	1.23e-003	0.57	0.34	13.26	13.99	342.79
	243	-2.82e-002	0.56	7.57e-002	52.46	-28.20	351.76
	233	-4.40e-002	0.31	0.16	33.81	-38.83	337.27
162	231	-2.73e-003	0.19	0.28	12.86	30.58	303.37
	241	1.42e-002	0.39	0.25	4.12	46.38	305.87
	242	-1.21e-002	0.38	0.35	13.87	28.84	328.52
	232	-2.43e-002	0.19	0.37	10.03	13.43	326.01
163	230	2.54e-003	9.26e-002	0.33	10.96	36.24	262.95
	240	7.79e-003	0.18	0.30	3.95	55.95	262.76
	241	-1.48e-003	0.18	0.26	5.79	50.47	291.20
	231	-5.38e-003	9.22e-002	0.29	7.97	31.16	291.39
164	477	2.26e-003	4.11e-002	0.29	13.28	35.74	218.30
	239	1.24e-003	8.21e-002	0.26	7.27	56.21	216.93
	240	-5.11e-003	8.22e-002	0.30	5.57	57.13	247.12
	230	-4.22e-003	4.13e-002	0.33	10.42	36.16	248.50
165	476	1.72e-002	-0.12	0.36	23.54	28.94	174.87
	238	-9.48e-003	-0.25	0.34	18.13	48.82	170.14
	239	-1.30e-002	-0.25	0.26	10.18	56.18	199.97
	477	-5.49e-003	-0.12	0.28	15.97	34.92	204.72
166	475	-2.98e-002	-0.21	0.18	60.98	11.57	137.71
	237	-1.75e-002	-0.41	0.11	57.57	31.10	120.98
	238	-3.39e-003	-0.41	0.34	27.72	45.95	149.34
	476	-1.12e-002	-0.21	0.41	33.68	26.29	166.32
167	474	0.53	-0.51	0.52	175.57	-3.77	119.54
	236	0.52	-0.61	0.73	203.66	23.28	67.47
	237	-5.96e-003	-0.64	0.18	86.32	-11.99	87.71
	475	-8.59e-003	-0.55	6.12e-002	94.50	-8.56	142.91
168	423	0.38	-1.11	1.42	301.64	227.47	144.38
	433	0.40	-0.57	0.97	459.34	191.41	78.29
	236	0.53	-0.56	0.35	220.41	-101.51	50.30
	474	0.49	-1.09	0.12	241.10	-105.31	113.80
169	448	-0.52	-3.38e-002	-3.49	148.44	-127.37	-92.20
	234	-0.59	1.08	0.34	261.35	-290.30	170.19
	235	1.52	1.10	-2.92	208.10	148.32	82.61
	197	1.48	0.10	-0.48	964.04	145.68	-157.79
170	225	-5.86e-002	-3.81e-003	0.12	36.44	-15.68	270.70
	233	-2.40e-002	0.67	0.14	58.97	-45.62	310.28
	234	-0.56	0.71	1.10	227.13	-103.63	211.69
	448	-0.52	-3.38e-002	1.21	9.41	-10.09	173.99
171	447	-1.71e-002	-1.11e-003	0.52	11.51	-0.86	320.06
	232	3.80e-003	0.31	0.48	11.04	7.27	329.28
	233	-4.00e-002	0.31	0.17	68.67	-32.73	310.22
	225	-5.86e-002	-3.81e-003	0.20	-17.45	-4.75	301.06
172	224	-3.43e-003	-2.23e-004	0.32	4.37	4.37	302.26
	231	9.44e-003	0.19	0.31	2.19	20.94	304.02
	232	-5.03e-003	0.19	0.43	18.87	8.46	319.31
	447	-1.71e-002	-1.11e-003	0.45	-7.66	1.84	317.55

173	446	-1.74e-003	-1.13e-004	0.39	2.17	5.36	263.61
	230	4.46e-003	9.28e-002	0.37	1.98	25.13	263.67
	231	2.76e-003	9.27e-002	0.32	5.29	21.72	289.97
	224	-3.43e-003	-2.23e-004	0.33	-1.39	4.45	289.91
174	223	1.33e-003	8.66e-005	0.33	0.88	5.33	220.90
	477	1.42e-003	4.14e-002	0.32	5.90	24.67	220.20
	230	-2.43e-003	4.14e-002	0.37	2.89	25.26	248.11
	446	-1.74e-003	-1.13e-004	0.39	1.50	5.19	248.81
175	445	1.27e-002	8.25e-004	0.44	-1.05	4.54	183.90
	476	-5.20e-003	-0.12	0.43	19.01	19.00	181.37
	477	-7.54e-003	-0.12	0.30	5.72	24.20	204.33
	223	1.33e-003	8.66e-005	0.32	3.89	4.82	206.86
176	222	-2.05e-002	-1.33e-003	0.17	1.13	3.15	167.98
	475	-1.23e-002	-0.21	0.14	58.90	-5.36	158.88
	476	-2.20e-003	-0.21	0.48	19.03	17.89	165.80
	445	1.27e-002	8.25e-004	0.51	9.36	2.57	174.88
177	444	-0.53	-3.45e-002	1.23	38.84	7.99	195.70
	474	-0.57	-0.58	1.03	151.02	-12.84	166.95
	475	-2.34e-002	-0.55	9.49e-002	66.35	-6.70	146.11
	222	-2.05e-002	-1.33e-003	0.13	24.36	-6.42	174.59
178	193	0.55	3.57e-002	0.80	301.82	82.41	213.77
	423	0.50	-1.10	2.68	375.24	226.11	120.12
	474	-0.60	-1.16	0.43	212.47	-117.04	145.99
	444	-0.53	-3.45e-002	3.85	69.36	-37.87	246.13
229	432	0.35	-0.48	-6.74e-002	189.03	-172.70	317.86
	442	-0.31	-1.14	-0.67	153.96	164.86	438.26
	443	0.49	-1.16	0.15	352.69	-601.98	290.71
	433	0.49	-0.51	0.58	415.60	-150.65	169.85
230	431	-7.56e-002	-0.64	-0.19	61.97	36.30	291.10
	441	-9.03e-002	-0.91	2.70e-002	20.13	92.38	305.54
	442	0.33	-0.89	-0.11	39.78	-71.17	341.78
	432	0.34	-0.61	-0.32	98.54	-43.21	326.47
231	430	6.11e-003	-0.46	-0.21	27.33	86.12	220.88
	440	-1.12e-002	-0.70	-7.09e-002	1.12	116.17	224.42
	441	-7.62e-002	-0.71	1.29e-002	1.25	87.65	272.65
	431	-6.22e-002	-0.47	-0.13	44.22	54.26	268.72
232	429	4.32e-003	-0.35	-0.17	18.37	101.31	154.81
	439	-8.59e-003	-0.53	-7.50e-002	-2.76	131.23	155.05
	440	-1.17e-002	-0.52	-0.11	-3.91	120.13	199.65
	430	1.52e-002	-0.35	-0.21	21.54	88.89	199.26
233	428	7.04e-003	-0.27	-0.20	16.21	105.03	99.23
	438	-9.15e-003	-0.41	-8.31e-002	-3.32	134.98	99.03
	439	-9.61e-003	-0.41	-6.41e-002	-3.74	132.29	133.85
	429	1.19e-002	-0.27	-0.18	16.77	101.51	133.95
234	427	1.18e-002	-0.28	-0.18	13.89	103.76	84.87
	437	-8.53e-003	-0.42	-6.65e-002	-3.10	131.40	84.55
	438	-9.24e-003	-0.42	-8.20e-002	-3.43	136.40	87.32
	428	6.41e-003	-0.28	-0.19	15.87	104.60	87.43
235	426	1.94e-002	-0.37	-0.20	7.53	96.30	-122.41
	436	-1.14e-002	-0.56	-0.10	-2.08	117.19	-121.34
	437	-9.54e-003	-0.56	-8.18e-002	-2.88	136.10	93.60
	427	4.48e-003	-0.38	-0.18	14.01	102.35	94.42
236	425	6.50e-002	-0.48	-0.16	-12.02	72.21	-167.22
	435	-8.06e-002	-0.75	-3.28e-002	0.86	76.15	-164.04
	436	-6.51e-003	-0.75	-5.79e-002	-1.53	130.41	-138.32
	426	1.12e-002	-0.48	-0.19	8.35	92.80	-141.32
237	424	0.23	-0.66	-0.23	-50.30	27.93	-178.88

	434	-0.21	-0.91	-2.17e-002	2.19	-65.79	-171.15
	435	-9.33e-002	-0.93	-2.26e-002	3.54	108.89	-175.53
	425	7.90e-002	-0.68	-0.27	-7.15	65.14	-183.15
238	403	-3.67e-002	-0.76	-0.27	-28.39	-247.84	-106.27
	413	-3.47e-002	-0.76	-0.25	-85.19	-388.30	-94.80
	434	-0.22	-0.75	-7.55e-002	16.65	36.72	-157.65
	424	0.22	-0.74	-0.10	-32.83	-46.13	-169.13
239	422	-0.39	-0.96	-0.17	218.83	-181.55	229.50
	432	-0.43	-0.48	0.34	175.65	-179.91	300.95
	433	0.44	-0.51	0.98	378.42	126.14	203.84
	423	0.47	-1.00e+000	1.48	351.25	173.65	131.32
240	421	3.02e-002	-0.50	0.12	82.16	-9.08	250.45
	431	-2.50e-002	-0.63	-0.11	58.33	-15.95	287.55
	432	-0.42	-0.61	-0.70	188.97	-29.95	296.14
	422	-0.42	-0.48	-0.48	120.05	-32.30	257.64
241	420	9.12e-003	-0.24	-0.35	29.42	46.39	213.28
	430	-5.36e-003	-0.46	-0.29	13.05	69.07	220.42
	431	-3.85e-002	-0.46	-5.56e-002	41.06	40.99	256.30
	421	4.90e-002	-0.24	-0.11	34.99	16.10	248.69
242	419	6.14e-003	-0.17	-0.22	17.00	55.18	154.06
	429	-1.23e-002	-0.36	-0.20	3.15	84.11	154.86
	430	-6.19e-003	-0.35	-0.29	7.83	72.64	196.29
	420	1.42e-002	-0.17	-0.30	15.84	44.19	195.28
243	418	5.14e-003	-0.13	-0.26	14.11	57.18	99.36
	428	-6.72e-003	-0.27	-0.25	1.89	87.73	99.24
	429	-3.74e-003	-0.27	-0.21	1.36	84.39	133.64
	419	5.15e-003	-0.13	-0.23	13.52	54.34	133.63
244	417	4.20e-003	-0.14	-0.23	11.61	56.55	85.64
	427	-4.92e-003	-0.28	-0.21	1.91	87.09	85.33
	428	-6.84e-003	-0.28	-0.24	2.06	87.15	87.59
	418	4.74e-003	-0.14	-0.26	13.56	56.92	87.62
245	416	1.28e-002	-0.19	-0.29	5.35	52.77	-126.18
	426	-5.04e-003	-0.38	-0.28	-3.08	81.74	-124.85
	427	-1.40e-002	-0.38	-0.21	-4.55	85.06	94.72
	417	5.85e-003	-0.19	-0.22	12.40	56.27	95.69
246	415	5.62e-002	-0.24	-0.14	-16.03	40.77	-177.94
	425	-4.31e-002	-0.48	-6.96e-002	-6.27	63.65	-173.85
	426	-6.95e-003	-0.48	-0.28	-11.35	76.43	-142.00
	416	8.38e-003	-0.25	-0.35	8.00	51.83	-145.81
247	414	0.61	-0.51	-0.38	-74.38	14.04	-201.36
	424	-0.61	-0.64	-0.67	-12.28	20.51	-189.81
	425	-2.91e-002	-0.67	-0.17	-28.99	52.51	-184.95
	415	3.50e-002	-0.55	-0.13	-5.81	37.54	-196.27
248	393	8.58e-002	-1.17	-1.31	-105.49	-166.66	-121.51
	403	5.70e-002	-0.76	-0.78	-60.45	-216.54	-108.92
	424	-0.60	-0.72	-0.36	-61.48	-38.18	-173.94
	414	0.57	-1.13	-0.18	-28.16	19.38	-186.67
249	383	-0.67	-4.36e-002	-3.53	81.86	-43.27	152.14
	422	-0.73	-1.03	0.24	169.23	-165.72	205.94
	423	0.59	-1.01	2.74	329.18	178.82	161.55
	193	0.55	3.57e-002	-0.56	325.86	68.19	97.34
250	221	-1.07e-002	-6.95e-004	-0.10	26.80	-2.86	228.26
	421	-2.32e-002	-0.50	0.13	44.51	-5.51	245.76
	422	-0.70	-0.55	0.88	150.92	-27.23	219.72
	383	-0.67	-4.36e-002	1.10	17.25	-3.58	203.01
251	380	1.50e-002	9.73e-004	-0.42	11.42	6.34	208.62
	420	-6.18e-003	-0.24	-0.40	8.09	31.70	212.81

	421	-1.11e-002	-0.24	-0.10	46.60	-9.05	232.87
	221	-1.07e-002	-6.95e-004	-0.12	-11.12	2.57	228.59
252	220	4.17e-003	2.71e-004	-0.25	6.94	8.26	153.48
	419	-8.03e-003	-0.18	-0.24	-4.77	37.98	154.07
	420	-9.33e-003	-0.17	-0.35	9.12	29.84	191.51
	380	1.50e-002	9.73e-004	-0.36	-1.97	6.49	190.82
253	379	4.32e-003	2.81e-004	-0.31	5.64	8.62	99.31
	418	-4.85e-003	-0.14	-0.30	-5.48	39.45	99.31
	419	-4.65e-003	-0.14	-0.25	2.98	37.44	132.99
	220	4.17e-003	2.71e-004	-0.27	3.28	8.13	132.92
254	219	4.67e-003	3.04e-004	-0.27	4.70	8.47	85.79
	417	-4.45e-003	-0.14	-0.25	-5.88	39.18	85.68
	418	-5.09e-003	-0.14	-0.30	-5.33	39.27	87.56
	379	4.32e-003	2.81e-004	-0.31	4.95	8.61	87.54
255	376	1.62e-002	1.05e-003	-0.35	2.59	7.75	-127.59
	416	-7.65e-003	-0.19	-0.35	-6.97	36.96	-127.04
	417	-7.88e-003	-0.19	-0.24	-7.45	38.70	95.68
	219	4.67e-003	3.04e-004	-0.25	5.40	8.63	96.07
256	218	1.18e-002	7.67e-004	-0.11	-6.04	5.49	-182.84
	415	-2.58e-002	-0.25	-8.77e-002	-8.95	29.89	-181.15
	416	-4.10e-003	-0.25	-0.40	-12.36	35.20	-145.69
	376	1.62e-002	1.05e-003	-0.42	5.50	8.28	-147.27
257	375	-0.65	-4.24e-002	-1.18	-33.47	-3.31	-215.30
	414	-0.69	-0.60	-0.89	-7.97	10.43	-210.91
	415	-4.69e-002	-0.56	-0.19	-25.88	23.53	-195.84
	218	1.18e-002	7.67e-004	-0.11	6.24	7.05	-200.10
258	190	5.56e-002	3.61e-003	-0.86	-177.58	-47.15	-157.43
	393	9.00e-002	-1.17	-2.65	-83.04	-139.15	-114.78
	414	-0.73	-1.21	-0.34	-73.88	20.06	-188.44
	375	-0.65	-4.24e-002	3.84	-5.22	12.36	-231.66
259	402	0.18	-0.39	-0.18	-19.05	83.96	-130.07
	412	-0.20	-0.33	-0.13	-12.57	57.41	-129.62
	413	-1.76e-002	-0.33	-0.26	88.35	124.47	-86.76
	403	3.41e-002	-0.40	-0.30	-118.13	55.32	-87.18
260	401	-5.78e-002	-0.38	-0.19	5.77	96.80	-181.83
	411	-5.89e-002	-0.43	-2.48e-002	-5.17	117.37	-185.73
	412	0.18	-0.42	-6.70e-002	-9.15	101.84	-153.10
	402	0.18	-0.37	-0.12	-19.58	74.56	-149.26
261	400	-1.91e-002	-0.21	-0.13	7.11	96.90	-233.69
	410	-1.23e-002	-0.33	-5.80e-002	-1.88	125.46	-235.90
	411	5.42e-002	-0.34	-4.38e-002	-1.85	114.52	-200.89
	401	4.68e-002	-0.21	-0.12	5.80	92.99	-198.72
262	399	-3.81e-003	-0.14	-0.14	10.01	95.25	-292.20
	409	-6.38e-003	-0.20	-7.27e-002	-0.86	123.13	-292.82
	410	2.06e-002	-0.20	-8.55e-002	-0.41	122.36	-254.33
	400	2.36e-002	-0.14	-0.15	7.53	96.33	-253.72
263	398	-5.00e-003	0.10	-0.15	9.54	90.69	-351.18
	408	-4.59e-003	0.15	-6.93e-002	-0.50	116.08	-351.11
	409	5.31e-003	0.15	-5.90e-002	-0.46	122.96	-312.36
	399	4.90e-003	0.10	-0.14	10.38	94.61	-312.43
264	397	-7.85e-003	0.16	-0.14	6.82	79.17	-406.61
	407	-3.13e-003	0.25	-5.89e-002	-0.17	100.11	-406.22
	408	7.16e-003	0.25	-6.97e-002	-0.43	118.05	-370.22
	398	2.73e-003	0.17	-0.15	10.14	89.01	-370.61
265	396	-2.25e-002	0.27	-0.15	3.73	49.66	-453.28
	406	-1.65e-002	0.40	-8.60e-002	1.21	62.06	-453.31
	407	8.47e-003	0.40	-7.12e-002	0.44	104.02	-423.87

	397	-2.55e-003	0.27	-0.14	8.45	74.71	-423.85
266	395	-5.39e-002	0.36	-0.12	5.00	-36.81	-479.80
	405	-6.40e-002	0.56	5.00e-002	11.17	-50.88	-483.28
	406	9.61e-003	0.56	-6.15e-002	4.82	68.99	-469.23
	396	-1.77e-002	0.36	-0.14	8.78	36.72	-465.77
267	394	-0.18	0.51	-0.19	-12.55	-232.73	-441.25
	404	-0.17	0.67	-0.12	59.88	-359.88	-452.70
	405	-7.09e-002	0.69	3.69e-002	23.37	22.99	-497.68
	395	-6.19e-002	0.52	0.20	20.69	-83.72	-486.21
268	353	0.89	0.48	-0.35	425.45	-636.97	-128.47
	363	0.92	0.91	-0.57	-207.91	-1351.40	-167.92
	404	-0.18	0.87	-0.70	102.10	-64.89	-425.12
	394	-0.18	0.47	-0.19	65.39	-382.19	-377.98
269	392	-0.60	-1.00	-0.28	-43.85	74.21	-118.35
	402	-0.64	-0.36	-0.27	-45.02	67.51	-126.95
	403	2.34e-002	-0.40	-0.81	38.81	-51.74	-104.58
	393	6.42e-002	-1.04	-1.31	-170.95	-78.29	-95.66
270	391	9.61e-003	-0.45	-0.16	-12.43	55.28	-168.29
	401	-1.70e-002	-0.38	-0.10	-19.96	85.49	-180.19
	402	-0.64	-0.34	-0.53	-36.50	59.67	-148.76
	392	-0.64	-0.41	-0.33	-42.73	45.04	-137.10
271	390	-9.14e-003	-0.11	-0.29	4.78	53.59	-229.19
	400	-4.79e-003	-0.21	-0.21	-5.80	82.29	-233.39
	401	-2.74e-002	-0.21	-7.58e-002	-10.88	79.40	-195.26
	391	3.25e-002	-0.11	-0.11	-8.43	53.84	-191.16
272	389	-5.93e-003	-7.08e-002	-0.17	7.88	52.11	-291.22
	399	-9.34e-003	-0.14	-0.16	1.17	80.38	-292.36
	400	8.53e-003	-0.14	-0.23	2.85	81.60	-252.13
	390	1.20e-002	-6.99e-002	-0.24	6.06	53.33	-251.01
273	388	-3.26e-003	4.93e-002	-0.21	7.32	49.12	-351.73
	398	-2.69e-003	0.10	-0.19	1.10	76.52	-351.68
	399	3.20e-003	0.10	-0.16	1.17	79.64	-312.09
	389	2.50e-003	4.94e-002	-0.18	8.96	51.82	-312.14
274	387	-4.26e-003	8.24e-002	-0.18	4.16	41.79	-407.76
	397	-3.52e-003	0.17	-0.16	1.55	66.76	-407.22
	398	5.26e-003	0.17	-0.19	1.49	74.51	-370.88
	388	-1.53e-003	8.26e-002	-0.21	9.22	48.80	-371.42
275	386	-1.37e-002	0.14	-0.24	2.46	21.94	-452.11
	396	-5.59e-003	0.27	-0.23	6.25	41.32	-452.56
	397	1.10e-002	0.27	-0.16	-3.39	61.46	-424.61
	387	-4.67e-003	0.14	-0.17	9.49	41.24	-424.16
276	385	-2.98e-002	0.19	-0.10	5.45	-38.32	-465.94
	395	-2.08e-002	0.36	-6.12e-002	35.34	-31.95	-474.39
	396	3.33e-003	0.36	-0.22	3.18	25.78	-466.89
	386	-1.03e-002	0.19	-0.28	17.52	20.37	-458.45
277	384	0.66	0.44	-0.34	42.92	-155.57	-394.05
	394	0.66	0.49	-0.54	171.59	-177.83	-435.44
	395	-1.13e-002	0.52	-0.10	20.52	-97.56	-485.99
	385	-1.11e-002	0.47	-0.18	63.19	-55.81	-444.51
278	343	0.70	1.02	1.25	490.12	-117.25	-88.06
	353	0.72	0.47	-0.79	67.01	-483.58	-141.63
	394	0.66	0.44	-0.27	92.26	-339.48	-376.13
	384	0.62	9.97e-001	-0.24	197.40	-341.18	-306.98
279	372	-0.48	-3.11e-002	-3.72	-20.04	28.34	-75.32
	392	-0.55	-1.08	-0.36	-68.57	61.00	-110.52
	393	8.50e-002	-1.04	-2.66	-21.19	-73.17	-109.92
	190	5.56e-002	3.61e-003	-0.72	-241.21	-41.71	-69.77

280	217	1.35e-002	8.78e-004	-9.45e-002	-2.64	9.73	-160.15
	391	-1.63e-002	-0.46	-0.23	-21.07	38.58	-167.40
	392	-0.51	-0.49	-0.93	-36.33	34.68	-124.80
	372	-0.48	-3.11e-002	-1.14	-15.02	4.39	-117.91
281	371	1.25e-002	8.14e-004	-0.37	1.26	8.24	-226.95
	390	-6.43e-003	-0.11	-0.34	-7.53	37.37	-229.13
	391	-7.27e-003	-0.11	-9.26e-002	-14.82	39.24	-185.91
	217	1.35e-002	8.78e-004	-0.10	1.80	7.41	-183.78
282	216	-1.65e-003	-1.07e-004	-0.19	1.54	7.70	-290.59
	389	-4.61e-003	-7.09e-002	-0.18	-3.41	36.52	-291.20
	390	8.96e-003	-7.02e-002	-0.29	-6.55	37.72	-249.45
	371	1.25e-002	8.14e-004	-0.29	2.49	7.72	-248.85
283	368	-2.06e-003	-1.34e-004	-0.25	0.96	7.13	-351.61
	388	1.55e-003	4.96e-002	-0.24	-1.99	34.51	-351.67
	389	1.93e-003	4.96e-002	-0.19	-4.04	36.29	-311.78
	216	-1.65e-003	-1.07e-004	-0.20	2.69	7.60	-311.71
284	215	-2.70e-003	-1.75e-004	-0.20	-2.07	5.92	-407.11
	387	3.00e-003	8.28e-002	-0.19	1.07	29.41	-407.05
	388	3.46e-003	8.29e-002	-0.24	-4.03	33.97	-371.47
	368	-2.06e-003	-1.34e-004	-0.25	3.03	7.22	-371.52
285	367	-1.31e-002	-8.48e-004	-0.29	-9.29	2.85	-446.70
	386	-6.60e-003	0.14	-0.29	10.76	15.07	-447.52
	387	6.76e-003	0.14	-0.18	-4.87	28.37	-424.51
	215	-2.70e-003	-1.75e-004	-0.19	4.49	6.08	-423.69
286	214	-2.43e-002	-1.58e-003	-0.12	-23.61	-5.54	-439.11
	385	-1.75e-002	0.19	-0.11	50.82	-29.95	-445.35
	386	6.15e-003	0.19	-0.33	2.61	13.17	-459.04
	367	-1.31e-002	-8.48e-004	-0.36	10.42	2.35	-452.79
287	364	-0.48	-3.09e-002	-1.07	-27.90	-17.16	-308.91
	384	-0.51	0.50	-0.85	183.07	-113.45	-338.16
	385	-2.91e-002	0.47	-0.26	28.46	-45.29	-441.30
	214	-2.43e-002	-1.58e-003	-0.10	32.02	-12.81	-411.76
288	187	0.85	5.51e-002	0.88	607.37	69.85	84.69
	343	0.82	1.02	2.47	172.25	40.04	-113.72
	384	-0.54	1.07	-0.33	159.89	-270.98	-272.42
	364	-0.48	-3.09e-002	3.62	117.66	-97.06	-140.72
329	352	-0.28	0.62	0.12	89.43	-272.30	408.63
	362	-0.27	9.96e-001	0.59	132.51	47.06	424.48
	363	0.93	1.05	0.41	-279.02	-1247.97	193.92
	353	0.92	0.67	0.33	425.72	-623.97	175.56
330	351	-7.40e-002	0.65	-0.22	27.60	-24.79	494.06
	361	-8.63e-002	0.86	3.77e-002	31.90	57.49	492.71
	362	-0.27	0.84	0.10	29.02	-318.91	454.56
	352	-0.28	0.63	-0.23	-36.59	-195.85	455.74
331	350	-6.15e-003	-0.44	0.19	15.46	64.30	457.21
	360	-1.21e-002	-0.68	5.72e-002	4.76	104.64	455.72
	361	-7.72e-002	-0.68	2.75e-002	4.64	-18.03	478.96
	351	-6.43e-002	-0.44	0.15	12.33	7.11	480.41
332	349	4.80e-003	-0.33	0.17	15.97	92.95	393.33
	359	8.09e-003	-0.48	7.42e-002	-2.23	127.24	391.99
	360	-9.84e-003	-0.48	0.10	-2.91	84.40	434.43
	350	-1.41e-002	-0.32	0.19	7.95	70.83	435.76
333	348	7.02e-003	-0.23	0.19	17.75	103.66	317.07
	358	8.89e-003	-0.35	7.68e-002	-4.12	136.61	316.36
	359	-9.23e-003	-0.35	6.20e-002	-4.50	118.36	366.80
	349	-1.20e-002	-0.23	0.17	13.65	95.07	367.52
334	347	1.20e-002	-0.25	0.17	18.11	108.35	235.26

	357	-9.21e-003	-0.37	6.25e-002	-4.64	140.20	235.02
	358	-9.30e-003	-0.37	7.66e-002	-5.01	132.58	288.94
	348	6.02e-003	-0.25	0.19	16.83	104.45	289.17
335	346	1.24e-002	-0.36	0.19	15.57	109.12	152.17
	356	-6.70e-003	-0.54	0.10	-4.43	137.99	152.52
	357	-9.81e-003	-0.54	7.55e-002	-4.99	139.83	206.63
	347	3.06e-003	-0.36	0.17	17.55	108.34	206.29
336	345	7.20e-002	-0.49	0.16	7.43	101.30	73.70
	355	-8.31e-002	-0.75	2.22e-002	-3.53	121.88	75.41
	356	-1.41e-002	-0.75	4.98e-002	-4.31	143.41	124.70
	346	3.82e-003	-0.49	0.19	15.36	108.31	122.97
337	344	0.22	-0.66	0.25	-22.33	64.47	12.58
	354	0.21	-0.95	4.36e-002	-3.52	68.95	17.07
	355	-0.10	-0.97	2.14e-002	-2.63	138.33	51.67
	345	8.38e-002	-0.67	0.26	8.87	100.90	46.97
338	323	3.98e-002	-0.78	0.27	-56.23	-84.41	-17.37
	333	-3.10e-002	-9.96e-001	0.26	-8.04	-96.29	-13.87
	354	-0.22	-0.99	0.11	2.74	94.80	6.44
	344	0.21	-0.77	0.12	-11.86	63.53	-7.57
339	342	0.49	-0.98	0.22	172.62	-297.12	339.42
	352	0.51	0.61	0.36	92.31	-251.80	398.06
	353	0.75	0.67	0.76	-93.18	-488.23	167.63
	343	0.76	1.03	1.28	510.19	-150.92	116.17
340	341	4.28e-002	0.51	0.20	56.42	-20.39	470.13
	351	3.87e-002	0.64	0.13	20.58	-39.05	491.06
	352	0.52	0.62	0.63	144.95	-149.36	447.82
	342	0.52	0.48	0.41	47.73	-123.74	426.83
341	340	7.54e-003	-0.23	0.32	20.87	37.92	455.62
	350	8.35e-003	-0.44	0.27	-7.74	49.47	457.04
	351	4.90e-002	-0.44	9.29e-002	30.21	6.69	478.64
	341	6.05e-002	-0.23	0.14	-18.49	-13.98	477.21
342	339	4.81e-003	-0.16	0.21	16.00	51.86	394.54
	349	-1.24e-002	-0.33	0.20	-5.79	76.24	393.59
	350	-2.56e-003	-0.33	0.27	4.05	59.64	436.59
	340	1.14e-002	-0.16	0.28	2.96	35.10	437.55
343	338	4.70e-003	-0.12	0.25	16.37	56.81	317.85
	348	-6.16e-003	-0.23	0.23	-3.95	85.87	317.21
	349	-5.04e-003	-0.23	0.21	-0.84	79.69	368.35
	339	3.99e-003	-0.12	0.22	10.08	51.16	369.00
344	337	5.84e-003	-0.12	0.22	16.27	59.19	235.10
	347	-3.00e-003	-0.25	0.21	-3.21	90.16	234.97
	348	-6.98e-003	-0.25	0.23	-1.83	87.25	289.55
	338	4.25e-003	-0.12	0.25	14.11	56.88	289.69
345	336	1.19e-002	-0.18	0.28	13.50	59.94	150.21
	346	-4.54e-003	-0.36	0.27	-3.75	91.40	150.78
	347	-1.27e-002	-0.36	0.20	-3.12	90.21	206.31
	337	6.06e-003	-0.18	0.21	15.18	59.18	205.74
346	335	6.50e-002	-0.25	0.14	5.47	57.01	67.78
	345	-5.56e-002	-0.49	0.11	-6.72	86.18	70.04
	346	-8.83e-003	-0.49	0.27	-7.10	89.86	122.66
	336	6.95e-003	-0.25	0.32	13.38	59.28	120.33
347	334	-0.56	-0.46	0.34	-39.62	38.19	8.81
	344	-0.56	-0.64	0.66	-15.25	56.08	8.78
	345	-4.43e-002	-0.67	0.18	-18.58	83.85	46.05
	335	4.64e-002	-0.49	0.19	7.61	55.78	38.86
348	313	0.13	-1.05	1.26	-112.91	-83.03	-21.90
	323	0.10	-0.78	0.74	-7.86	-79.09	-17.14

	344	-0.56	-0.75	0.35	-40.38	53.03	-8.61
	334	-0.53	-1.02	0.23	-18.59	52.95	-18.67
349	302	-0.66	-4.29e-002	-3.39	121.26	-79.30	220.85
	342	-0.73	-1.05	0.26	121.61	-237.31	316.88
	343	0.88	1.04	2.50	154.75	-94.17	134.59
	187	0.85	5.51e-002	-0.70	613.56	60.67	95.46
350	213	-3.28e-002	-2.13e-003	0.15	28.70	-3.74	450.86
	341	-4.94e-002	0.51	0.24	19.11	-18.67	464.68
	342	-0.69	0.55	0.80	168.60	-85.30	385.87
	302	-0.66	-4.29e-002	1.05	-74.42	-19.78	372.41
351	301	-1.59e-002	-1.03e-003	0.39	12.22	5.91	452.57
	340	-3.98e-003	-0.23	0.37	-7.87	25.17	454.58
	341	-3.66e-002	-0.23	0.15	43.01	-10.73	463.19
	213	-3.28e-002	-2.13e-003	0.16	-30.73	-3.19	461.20
352	212	3.68e-003	2.39e-004	0.25	8.51	8.12	394.54
	339	-7.13e-003	-0.16	0.23	-8.46	35.29	394.39
	340	-7.93e-003	-0.16	0.32	5.49	24.20	434.65
	301	-1.59e-002	-1.03e-003	0.33	-6.23	4.83	434.81
353	298	3.74e-003	2.43e-004	0.30	7.87	8.80	318.03
	338	-4.31e-003	-0.12	0.28	-7.68	38.83	317.83
	339	-4.07e-003	-0.12	0.24	-3.64	35.31	368.56
	212	3.68e-003	2.39e-004	0.26	2.77	7.64	368.76
354	211	4.58e-003	2.98e-004	0.26	7.65	9.10	234.95
	337	-3.77e-003	-0.12	0.24	-7.49	40.58	234.94
	338	-4.74e-003	-0.12	0.28	-5.63	39.14	289.57
	298	3.74e-003	2.43e-004	0.30	5.65	8.65	289.58
355	297	1.41e-002	9.13e-004	0.33	6.80	9.12	149.15
	336	-8.43e-003	-0.18	0.32	-8.32	41.38	149.42
	337	-7.29e-003	-0.18	0.23	-6.91	40.58	205.60
	211	4.58e-003	2.98e-004	0.24	6.59	9.10	205.32
356	210	2.83e-002	1.84e-003	0.15	2.98	8.39	64.14
	335	-3.88e-002	-0.25	0.13	-10.89	40.24	65.15
	336	-7.42e-003	-0.25	0.37	-10.07	40.35	120.17
	297	1.41e-002	9.13e-004	0.39	6.83	9.34	119.11
357	294	0.69	4.50e-002	1.08	-14.80	4.75	-18.43
	334	-0.72	-0.53	0.77	-13.05	29.93	-15.33
	335	-5.73e-002	-0.49	0.23	-19.61	36.86	38.64
	210	2.83e-002	1.84e-003	0.16	6.90	9.33	36.13
358	181	0.22	1.40e-002	0.86	-168.93	-31.08	-42.62
	313	0.23	-1.05	2.51	-37.57	-72.60	-18.61
	334	-0.76	-1.10	0.27	-54.81	45.93	-20.72
	294	0.69	4.50e-002	3.60	-7.12	17.03	-54.76
359	322	0.18	-0.66	-0.21	-20.08	73.92	-56.28
	332	0.19	-0.89	-0.16	-3.89	87.42	-55.80
	333	-1.93e-002	-0.89	-0.25	29.90	132.36	-24.10
	323	3.42e-002	-0.67	-0.28	-58.32	-96.32	-24.80
360	321	-5.96e-002	-0.55	-0.27	6.83	106.04	-104.89
	331	-6.70e-002	-0.74	-5.01e-002	-2.88	140.55	-106.78
	332	0.18	-0.73	-8.85e-002	-3.45	95.76	-73.51
	322	0.19	-0.54	-0.26	-24.51	77.27	-72.35
361	320	-1.67e-002	-0.30	-0.23	11.03	117.00	-165.79
	330	-1.30e-002	-0.47	-8.21e-002	-1.78	154.61	-167.25
	331	-5.60e-002	-0.47	-6.16e-002	-1.06	131.41	-125.36
	321	4.70e-002	-0.30	-0.21	7.80	107.53	-124.17
362	319	-7.36e-003	-0.14	-0.23	14.19	120.32	-238.63
	329	-9.82e-003	-0.20	-9.20e-002	-1.37	156.91	-239.14
	330	1.95e-002	-0.20	-0.11	-0.84	149.61	-190.41

	320	2.31e-002	-0.14	-0.24	11.02	118.20	-189.96
363	318	-1.07e-002	0.16	-0.24	14.10	118.55	-315.68
	328	-6.81e-003	0.24	-9.15e-002	-1.15	152.97	-315.63
	329	1.12e-002	0.24	-8.09e-002	-1.07	155.64	-264.50
	319	7.47e-003	0.16	-0.23	14.32	120.53	-264.56
364	317	-1.53e-002	0.35	-0.23	11.81	108.66	-391.55
	327	-4.25e-003	0.53	-8.04e-002	-0.82	138.97	-391.21
	328	1.44e-002	0.53	-9.19e-002	-9.98e-001	154.21	-341.38
	318	3.35e-003	0.35	-0.24	14.61	117.43	-341.73
365	316	-2.99e-002	0.56	-0.24	9.28	78.99	-460.20
	326	-1.69e-002	0.84	-0.11	0.82	100.63	-460.35
	327	1.69e-002	0.84	-9.06e-002	0.20	142.52	-416.14
	317	-2.37e-003	0.57	-0.23	13.63	104.46	-415.99
366	315	-6.17e-002	0.77	-0.19	10.54	-16.82	-508.63
	325	-6.56e-002	1.15	-5.11e-002	12.78	-24.81	-512.54
	326	1.65e-002	1.14	-8.82e-002	5.83	108.76	-484.27
	316	-1.93e-002	0.77	-0.23	15.39	64.13	-480.37
367	314	-0.21	1.02	-0.24	-7.23	-208.64	-483.76
	324	-0.19	1.39	-0.13	63.58	-355.38	-494.36
	325	-7.22e-002	1.40	-3.31e-002	29.22	42.96	-535.03
	315	-6.64e-002	1.03	-0.23	29.19	-62.47	-524.44
368	277	0.82	1.10	-0.28	572.74	-612.25	-146.89
	283	0.88	1.80	-0.52	-430.74	-1443.13	-169.15
	324	-0.19	1.74	-0.67	111.94	46.18	-443.02
	314	-0.20	1.05	-0.26	65.46	-366.04	-420.37
369	312	0.56	-1.03	-0.33	-28.02	56.62	-55.89
	322	0.60	-0.64	-0.39	-43.53	60.33	-56.28
	323	6.86e-002	-0.66	-0.75	18.52	-86.96	-28.26
	313	8.98e-002	-1.07	-1.24	-115.68	-84.73	-27.21
370	311	1.26e-002	-0.49	-0.23	-6.17	59.94	-99.76
	321	-1.93e-002	-0.55	-0.24	-19.76	90.43	-104.12
	322	0.60	-0.52	-0.62	-21.21	64.73	-72.36
	312	0.60	-0.45	-0.45	-42.81	44.44	-70.66
371	310	-7.68e-003	-0.15	-0.40	8.77	64.60	-162.94
	320	-6.72e-003	-0.30	-0.33	-6.38	98.38	-165.46
	321	2.76e-002	-0.29	-0.21	-6.88	91.79	-122.14
	311	3.48e-002	-0.15	-0.25	-9.03	60.21	-120.20
372	309	-6.92e-003	-6.92e-002	-0.30	11.84	65.79	-237.77
	319	-1.09e-002	-0.14	-0.28	1.57	101.11	-238.64
	320	8.33e-003	-0.14	-0.34	-1.40	99.96	-188.75
	310	1.24e-002	-6.81e-002	-0.36	8.87	64.76	-187.98
373	308	-7.27e-003	7.99e-002	-0.33	11.43	64.27	-316.03
	318	-3.29e-003	0.16	-0.31	1.17	99.70	-316.01
	319	6.71e-003	0.16	-0.28	0.44	101.41	-264.23
	309	1.99e-003	8.05e-002	-0.31	12.17	65.77	-264.27
374	307	-1.04e-002	0.18	-0.31	8.37	57.63	-392.34
	317	3.42e-003	0.35	-0.28	2.03	91.33	-391.91
	318	1.09e-002	0.35	-0.31	-0.70	98.35	-341.94
	308	-1.39e-003	0.18	-0.33	13.00	64.21	-342.37
375	306	-2.02e-002	0.28	-0.36	4.50	36.70	-458.23
	316	5.56e-003	0.57	-0.33	8.21	65.69	-459.01
	317	1.68e-002	0.57	-0.28	-2.24	86.27	-416.63
	307	-6.08e-003	0.28	-0.30	14.15	57.54	-415.85
376	305	-4.04e-002	0.40	-0.26	10.11	-26.02	-493.32
	315	2.41e-002	0.77	-0.21	42.54	-14.15	-503.16
	316	1.35e-002	0.77	-0.32	1.52	47.36	-481.10
	306	-1.31e-002	0.40	-0.40	24.71	36.11	-471.28

377	304	0.65	0.67	-0.48	60.86	-146.61	-438.32
	314	0.66	1.02	-0.60	194.56	-151.79	-485.19
	315	1.88e-002	1.03	-0.19	26.83	-83.12	-522.93
	305	-1.84e-002	0.70	-0.31	79.05	-43.24	-476.11
378	271	0.72	1.20	-1.26	685.53	-36.41	-108.38
	277	0.75	1.10	-0.79	-88.55	-456.52	-180.35
	314	0.66	1.05	-0.37	104.37	-321.10	-418.85
	304	0.61	1.15	-0.33	231.22	-371.73	-346.21
379	292	-0.49	-3.18e-002	-3.62	-10.12	20.76	72.17
	312	-0.56	-1.10	-0.45	-59.00	47.02	-55.83
	313	0.19	-1.06	-2.48	-34.89	-75.19	-29.16
	181	0.22	1.40e-002	-0.80	-177.67	-34.74	41.75
380	209	8.98e-003	5.84e-004	-0.27	1.81	10.05	-97.27
	311	-2.30e-002	-0.49	-0.29	-19.81	41.17	-99.42
	312	-0.52	-0.52	-0.95	-21.42	33.66	-70.13
	292	-0.49	-3.18e-002	-1.17	-17.50	5.22	-70.41
381	291	1.27e-002	8.24e-004	-0.49	2.90	9.84	-161.64
	310	-6.12e-003	-0.15	-0.46	-8.42	44.87	-162.84
	311	-4.53e-003	-0.16	-0.26	-10.72	43.29	-118.09
	209	8.98e-003	5.84e-004	-0.28	2.78	8.44	-117.21
382	208	-1.65e-003	-1.08e-004	-0.35	3.03	9.76	-237.28
	309	-5.13e-003	-6.92e-002	-0.33	-4.52	45.92	-237.70
	310	8.41e-003	-6.83e-002	-0.42	-5.73	45.59	-187.14
	291	1.27e-002	8.24e-004	-0.43	2.68	9.42	-186.77
383	288	-4.03e-003	-2.62e-004	-0.40	2.23	9.42	-315.86
	308	1.67e-003	8.05e-002	-0.38	-2.89	44.96	-315.90
	309	3.68e-003	8.06e-002	-0.34	-4.19	45.98	-264.10
	208	-1.65e-003	-1.08e-004	-0.36	3.41	9.68	-264.06
384	207	-7.21e-003	-4.68e-004	-0.36	-1.03	8.29	-391.43
	307	4.49e-003	0.18	-0.34	0.58	40.33	-391.40
	308	7.53e-003	0.18	-0.38	-4.42	44.68	-342.49
	288	-4.03e-003	-2.62e-004	-0.39	4.04	9.52	-342.51
385	287	-1.78e-002	-1.16e-003	-0.43	-9.00	5.00	-451.67
	306	8.40e-003	0.28	-0.41	11.93	25.04	-452.63
	307	1.16e-002	0.28	-0.34	-4.99	39.74	-416.21
	207	-7.21e-003	-4.68e-004	-0.35	5.79	8.49	-415.25
386	206	-4.12e-002	-2.68e-003	-0.31	-24.98	-3.80	-461.76
	305	-1.78e-002	0.40	-0.30	58.06	-21.99	-468.80
	306	1.30e-002	0.40	-0.46	0.96	24.22	-471.66
	287	-1.78e-002	-1.16e-003	-0.49	12.40	4.45	-464.63
387	284	-0.50	-3.27e-002	-1.18	-27.73	-15.35	-337.98
	304	-0.53	0.72	-0.98	210.63	-108.06	-371.66
	305	-2.82e-002	0.70	-0.40	35.95	-36.70	-471.68
	206	-4.12e-002	-2.68e-003	-0.29	36.53	-11.43	-437.97
388	176	0.96	6.27e-002	0.77	868.96	109.56	33.08
	271	0.99	1.20	-2.60	122.24	50.79	-158.02
	304	-0.57	1.22	-0.46	196.35	-297.60	-305.75
	284	-0.50	-3.27e-002	3.74	143.40	-118.18	-128.83
429	276	-0.20	1.36	-0.45	127.08	-113.44	125.07
	282	-0.20	1.70	-0.23	59.36	76.23	161.53
	283	0.88	1.76	0.21	-104.08	-463.45	94.61
	277	0.86	1.42	-0.28	365.99	-145.65	58.64
430	275	-7.52e-002	1.73	-0.52	80.72	-36.08	108.15
	281	6.83e-002	2.39	-0.12	16.65	22.64	119.12
	282	0.20	2.38	-0.21	43.43	-82.61	151.89
	276	-0.20	1.73	-0.58	82.34	-64.40	140.87
431	274	2.91e-002	2.06	-0.48	112.98	-4.17	35.27

	280	7.08e-002		3.04	-8.00e-002	11.98	56.86	26.42
	281	7.58e-002		3.04	-0.12	14.88	-8.06	88.60
	275	-5.16e-002		2.06	-0.53	76.59	-16.47	97.52
432	273	-0.11		2.35	-0.88	208.74	19.75	-66.19
	279	0.12		3.89	-0.48	72.85	64.58	-102.73
	280	0.13		3.90	-0.13	32.96	33.12	-21.00
	274	4.81e-002		2.36	-0.53	123.52	-21.56	17.44
433	272	0.87		1.44	-1.18	724.84	236.49	-20.89
	278	1.22		6.77	-2.23	108.99	-217.18	-143.38
	279	0.27		6.71	-2.04	134.43	254.58	-186.05
	273	-0.14		1.38	-0.98	286.77	-86.76	-60.85
434	270	0.55		1.18	-0.70	231.85	-204.98	53.47
	276	0.59		1.35	-0.65	168.76	-106.96	118.13
	277	0.79		1.41	-0.78	95.84	-79.46	45.47
	271	0.75		1.25	-1.27	553.88	159.51	-33.00
435	269	-4.99e-002		1.00	-0.51	109.01	-41.55	76.58
	275	6.53e-003		1.73	-0.58	87.00	-55.50	117.31
	276	0.59		1.73	-0.90	177.44	-47.83	122.14
	270	0.58		0.99	-0.76	154.73	-67.89	81.45
436	268	1.08e-002		1.05	-0.64	123.38	-29.09	83.59
	274	7.38e-002		2.06	-0.64	106.89	-15.72	67.43
	275	3.40e-002		2.06	-0.60	89.10	-24.29	85.42
	269	-4.76e-002		1.04	-0.58	87.67	-34.16	101.60
437	267	0.97		0.85	-0.80	314.63	-29.62	77.14
	273	1.07		2.42	-0.90	308.53	23.90	-16.91
	274	9.29e-002		2.36	-0.69	151.79	-51.35	20.97
	268	-1.47e-002		0.80	-0.58	161.59	-46.21	112.63
438	266	0.31		-0.69	0.42	889.50	436.54	80.68
	272	0.40		1.41	-0.59	312.16	276.45	-37.62
	273	1.01		1.44	-0.96	347.91	-87.47	-31.48
	267	0.91		-0.67	-0.55	403.79	-213.82	85.67
439	205	-0.45	-2.91e-002		-3.85	112.94	-95.03	-168.30
	270	-0.51	1.24		-0.88	246.07	-192.88	27.32
	271	1.02	1.26		-2.59	243.11	190.99	-21.23
	176	0.96	6.27e-002		-1.03	763.83	134.36	-179.84
440	204	-4.63e-002	-3.01e-003		-0.64	23.56	-12.13	58.41
	269	2.17e-002	1.01		-0.54	89.96	-35.29	86.73
	270	-0.47	1.02		-1.24	185.45	-58.26	26.03
	205	-0.45	-2.91e-002		-1.44	25.37	-1.59	-25.69
441	203	-5.09e-003	-3.31e-004		-0.84	8.85	-2.60	131.50
	268	6.84e-002	1.05		-0.81	113.04	-30.46	123.58
	269	2.57e-002	1.05		-0.59	90.19	-29.31	78.56
	204	-4.63e-002	-3.01e-003		-0.62	5.90	-6.32	86.51
442	202	0.19	1.23e-002		0.81	70.12	11.07	231.30
	267	0.23	0.81		-0.70	279.72	-42.59	177.23
	268	5.32e-002	0.80		-0.76	135.63	-36.07	110.48
	203	-5.09e-003	-3.31e-004		-0.66	35.03	-17.46	164.48
443	175	0.46	3.00e-002		1.20	1039.22	214.88	320.35
	266	0.44	-0.69		-0.99	472.82	418.66	54.57
	267	0.22	-0.71		0.54	419.91	-222.24	139.25
	202	0.19	1.23e-002		2.55	151.58	-117.21	405.81
600	158	-0.64	-0.34		1.18	209.40	-1168.77	907.37
	104	-0.85	-3.51		-7.54	-394.54	-432.40	991.54
	41	-0.23	-3.47		0.14	-962.75	-3920.61	-320.23
	116	-1.93e-002	-0.30		8.86	780.90	-481.12	-391.28
601	157	-8.63e-002	0.32		1.58	44.57	377.40	1171.60
	103	-0.23	-1.86		0.82	-37.73	619.95	1256.04

	104	-0.75	-1.90	-2.15	-46.80	-1052.99	1154.37
	158	-0.60	0.28	-1.38	47.99	-538.04	1071.09
602	156	-0.11	-1.10	0.65	-89.24	1380.85	860.10
	102	-0.17	-1.99	0.18	138.64	2234.15	966.06
	103	-0.24	-1.99	0.90	129.08	455.52	1241.77
	157	-0.18	-1.11	1.36	45.96	652.33	1132.72
603	155	-2.38	-0.11	1.37	-429.16	871.51	-1513.40
	1	-2.59	-3.47	2.30	454.16	6139.47	-1291.10
	102	-0.25	-3.32	1.23	615.70	1492.88	824.10
	156	-3.60e-002	4.69e-002	0.30	-397.42	2143.59	627.33
604	154	-1.71	-0.15	-0.36	207.84	-233.07	955.80
	158	-1.72	-0.41	3.54	161.85	-795.69	772.61
	116	-1.93e-002	-0.30	4.29	-75.28	-172.63	537.77
	115	-2.37e-003	-3.65e-002	0.39	100.29	-164.97	712.75
605	153	-0.41	-5.27e-002	0.67	72.81	334.46	993.68
	157	-0.39	0.30	1.21	-73.93	303.28	1199.47
	158	-1.68	0.21	0.99	284.97	-342.89	1103.91
	154	-1.71	-0.14	0.45	113.12	-193.43	901.37
606	152	-0.61	-1.10e-002	0.81	-157.25	704.78	710.62
	156	-0.68	-1.14	0.88	-318.28	1089.67	898.11
	157	-0.48	-1.13	0.99	76.13	676.83	1163.66
	153	-0.41	2.92e-003	0.91	-141.84	530.59	971.73
607	151	1.60e-002	-6.96e-002	9.32e-002	123.92	324.81	388.85
	155	1.99e-002	5.01e-002	-1.46e-002	373.89	383.25	-335.31
	156	-0.61	9.94e-003	0.54	-159.27	1525.14	425.78
	152	-0.61	-0.11	0.65	-219.56	684.29	770.65
608	150	0.78	0.30	3.54	66.98	-219.34	909.17
	154	0.76	1.37e-002	-0.22	115.74	-194.18	832.40
	115	-2.37e-003	-3.65e-002	0.38	19.36	-100.46	822.40
	114	1.63e-002	0.25	4.14	13.37	-73.09	901.00
609	149	-0.48	-0.92	1.35	-22.11	296.47	818.46
	153	-0.42	-5.32e-002	0.64	-47.85	349.90	914.56
	154	0.76	2.43e-002	0.59	112.16	-189.17	932.01
	150	0.70	-0.84	1.30	91.42	-153.32	833.88
610	148	1.69e-002	6.27e-002	0.54	-155.31	689.16	703.61
	152	1.49e-002	2.97e-002	0.70	-132.07	667.52	790.32
	153	-0.42	2.32e-003	0.88	-92.96	487.22	876.93
	149	-0.42	3.80e-002	0.72	-41.05	524.35	797.03
611	147	0.76	9.25e-002	-0.11	218.57	271.00	810.51
	151	0.75	-2.14e-002	0.27	129.86	213.59	581.78
	152	9.32e-003	-6.95e-002	0.53	-142.82	653.13	622.51
	148	1.58e-002	4.45e-002	0.15	-95.10	807.11	806.44
612	107	-7.19e-002	0.31	-5.88	-221.92	-142.46	832.95
	150	-7.56e-002	0.24	1.73	66.88	-318.25	874.26
	114	1.63e-002	0.25	8.60	217.32	-123.52	1063.41
	46	2.04e-002	0.31	0.99	-280.46	-1152.83	1008.09
613	106	-0.17	-6.01e-002	0.97	91.58	454.48	816.86
	149	-0.22	-0.90	1.66	-31.29	361.14	810.88
	150	-0.15	-0.89	-0.51	56.51	-166.96	845.61
	107	-9.34e-002	-5.71e-002	-1.19	-138.26	-242.48	851.94
614	105	-0.15	-0.25	0.38	365.61	1047.97	706.29
	148	-0.13	5.38e-002	0.56	-65.35	798.85	711.34
	149	-0.16	5.18e-002	1.03	62.00	482.22	790.46
	106	-0.18	-0.25	0.85	161.25	339.69	783.99
615	3	1.58	-0.48	0.75	-185.70	2794.71	1054.02
	147	1.62	0.15	-0.59	-59.99	395.17	1326.69
	148	-0.13	3.51e-002	0.18	-208.12	1113.79	728.86

	105	-0.17	-0.59	1.52	529.65	636.19	602.73
616	146	0.28	0.40	2.11	-22.68	-406.39	873.46
	107	0.28	0.33	-5.85	-182.60	-147.83	915.71
	46	2.04e-002	0.31	0.99	-394.82	-1185.74	750.93
	119	2.52e-002	0.39	8.95	302.50	-172.22	725.00
617	145	4.41e-002	0.65	1.87	72.72	380.07	925.90
	106	-4.87e-003	-5.37e-002	1.08	117.30	452.18	850.15
	107	0.25	-4.74e-002	-1.16	-101.03	-257.54	871.95
	146	0.30	0.67	-0.38	-55.63	-192.23	946.84
618	144	0.14	-0.31	1.01	266.45	857.99	773.37
	105	0.14	-0.23	0.57	349.17	1052.60	705.82
	106	-1.47e-002	-0.24	0.96	187.50	362.88	821.81
	145	-2.00e-002	-0.32	1.39	136.60	495.26	890.17
619	143	-2.57	-0.19	0.24	-76.53	521.91	-955.43
	3	-2.61	-0.75	1.32	332.40	2898.91	-745.56
	105	0.12	-0.58	1.71	491.47	579.59	722.91
	144	0.16	-1.33e-002	0.63	161.57	1388.77	649.13
620	142	-1.49	-8.64e-002	-0.24	116.32	-110.28	902.32
	146	-1.46	0.29	3.81	-46.20	-314.95	895.16
	119	2.52e-002	0.39	4.87	-63.44	-81.96	784.51
	118	9.02e-004	1.39e-002	0.83	60.96	-115.08	788.60
621	141	-8.52e-002	3.62e-002	0.75	45.93	-395.86	978.59
	145	-4.54e-002	0.65	1.58	36.33	-350.65	963.26
	146	-1.44	0.56	1.33	111.27	-164.28	950.97
	142	-1.48	-6.41e-002	0.51	-92.80	-116.78	966.97
622	140	-0.31	2.34e-002	1.29	72.03	771.96	790.05
	144	-0.33	-0.34	1.15	-123.72	750.45	779.42
	145	-0.11	-0.33	1.09	100.90	560.74	929.78
	141	-8.52e-002	3.50e-002	1.23	-29.65	561.71	939.28
623	139	-0.81	-3.06e-002	0.37	278.19	416.83	420.02
	143	-0.81	-7.30e-002	3.90e-002	167.56	317.14	535.13
	144	-0.31	-4.15e-002	0.78	142.04	1169.30	678.31
	140	-0.31	-7.78e-003	1.11	-144.49	810.17	642.68
624	138	1.25	-0.23	3.58	35.44	334.27	880.45
	142	1.27	9.34e-002	-0.22	-142.98	-96.30	913.33
	118	9.02e-004	1.39e-002	0.86	-79.68	-123.34	775.66
	117	-2.03e-002	-0.31	4.65	68.59	102.63	747.52
625	137	-0.14	-0.52	1.52	-58.70	-372.68	1005.77
	141	-0.11	3.48e-002	0.72	-65.51	-403.91	990.73
	142	1.27	0.12	0.53	81.16	-97.58	963.24
	138	1.23	-0.43	1.33	-154.28	85.71	976.82
626	136	0.20	0.43	1.22	-116.03	-910.96	832.24
	140	0.17	5.05e-002	1.32	-59.08	802.62	787.10
	141	-0.11	3.36e-002	1.19	30.91	-578.34	947.23
	137	-8.41e-002	0.42	1.09	-145.30	-629.14	993.36
627	135	0.73	0.10	5.16e-002	-240.90	-382.25	381.40
	139	0.73	6.96e-002	0.37	-335.85	-463.07	353.88
	140	0.17	3.40e-002	1.14	177.22	851.34	694.15
	136	0.17	6.59e-002	0.82	-191.09	-1510.36	577.15
628	110	-0.18	-0.46	-5.15	225.38	-88.43	905.31
	138	-0.17	-0.32	1.89	14.44	456.64	854.89
	117	-2.03e-002	-0.31	8.37	-378.59	216.05	634.79
	47	-2.92e-002	-0.45	1.34	487.52	1440.07	661.83
629	109	-0.26	7.89e-002	1.03	-195.96	-542.96	846.75
	137	-0.29	-0.53	1.83	-120.25	-444.35	958.71
	138	-0.19	-0.52	-0.37	24.98	112.46	958.83
	110	-0.15	8.42e-002	-1.17	103.38	222.84	848.46

630	108	-0.35	0.30	0.61	-489.09	-1394.04	730.00
	136	-0.34	0.40	1.10	-387.63	-1100.24	821.35
	137	-0.23	0.41	1.41	-205.34	-556.97	934.70
	109	-0.24	0.30	0.92	-302.52	-408.49	843.22
631	4	2.69	0.84	1.41	-227.96	-3871.07	681.58
	135	2.65	0.23	0.27	-50.74	-711.64	981.38
	136	-0.37	3.15e-002	0.71	-161.88	-1838.02	603.71
	108	-0.33	0.65	1.85	-726.33	-870.84	856.19
632	134	-0.43	-0.92	1.14	-198.11	159.06	816.05
	110	-0.40	-0.47	-5.23	318.17	66.87	758.10
	47	-2.92e-002	-0.45	1.61	274.14	1364.50	1017.64
	122	-5.85e-002	-0.90	7.97	-201.82	128.01	1089.42
633	133	-4.43e-002	1.03	1.74	13.79	-443.78	729.07
	109	-0.11	8.64e-002	0.94	-132.74	-570.39	755.84
	110	-0.36	7.40e-002	-1.26	203.35	239.02	801.80
	134	-0.30	1.01	-0.46	-169.06	65.06	774.59
634	132	-0.22	-5.14e-002	0.71	368.04	-851.54	756.41
	108	-0.20	0.31	0.43	-697.42	-1418.14	751.38
	109	-9.06e-002	0.31	0.84	-260.52	-365.39	734.78
	133	-0.11	-4.51e-002	1.12	19.42	-628.98	740.96
635	131	-2.08	-0.24	-0.66	-161.27	-500.22	1772.94
	4	-2.03	0.54	0.74	343.94	-3542.46	1407.12
	108	-0.18	0.66	1.67	-837.85	-1077.93	542.38
	132	-0.23	-0.12	0.27	523.42	-1095.02	828.55
636	130	-0.51	-3.29e-002	0.15	-48.72	72.98	819.39
	134	-0.56	-0.93	2.99	-50.10	60.37	858.13
	122	-5.85e-002	-0.90	3.36	-4.02	18.19	884.24
	121	3.52e-004	5.42e-003	0.51	-21.70	-21.78	844.69
637	129	0.26	-6.34e-002	0.79	74.72	-477.85	863.48
	133	0.34	1.05	1.51	57.07	-361.39	734.71
	134	-0.44	1.00	1.41	-64.66	-147.97	770.17
	130	-0.51	-0.11	0.68	-40.29	124.30	899.88
638	128	-0.24	-0.11	0.71	164.43	-670.52	831.43
	132	-0.24	-5.29e-002	0.65	107.87	-778.89	758.63
	133	0.27	-2.69e-002	0.89	38.40	-605.20	749.62
	129	0.26	-7.43e-002	0.95	137.70	-515.75	817.76
639	127	-0.63	-1.99e-002	0.25	-129.36	48.88	677.91
	131	-0.64	-0.15	-0.13	-239.05	-262.46	1024.39
	132	-0.25	-0.12	0.21	74.94	-681.06	966.75
	128	-0.24	7.97e-003	0.60	121.01	-663.29	636.00
640	126	1.23	1.01	3.07	-250.32	537.39	767.67
	130	1.17	7.62e-002	0.10	-48.11	64.50	935.83
	121	3.52e-004	5.42e-003	0.52	-65.16	55.14	743.96
	120	6.07e-002	0.93	3.51	23.10	86.76	582.07
641	125	0.42	-0.64	1.48	92.76	-421.46	1258.76
	129	0.46	-5.07e-002	0.85	-55.25	-425.28	968.69
	130	1.16	-5.17e-003	0.62	-17.14	129.54	859.39
	126	1.13	-0.59	1.25	-295.74	242.92	1145.25
642	124	0.73	0.91	0.81	381.29	-1420.09	837.51
	128	0.66	-4.82e-002	0.67	122.75	-738.81	641.91
	129	0.46	-6.16e-002	1.01	203.21	-602.34	977.20
	125	0.52	0.89	1.15	-40.29	-877.33	1176.78
643	123	9.44e-002	-0.24	-6.72e-002	-622.98	-388.12	-320.92
	127	0.11	2.92e-002	0.21	112.89	-138.18	425.10
	128	0.67	6.56e-002	0.55	89.85	-709.17	742.19
	124	0.65	-0.21	0.27	290.65	-1421.88	248.59
644	113	1.31	3.85	-6.53	784.46	930.07	1143.30

126	1.12	1.00	0.61	-584.05	1033.76	1035.81	
120	6.07e-002	0.93	8.14	-749.87	552.00	-529.80	
48	0.25	3.78	1.01	1002.69	4991.72	-430.87	
645	112	0.28	1.92	0.71	41.68	-940.65	1475.64
125	0.11	-0.66	1.77	50.19	-507.13	1308.31	
126	1.02	-0.60	-1.21	-345.29	477.50	1173.30	
113	1.19	1.97	-2.27	359.36	1357.61	1339.42	
646	111	0.39	2.03	0.15	-670.35	-3368.96	1020.59
124	0.32	0.88	0.69	683.72	-1746.29	832.07	
125	0.21	0.87	1.45	145.86	-1001.39	1239.49	
112	0.29	2.02	0.90	-220.30	-677.68	1431.54	
647	5	2.82	3.50	2.43	-354.59	-8349.57	-1855.84
123	2.58	-8.33e-002	1.17	355.79	-1116.30	-2123.76	
124	0.24	-0.24	0.16	1080.92	-2405.06	584.27	
111	0.48	3.35	1.42	-1221.60	-2905.41	836.59	

SPOSTAMENTI NODALI "Dinamica SLOh Y" (Fase 1)

Generato da analisi giovedì 11 febbraio 2016 alle ore 10:27:03.

Nodo	Tx	Ty	Tz	Rx	Ry	Rz
1	0.00	0.00	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.00	0.00	0.00	0.00
4	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00
21	0.00	0.00	0.00	0.00	0.00	0.00
22	0.00	0.00	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.00	0.00
24	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00
26	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.00
29	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00
31	0.00	0.00	0.00	0.00	0.00	0.00
32	0.00	0.00	0.00	0.00	0.00	0.00
33	0.00	0.00	0.00	0.00	0.00	0.00
34	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00
36	0.00	0.00	0.00	0.00	0.00	0.00
37	0.00	0.00	0.00	0.00	0.00	0.00
38	0.00	0.00	0.00	0.00	0.00	0.00
39	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00
41	-0.18	7.56e-003	-6.13e-003	-2.26e-004	-3.18e-004	3.56e-004
42	-0.18	0.22	-2.11e-003	-1.25e-003	5.59e-005	3.56e-004
43	0.00	0.00	0.00	0.00	0.00	0.00

44	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00
46	-7.83e-002	7.56e-003	-3.43e-004	-1.76e-004	-2.07e-004	3.56e-004
47	0.11	7.56e-003	3.92e-004	-1.60e-004	2.96e-004	3.56e-004
48	0.28	7.56e-003	6.37e-003	-2.02e-004	5.36e-004	3.56e-004
49	-7.83e-002	0.22	-4.77e-004	-1.38e-003	6.53e-005	3.56e-004
50	0.11	0.22	1.67e-003	-1.39e-003	5.96e-005	3.56e-004
51	0.28	0.22	2.43e-003	-1.33e-003	7.12e-005	3.56e-004
52	-0.18	0.42	-2.10e-002	-8.52e-004	-1.77e-004	3.56e-004
53	-7.83e-002	0.42	-6.02e-003	-6.43e-004	-1.33e-004	3.56e-004
54	0.11	0.42	4.27e-003	-6.03e-004	2.06e-004	3.56e-004
55	0.27	0.42	1.31e-002	-1.66e-003	2.63e-004	3.56e-004
56	0.26	0.70	1.55e-002	-1.19e-003	4.82e-004	3.56e-004
57	0.11	0.70	1.02e-002	-8.66e-004	3.77e-004	3.56e-004
58	-7.81e-002	0.70	-3.06e-002	-9.95e-004	-2.17e-004	3.56e-004
59	-0.71	0.75	-7.45e-003	-1.42e-003	-1.22e-003	4.44e-004
60	-0.71	0.66	-8.18e-003	-1.03e-003	-5.40e-004	4.44e-004
61	-0.71	0.61	-2.08e-002	-1.23e-003	-1.07e-003	4.44e-004
62	-0.52	0.75	9.69e-004	-7.71e-004	-1.64e-003	4.44e-004
63	-0.52	0.66	1.40e-003	-4.13e-004	-1.42e-003	4.44e-004
64	-0.52	0.61	1.02e-003	-6.64e-004	-1.61e-003	4.44e-004
65	-0.37	0.75	6.14e-003	-8.52e-004	-7.91e-004	4.44e-004
66	-0.37	0.66	4.41e-003	-5.37e-004	-4.25e-004	4.44e-004
67	-0.37	0.61	8.09e-003	-7.27e-004	-7.06e-004	4.44e-004
68	-0.22	0.75	-4.80e-003	-7.81e-004	-6.95e-004	4.44e-004
69	-0.22	0.66	-6.93e-003	-3.93e-004	-6.06e-004	4.44e-004
70	-0.22	0.61	-6.15e-003	-6.57e-004	-6.88e-004	4.44e-004
71	-0.18	0.75	3.60e-003	-6.78e-004	-1.83e-004	4.44e-004
72	-0.18	0.66	1.03e-002	-8.03e-004	8.49e-005	4.44e-004
73	-0.18	0.61	-5.03e-003	-6.46e-004	1.17e-004	4.44e-004
74	0.23	0.75	6.70e-003	-8.38e-004	2.06e-004	4.44e-004
75	0.23	0.66	2.65e-003	-1.87e-003	6.73e-005	4.44e-004
76	0.23	0.61	5.36e-003	-7.25e-004	9.49e-005	4.44e-004
77	0.41	0.75	8.75e-003	-1.62e-003	3.55e-004	4.44e-004
78	0.41	0.66	2.06e-003	-2.08e-003	1.24e-004	4.44e-004
79	0.41	0.61	8.76e-003	-1.28e-003	1.77e-004	4.44e-004
80	-0.18	0.59	-5.83e-004	-1.86e-003	-1.10e-004	4.44e-004
81	0.23	0.59	8.94e-004	-1.75e-003	1.38e-004	4.44e-004
82	0.41	0.59	8.85e-004	-1.88e-003	2.35e-004	4.44e-004
83	-0.25	0.68	-1.15e-002	-1.23e-003	-3.24e-004	4.44e-004
84	-0.25	0.83	-5.54e-003	-2.49e-003	8.32e-005	4.44e-004
85	-0.25	1.04	-4.71e-003	-2.51e-003	1.11e-004	4.44e-004
86	-0.18	0.68	3.98e-003	-1.23e-003	-1.25e-004	4.44e-004
87	0.23	0.68	-1.94e-003	-1.18e-003	1.40e-004	4.44e-004
88	0.41	0.68	8.91e-003	-1.19e-003	2.56e-004	4.44e-004
89	-0.18	0.83	-2.40e-004	-2.69e-003	9.57e-005	4.44e-004
90	0.23	0.83	3.57e-004	-2.62e-003	-8.02e-005	4.44e-004
91	0.41	0.83	5.23e-003	-2.44e-003	-1.02e-004	4.44e-004
92	-0.18	1.04	-1.01e-003	-2.53e-003	1.09e-004	4.44e-004
93	0.23	1.04	3.25e-003	-2.47e-003	1.10e-004	4.44e-004
94	0.41	1.04	5.40e-003	-2.53e-003	-9.58e-005	4.44e-004
95	-0.25	1.25	-3.84e-002	-1.61e-003	2.13e-004	4.44e-004
96	-0.18	1.25	-1.02e-002	-1.22e-003	1.14e-004	4.44e-004
97	0.23	1.25	7.53e-003	-9.91e-004	9.47e-005	4.44e-004
98	0.40	1.25	2.16e-002	-2.50e-003	-2.11e-004	4.44e-004
99	0.39	1.58	2.61e-002	-1.85e-003	-2.11e-004	4.44e-004
100	0.23	1.58	1.64e-002	-1.11e-003	-1.85e-004	4.44e-004
101	-0.18	1.58	-5.11e-002	-1.55e-003	1.84e-004	4.44e-004
102	-2.62e-002	1.60e-003	-1.91e-003	-6.04e-006	-4.50e-004	3.23e-005
103	-7.76e-002	2.99e-003	-3.06e-003	-2.29e-005	-5.94e-004	1.52e-004
104	-0.13	3.79e-003	-4.13e-003	4.41e-006	-5.67e-004	2.91e-004
105	-1.09e-002	2.06e-003	-3.38e-004	-1.23e-005	-1.80e-004	6.90e-005
106	-3.15e-002	3.65e-003	-4.76e-004	-1.96e-005	-2.43e-004	1.57e-004
107	-5.56e-002	4.79e-003	-4.96e-004	8.83e-007	-2.56e-004	2.55e-004
108	1.59e-002	2.23e-003	3.86e-004	-1.36e-005	2.67e-004	7.35e-005

109	4.63e-002	3.86e-003	5.72e-004	-1.99e-005	3.57e-004	1.64e-004
110	8.15e-002	4.84e-003	6.20e-004	3.14e-006	3.73e-004	2.60e-004
111	3.88e-002	1.86e-003	1.92e-003	-6.62e-006	6.88e-004	2.31e-005
112	0.12	3.26e-003	3.08e-003	-2.36e-005	9.18e-004	1.34e-004
113	0.21	3.80e-003	4.18e-003	6.98e-006	8.93e-004	2.91e-004
114	-9.41e-002	7.56e-003	-1.50e-003	9.43e-006	-2.79e-004	3.56e-004
115	-0.12	7.56e-003	-1.77e-003	-4.15e-005	-3.47e-004	3.56e-004
116	-0.15	7.56e-003	-2.32e-003	3.49e-006	-3.98e-004	3.56e-004
117	0.10	7.56e-003	-2.36e-004	1.05e-005	2.93e-004	3.56e-004
118	-8.23e-002	7.56e-003	1.20e-004	-4.04e-005	-2.63e-004	3.56e-004
119	-7.58e-002	7.56e-003	4.45e-004	1.34e-005	-2.38e-004	3.56e-004
120	0.23	7.56e-003	2.40e-003	-2.64e-006	6.70e-004	3.56e-004
121	0.19	7.56e-003	1.76e-003	-2.93e-005	5.78e-004	3.56e-004
122	0.15	7.56e-003	1.40e-003	2.10e-006	4.59e-004	3.56e-004
123	-6.55e-003	2.00e-003	1.89e-003	-9.60e-007	4.60e-004	4.04e-005
124	4.03e-002	2.06e-003	1.75e-003	-7.02e-007	5.67e-004	1.89e-005
125	0.10	3.39e-003	2.24e-003	-1.37e-005	7.03e-004	1.40e-004
126	0.17	4.61e-003	1.86e-003	1.00e-005	7.09e-004	2.89e-004
127	-7.78e-003	2.09e-003	1.85e-003	1.63e-006	4.45e-004	-8.51e-006
128	3.52e-002	2.58e-003	1.86e-003	-4.99e-006	4.80e-004	5.99e-005
129	8.40e-002	3.74e-003	1.81e-003	-9.60e-006	5.42e-004	1.56e-004
130	0.14	5.51e-003	1.76e-003	-2.20e-005	5.74e-004	2.61e-004
131	-5.13e-003	1.60e-003	1.41e-003	-8.17e-006	3.15e-004	-3.53e-005
132	2.64e-002	2.39e-003	1.34e-003	-1.17e-005	3.65e-004	8.54e-005
133	6.48e-002	3.95e-003	1.33e-003	-1.28e-005	4.38e-004	1.70e-004
134	0.11	5.13e-003	1.92e-003	1.26e-005	4.63e-004	2.55e-004
135	-1.97e-003	1.21e-003	-5.23e-005	-3.65e-006	1.19e-004	-1.76e-005
136	1.30e-002	2.06e-003	-6.21e-005	-1.09e-005	2.20e-004	4.35e-005
137	3.79e-002	3.74e-003	2.79e-004	-1.10e-005	2.98e-004	1.50e-004
138	6.74e-002	4.77e-003	-1.06e-004	1.41e-005	3.17e-004	2.66e-004
139	2.57e-003	1.54e-003	-6.46e-005	6.24e-006	-1.26e-004	-1.32e-005
140	-1.16e-002	2.13e-003	-7.25e-005	-7.06e-006	-1.82e-004	4.43e-005
141	-3.22e-002	3.69e-003	9.04e-005	-9.59e-006	-2.47e-004	1.46e-004
142	-5.71e-002	5.35e-003	1.12e-004	-2.13e-005	-2.69e-004	2.61e-004
143	1.58e-003	1.17e-003	5.57e-005	-3.93e-006	-9.94e-005	-2.10e-005
144	-1.04e-002	1.99e-003	-5.58e-005	-1.04e-005	-1.70e-004	5.12e-005
145	-2.97e-002	3.65e-003	-1.82e-004	-1.18e-005	-2.31e-004	1.49e-004
146	-5.28e-002	4.67e-003	2.29e-004	1.59e-005	-2.50e-004	2.61e-004
147	2.41e-003	9.76e-004	-1.19e-003	-1.22e-005	-1.73e-004	-2.40e-005
148	-1.58e-002	1.98e-003	-1.16e-003	-1.27e-005	-2.24e-004	7.17e-005
149	-4.00e-002	3.55e-003	-1.13e-003	-1.41e-005	-2.80e-004	1.56e-004
150	-6.73e-002	4.73e-003	-1.64e-003	1.19e-005	-2.91e-004	2.51e-004
151	3.92e-003	1.43e-003	-1.71e-003	1.11e-006	-2.49e-004	-1.12e-005
152	-2.12e-002	1.99e-003	-1.75e-003	-6.71e-006	-2.91e-004	5.43e-005
153	-5.17e-002	3.30e-003	-1.73e-003	-1.05e-005	-3.46e-004	1.53e-004
154	-8.54e-002	5.19e-003	-1.74e-003	-2.52e-005	-3.57e-004	2.62e-004
155	3.17e-003	1.44e-003	-1.72e-003	2.38e-006	-2.54e-004	2.25e-005
156	-2.46e-002	1.62e-003	-1.69e-003	-2.89e-006	-3.63e-004	2.91e-005
157	-6.43e-002	3.05e-003	-2.33e-003	-1.49e-005	-4.59e-004	1.50e-004
158	-0.11	4.16e-003	-2.14e-003	9.71e-006	-4.52e-004	2.89e-004
159	-1.25	1.46	-9.94e-003	-6.76e-004	5.37e-004	7.54e-004
160	-1.25	1.31	-1.09e-002	-6.41e-004	3.75e-004	7.54e-004
161	-1.25	1.23	-2.88e-002	-3.86e-004	5.62e-004	7.54e-004
162	-0.94	1.46	1.30e-003	-4.31e-004	6.87e-004	7.54e-004
163	-0.94	1.31	1.47e-003	-5.05e-004	8.26e-004	7.54e-004
164	-0.94	1.23	1.72e-003	-1.27e-004	6.84e-004	7.54e-004
165	-0.67	1.46	8.60e-003	-4.43e-004	2.47e-004	7.54e-004
166	-0.67	1.31	6.37e-003	-4.60e-004	1.56e-004	7.54e-004
167	-0.67	1.23	1.15e-002	-1.65e-004	2.45e-004	7.54e-004
168	-0.42	1.46	-6.43e-003	-4.09e-004	3.74e-004	7.54e-004
169	-0.42	1.31	-8.38e-003	-4.64e-004	3.82e-004	7.54e-004
170	-0.42	1.23	-9.05e-003	-1.04e-004	2.97e-004	7.54e-004
171	-0.32	1.46	4.98e-003	-3.87e-004	-1.31e-004	7.54e-004
172	-0.32	1.31	1.16e-002	-5.45e-004	6.54e-005	7.54e-004
173	-0.32	1.23	-9.85e-003	-2.35e-004	6.76e-005	7.54e-004

174	0.37	1.46	9.41e-003	-4.23e-004	1.15e-004	7.54e-004
175	0.37	1.31	4.99e-003	-7.13e-004	-4.39e-005	7.54e-004
176	0.37	1.23	9.12e-003	-4.11e-004	-8.26e-005	7.54e-004
177	0.65	1.46	1.24e-002	-7.15e-004	-1.52e-004	7.54e-004
178	0.65	1.31	3.55e-003	-9.67e-004	-7.63e-005	7.54e-004
179	0.65	1.23	1.18e-002	-7.74e-004	-9.03e-005	7.54e-004
180	-0.32	1.16	-8.99e-004	-1.00e-003	-4.37e-005	7.54e-004
181	0.37	1.16	1.74e-003	-1.67e-003	7.72e-005	7.54e-004
182	0.65	1.16	1.51e-003	-1.44e-003	-1.01e-004	7.54e-004
183	-0.47	1.27	-1.53e-002	-5.80e-004	1.36e-004	7.54e-004
184	-0.47	1.48	-5.47e-003	-1.40e-003	-8.46e-005	7.54e-004
185	-0.47	1.81	-6.66e-003	-1.54e-003	7.74e-005	7.54e-004
186	-0.32	1.27	2.17e-003	-4.14e-004	5.42e-005	7.54e-004
187	0.37	1.27	2.39e-003	-3.06e-004	-7.80e-005	7.54e-004
188	0.65	1.27	1.19e-002	-8.12e-004	-1.01e-004	7.54e-004
189	-0.32	1.48	-2.59e-004	-1.25e-003	-4.80e-005	7.54e-004
190	0.37	1.48	6.28e-004	-1.71e-003	8.14e-005	7.54e-004
191	0.65	1.48	5.00e-003	-2.20e-003	-1.15e-004	7.54e-004
192	-0.32	1.81	-1.58e-003	-1.51e-003	6.23e-005	7.54e-004
193	0.37	1.81	5.09e-003	-1.69e-003	-7.84e-005	7.54e-004
194	0.65	1.81	7.01e-003	-2.38e-003	-7.51e-005	7.54e-004
195	-0.47	2.14	-4.75e-002	-6.90e-004	1.41e-004	7.54e-004
196	-0.32	2.14	-1.55e-002	-5.40e-004	6.48e-005	7.54e-004
197	0.37	2.14	1.33e-002	-6.36e-004	-8.38e-005	7.54e-004
198	0.64	2.14	2.56e-002	-1.31e-003	-1.74e-004	7.54e-004
199	0.62	2.67	3.07e-002	-1.40e-003	-1.89e-004	7.54e-004
200	0.37	2.66	1.91e-002	-1.23e-003	-1.08e-004	7.54e-004
201	-0.32	2.67	-5.93e-002	-1.46e-003	1.28e-004	7.54e-004
202	0.37	1.29	7.17e-003	-4.50e-004	-3.46e-005	7.54e-004
203	0.37	1.27	8.56e-003	-3.42e-004	-2.09e-005	7.54e-004
204	0.37	1.26	9.26e-003	-2.84e-004	-1.51e-005	7.54e-004
205	0.37	1.24	9.48e-003	-2.73e-004	-4.27e-006	7.54e-004
206	0.37	1.20	8.79e-003	-6.10e-004	1.03e-005	7.54e-004
207	0.37	1.19	7.33e-003	-1.11e-003	1.38e-005	7.54e-004
208	0.37	1.17	5.41e-003	-1.48e-003	1.61e-005	7.54e-004
209	0.37	1.16	3.43e-003	-1.67e-003	1.55e-005	7.54e-004
210	0.37	1.17	1.23e-003	-1.71e-003	4.83e-006	7.54e-004
211	0.37	1.18	1.42e-003	-1.54e-003	4.10e-006	7.54e-004
212	0.37	1.21	2.06e-003	-1.15e-003	-4.05e-006	7.54e-004
213	0.37	1.23	2.60e-003	-5.91e-004	-4.90e-006	7.54e-004
214	0.37	1.30	2.27e-003	-4.92e-004	7.60e-006	7.54e-004
215	0.37	1.34	1.89e-003	-9.76e-004	4.00e-006	7.54e-004
216	0.37	1.39	1.48e-003	-1.37e-003	4.07e-006	7.54e-004
217	0.37	1.43	1.09e-003	-1.62e-003	6.55e-006	7.54e-004
218	0.37	1.54	6.66e-004	-1.95e-003	-2.66e-006	7.54e-004
219	0.37	1.61	1.48e-003	-2.08e-003	-7.44e-006	7.54e-004
220	0.37	1.67	2.73e-003	-2.03e-003	-9.64e-006	7.54e-004
221	0.37	1.74	4.06e-003	-1.82e-003	-1.05e-005	7.54e-004
222	0.37	1.87	6.75e-003	-1.45e-003	-1.51e-005	7.54e-004
223	0.37	1.94	8.67e-003	-1.25e-003	-1.70e-005	7.54e-004
224	0.37	2.00	1.07e-002	-9.78e-004	-1.65e-005	7.54e-004
225	0.37	2.07	1.25e-002	-6.44e-004	-1.45e-005	7.54e-004
226	0.37	2.24	1.52e-002	-8.73e-004	-1.08e-005	7.54e-004
227	0.37	2.34	1.67e-002	-1.35e-003	-1.06e-005	7.54e-004
228	0.37	2.45	1.81e-002	-1.58e-003	-8.46e-006	7.54e-004
229	0.37	2.56	1.90e-002	-1.52e-003	-9.06e-006	7.54e-004
230	0.37	2.01	9.67e-003	-1.13e-003	-1.74e-005	7.05e-004
231	0.37	2.03	1.07e-002	-9.77e-004	-1.66e-005	6.96e-004
232	0.37	2.06	1.16e-002	-8.09e-004	-1.61e-005	6.90e-004
233	0.37	2.09	1.24e-002	-6.34e-004	-1.42e-005	6.96e-004
234	0.37	2.12	1.33e-002	-4.84e-004	-1.60e-005	7.30e-004
235	0.37	2.16	1.36e-002	-4.25e-004	-1.43e-005	7.70e-004
236	0.37	1.94	5.91e-003	-1.44e-003	-1.38e-005	7.14e-004
237	0.37	1.97	6.76e-003	-1.41e-003	-1.58e-005	7.10e-004
238	0.37	1.99	7.68e-003	-1.35e-003	-1.71e-005	6.98e-004

239	0.37	2.02	8.67e-003	-1.25e-003	-1.74e-005	6.81e-004
240	0.37	2.04	9.67e-003	-1.12e-003	-1.75e-005	6.64e-004
241	0.37	2.07	1.07e-002	-9.76e-004	-1.68e-005	6.48e-004
242	0.37	2.09	1.16e-002	-8.06e-004	-1.62e-005	6.37e-004
243	0.37	2.11	1.24e-002	-6.18e-004	-1.47e-005	6.38e-004
244	0.37	2.14	1.33e-002	-4.19e-004	-1.67e-005	6.73e-004
245	0.37	2.17	1.39e-002	-2.97e-004	-1.47e-005	7.85e-004
246	0.37	1.99	5.93e-003	-1.41e-003	-1.50e-005	7.28e-004
247	0.37	2.01	6.76e-003	-1.40e-003	-1.71e-005	7.05e-004
248	0.36	2.04	7.68e-003	-1.34e-003	-1.79e-005	6.80e-004
249	0.36	2.06	8.67e-003	-1.25e-003	-1.86e-005	6.55e-004
250	0.36	2.08	9.67e-003	-1.12e-003	-1.87e-005	-6.33e-004
251	0.36	2.10	1.07e-002	-9.76e-004	-1.79e-005	-6.13e-004
252	0.36	2.12	1.16e-002	-8.04e-004	-1.69e-005	-5.99e-004
253	0.37	2.13	1.24e-002	-6.09e-004	-1.51e-005	-5.94e-004
254	0.37	2.15	1.32e-002	-3.94e-004	-1.52e-005	-6.20e-004
255	0.37	2.18	1.42e-002	-2.30e-004	-3.12e-005	7.98e-004
256	0.37	2.19	1.41e-002	-5.09e-004	-1.86e-005	8.18e-004
257	0.37	2.23	1.47e-002	-6.78e-004	-1.02e-005	8.59e-004
258	0.37	2.27	1.52e-002	-8.71e-004	-1.06e-005	8.66e-004
259	0.37	2.31	1.57e-002	-1.05e-003	-1.02e-005	8.57e-004
260	0.37	2.35	1.62e-002	-1.22e-003	-1.08e-005	8.43e-004
261	0.37	2.39	1.67e-002	-1.35e-003	-1.07e-005	8.26e-004
262	0.37	2.43	1.72e-002	-1.46e-003	-1.04e-005	8.09e-004
263	0.37	2.47	1.77e-002	-1.53e-003	-9.58e-006	7.91e-004
264	0.37	2.50	1.81e-002	-1.58e-003	-8.53e-006	7.73e-004
265	0.37	2.54	1.85e-002	-1.59e-003	-7.74e-006	7.54e-004
266	0.37	1.33	5.09e-003	-4.40e-004	-4.43e-005	7.73e-004
267	0.37	1.31	7.19e-003	-3.86e-004	-3.77e-005	7.90e-004
268	0.37	1.29	8.56e-003	-3.21e-004	-2.11e-005	7.76e-004
269	0.37	1.27	9.25e-003	-2.69e-004	-1.39e-005	7.68e-004
270	0.37	1.25	9.46e-003	-2.34e-004	-7.74e-006	7.59e-004
271	0.37	1.24	9.32e-003	-2.27e-004	-9.22e-006	7.55e-004
272	0.37	1.34	5.15e-003	-2.40e-004	-6.53e-005	7.83e-004
273	0.37	1.32	7.38e-003	-2.72e-004	-3.13e-005	7.94e-004
274	0.37	1.30	8.54e-003	-2.81e-004	-2.26e-005	7.88e-004
275	0.37	1.28	9.23e-003	-2.42e-004	-1.28e-005	7.85e-004
276	0.37	1.26	9.45e-003	-1.73e-004	-6.17e-006	7.76e-004
277	0.37	1.25	9.46e-003	-1.15e-004	-5.17e-006	7.58e-004
278	0.37	1.35	5.32e-003	-9.00e-005	-8.89e-005	7.87e-004
279	0.37	1.33	7.34e-003	-2.22e-004	-2.74e-005	7.77e-004
280	0.37	1.31	8.52e-003	-2.60e-004	-1.70e-005	7.90e-004
281	0.37	1.28	9.19e-003	-2.28e-004	-7.82e-006	8.02e-004
282	0.37	1.26	9.43e-003	-1.49e-004	-3.69e-006	8.00e-004
283	0.37	1.25	9.62e-003	-5.73e-005	-8.88e-006	7.65e-004
284	0.37	1.22	9.23e-003	-3.90e-004	4.45e-006	7.54e-004
285	0.37	2.57	1.87e-002	-1.57e-003	-8.01e-006	7.36e-004
286	0.37	2.61	1.90e-002	-1.52e-003	-9.14e-006	7.20e-004
287	0.37	1.19	8.14e-003	-8.72e-004	1.13e-005	7.54e-004
288	0.37	1.18	6.40e-003	-1.32e-003	1.54e-005	7.54e-004
289	0.37	2.64	1.91e-002	-1.44e-003	-1.62e-005	7.10e-004
290	0.37	2.68	1.92e-002	-1.37e-003	-8.70e-006	7.12e-004
291	0.37	1.17	4.40e-003	-1.60e-003	1.63e-005	7.54e-004
292	0.37	1.16	2.53e-003	-1.69e-003	1.40e-005	7.54e-004
293	0.37	2.71	1.91e-002	-1.33e-003	-2.80e-005	7.55e-004
294	0.37	1.17	1.41e-003	-1.72e-003	6.69e-006	7.54e-004
295	0.37	2.21	1.42e-002	-4.42e-004	-8.12e-006	9.28e-004
296	0.37	2.25	1.47e-002	-6.60e-004	-1.00e-005	9.83e-004
297	0.37	1.18	1.24e-003	-1.65e-003	4.85e-006	7.54e-004
298	0.37	1.19	1.72e-003	-1.37e-003	-4.81e-006	7.54e-004
299	0.37	2.30	1.52e-002	-8.66e-004	-1.04e-005	9.85e-004
300	0.37	2.35	1.57e-002	-1.05e-003	-1.04e-005	9.64e-004
301	0.37	1.22	2.38e-003	-8.86e-004	-4.23e-006	7.54e-004
302	0.37	1.25	2.72e-003	-3.25e-004	-4.43e-006	7.54e-004
303	0.37	2.39	1.62e-002	-1.22e-003	-1.09e-005	9.33e-004

304	0.37	1.23	9.22e-003	-3.53e-004	8.54e-006	7.41e-004
305	0.37	1.23	8.78e-003	-6.03e-004	9.64e-006	7.39e-004
306	0.37	1.22	8.14e-003	-8.71e-004	1.15e-005	7.43e-004
307	0.37	1.22	7.33e-003	-1.12e-003	1.40e-005	7.47e-004
308	0.37	1.22	6.40e-003	-1.32e-003	1.56e-005	7.53e-004
309	0.37	1.22	5.41e-003	-1.48e-003	1.63e-005	7.59e-004
310	0.37	1.22	4.40e-003	-1.60e-003	1.64e-005	7.65e-004
311	0.37	1.22	3.43e-003	-1.67e-003	1.54e-005	7.71e-004
312	0.37	1.22	2.53e-003	-1.70e-003	1.78e-005	7.74e-004
313	0.37	1.22	1.79e-003	-1.71e-003	1.13e-005	7.59e-004
314	0.37	1.24	9.24e-003	-3.00e-004	8.51e-006	7.45e-004
315	0.37	1.25	8.77e-003	-5.92e-004	8.97e-006	7.61e-004
316	0.37	1.26	8.13e-003	-8.70e-004	1.19e-005	7.66e-004
317	0.37	1.26	7.32e-003	-1.12e-003	1.42e-005	7.67e-004
318	0.37	1.27	6.40e-003	-1.32e-003	1.59e-005	7.69e-004
319	0.37	1.28	5.41e-003	-1.48e-003	1.66e-005	7.74e-004
320	0.37	1.28	4.40e-003	-1.60e-003	1.66e-005	7.81e-004
321	0.37	1.28	3.43e-003	-1.67e-003	1.54e-005	7.89e-004
322	0.37	1.28	2.53e-003	-1.71e-003	1.43e-005	7.90e-004
323	0.37	1.28	1.81e-003	-1.72e-003	1.04e-005	7.63e-004
324	0.37	1.25	9.21e-003	-2.80e-004	7.99e-006	7.82e-004
325	0.37	1.27	8.76e-003	-5.87e-004	9.63e-006	8.21e-004
326	0.37	1.29	8.12e-003	-8.70e-004	1.34e-005	8.22e-004
327	0.37	1.30	7.31e-003	-1.12e-003	1.57e-005	8.10e-004
328	0.37	1.32	6.39e-003	-1.32e-003	1.75e-005	8.01e-004
329	0.37	1.33	5.41e-003	-1.48e-003	1.82e-005	7.97e-004
330	0.37	1.33	4.40e-003	-1.60e-003	1.81e-005	8.00e-004
331	0.37	1.34	3.43e-003	-1.67e-003	1.71e-005	8.05e-004
332	0.37	1.34	2.54e-003	-1.71e-003	1.54e-005	8.03e-004
333	0.37	1.34	1.82e-003	-1.73e-003	1.05e-005	7.67e-004
334	0.37	1.22	1.44e-003	-1.72e-003	1.35e-005	7.50e-004
335	0.37	1.23	1.23e-003	-1.71e-003	4.43e-006	7.54e-004
336	0.37	1.23	1.24e-003	-1.65e-003	4.72e-006	7.62e-004
337	0.37	1.23	1.42e-003	-1.54e-003	-4.33e-006	7.69e-004
338	0.37	1.24	1.72e-003	-1.37e-003	-5.00e-006	7.77e-004
339	0.37	1.24	2.05e-003	-1.15e-003	-4.30e-006	7.85e-004
340	0.37	1.25	2.38e-003	-8.86e-004	-4.21e-006	7.91e-004
341	0.37	1.25	2.60e-003	-5.88e-004	-4.27e-006	-7.95e-004
342	0.37	1.26	2.79e-003	-3.05e-004	-9.53e-006	7.90e-004
343	0.37	1.28	2.56e-003	-1.64e-004	-9.10e-006	7.69e-004
344	0.37	1.28	1.41e-003	-1.73e-003	6.46e-006	7.49e-004
345	0.37	1.29	1.23e-003	-1.71e-003	4.35e-006	7.56e-004
346	0.37	1.29	1.24e-003	-1.65e-003	4.59e-006	7.72e-004
347	0.37	1.29	1.42e-003	-1.54e-003	-4.62e-006	7.92e-004
348	0.37	1.28	1.72e-003	-1.37e-003	-5.09e-006	-8.13e-004
349	0.37	1.28	2.05e-003	-1.15e-003	-4.56e-006	-8.36e-004
350	0.37	1.28	2.37e-003	-8.86e-004	-4.19e-006	-8.56e-004
351	0.37	1.27	2.59e-003	-5.84e-004	-4.04e-006	-8.65e-004
352	0.37	1.27	2.74e-003	-2.73e-004	-4.94e-006	-8.43e-004
353	0.37	1.28	2.70e-003	-6.37e-005	-8.15e-006	7.83e-004
354	0.37	1.34	1.41e-003	-1.73e-003	6.05e-006	7.50e-004
355	0.37	1.34	1.24e-003	-1.72e-003	5.14e-006	7.61e-004
356	0.37	1.34	1.25e-003	-1.65e-003	5.23e-006	7.86e-004
357	0.37	1.34	1.43e-003	-1.54e-003	-5.91e-006	-8.21e-004
358	0.37	1.33	1.72e-003	-1.37e-003	-6.42e-006	-8.61e-004
359	0.37	1.32	2.05e-003	-1.15e-003	-5.92e-006	-9.03e-004
360	0.37	1.30	2.37e-003	-8.86e-004	-5.11e-006	-9.40e-004
361	0.37	1.29	2.59e-003	-5.82e-004	-4.08e-006	-9.57e-004
362	0.37	1.28	2.69e-003	-2.59e-004	-4.33e-006	-9.11e-004
363	0.37	1.28	2.88e-003	1.96e-005	-1.80e-005	7.89e-004
364	0.37	1.29	2.42e-003	-2.93e-004	-3.86e-006	7.54e-004
365	0.37	2.44	1.67e-002	-1.35e-003	-1.09e-005	9.00e-004
366	0.37	2.48	1.72e-002	-1.46e-003	-1.05e-005	8.64e-004
367	0.37	1.32	2.08e-003	-7.38e-004	3.56e-006	7.54e-004
368	0.37	1.37	1.69e-003	-1.19e-003	3.93e-006	7.54e-004

369	0.37	2.52	1.77e-002	-1.53e-003	-9.72e-006	8.28e-004
370	0.37	2.56	1.81e-002	-1.57e-003	-8.65e-006	7.91e-004
371	0.37	1.41	1.29e-003	-1.51e-003	3.83e-006	7.54e-004
372	0.37	1.46	9.20e-004	-1.69e-003	3.19e-006	7.54e-004
373	0.37	2.59	1.85e-002	-1.59e-003	-7.77e-006	7.54e-004
374	0.37	2.63	1.87e-002	-1.57e-003	-7.86e-006	7.19e-004
375	0.37	1.51	5.25e-004	-1.83e-003	2.64e-006	7.54e-004
376	0.37	1.57	9.77e-004	-2.04e-003	-6.84e-006	7.54e-004
377	0.37	2.66	1.90e-002	-1.52e-003	-9.25e-006	6.87e-004
378	0.37	2.69	1.91e-002	-1.44e-003	-1.39e-005	6.66e-004
379	0.37	1.64	2.07e-003	-2.08e-003	-9.26e-006	7.54e-004
380	0.37	1.70	3.41e-003	-1.94e-003	-1.11e-005	7.54e-004
381	0.37	2.72	1.91e-002	-1.35e-003	-1.52e-005	6.77e-004
382	0.37	2.76	1.91e-002	-1.28e-003	-1.94e-005	7.62e-004
383	0.37	1.77	4.71e-003	-1.71e-003	-1.28e-005	7.54e-004
384	0.37	1.30	2.38e-003	-2.61e-004	-8.41e-006	7.98e-004
385	0.37	1.32	2.27e-003	-4.86e-004	6.75e-006	8.21e-004
386	0.37	1.35	2.08e-003	-7.38e-004	3.65e-006	8.27e-004
387	0.37	1.38	1.89e-003	-9.77e-004	3.98e-006	8.24e-004
388	0.37	1.40	1.69e-003	-1.19e-003	3.98e-006	8.18e-004
389	0.37	1.43	1.48e-003	-1.37e-003	4.08e-006	8.10e-004
390	0.37	1.46	1.29e-003	-1.52e-003	3.87e-006	8.02e-004
391	0.37	1.49	1.09e-003	-1.63e-003	5.79e-006	7.93e-004
392	0.37	1.52	9.92e-004	-1.70e-003	1.01e-005	7.83e-004
393	0.37	1.54	6.37e-004	-1.75e-003	6.11e-006	7.79e-004
394	0.37	1.30	2.45e-003	-2.17e-004	6.57e-006	8.72e-004
395	0.37	1.34	2.27e-003	-4.78e-004	5.37e-006	9.17e-004
396	0.37	1.37	2.08e-003	-7.37e-004	3.82e-006	9.22e-004
397	0.37	1.41	1.89e-003	-9.77e-004	3.94e-006	9.11e-004
398	0.37	1.44	1.69e-003	-1.19e-003	4.05e-006	8.94e-004
399	0.37	1.48	1.48e-003	-1.37e-003	4.09e-006	8.75e-004
400	0.37	1.51	1.29e-003	-1.52e-003	3.95e-006	8.56e-004
401	0.37	1.54	1.08e-003	-1.63e-003	4.23e-006	8.37e-004
402	0.37	1.57	8.93e-004	-1.72e-003	4.12e-006	8.17e-004
403	0.37	1.60	6.41e-004	-1.77e-003	2.59e-006	8.02e-004
404	0.37	1.31	2.45e-003	-1.99e-004	5.65e-006	9.63e-004
405	0.37	1.35	2.26e-003	-4.74e-004	4.03e-006	1.03e-003
406	0.37	1.40	2.08e-003	-7.38e-004	4.01e-006	1.03e-003
407	0.37	1.44	1.89e-003	-9.78e-004	4.23e-006	1.01e-003
408	0.37	1.48	1.68e-003	-1.19e-003	4.55e-006	9.81e-004
409	0.37	1.52	1.48e-003	-1.37e-003	4.57e-006	9.48e-004
410	0.37	1.56	1.29e-003	-1.52e-003	4.41e-006	9.15e-004
411	0.37	1.60	1.09e-003	-1.63e-003	4.04e-006	8.84e-004
412	0.37	1.63	8.68e-004	-1.72e-003	4.20e-006	8.53e-004
413	0.37	1.66	6.45e-004	-1.78e-003	2.52e-006	8.19e-004
414	0.37	1.57	4.79e-004	-1.84e-003	1.31e-005	8.04e-004
415	0.37	1.61	6.65e-004	-1.95e-003	-2.39e-006	8.03e-004
416	0.37	1.64	9.80e-004	-2.04e-003	-6.69e-006	7.94e-004
417	0.37	1.67	1.48e-003	-2.08e-003	-7.63e-006	7.83e-004
418	0.37	1.71	2.07e-003	-2.08e-003	-9.38e-006	7.72e-004
419	0.37	1.74	2.73e-003	-2.03e-003	-9.78e-006	7.60e-004
420	0.37	1.77	3.41e-003	-1.94e-003	-1.10e-005	7.50e-004
421	0.37	1.80	4.06e-003	-1.82e-003	-1.05e-005	7.45e-004
422	0.37	1.83	4.80e-003	-1.68e-003	-1.77e-005	7.49e-004
423	0.37	1.86	5.21e-003	-1.58e-003	-1.44e-005	7.39e-004
424	0.37	1.63	5.25e-004	-1.86e-003	1.65e-006	8.54e-004
425	0.37	1.67	6.76e-004	-1.96e-003	-2.83e-006	8.53e-004
426	0.37	1.71	9.85e-004	-2.04e-003	-6.53e-006	8.35e-004
427	0.37	1.74	1.48e-003	-2.08e-003	-7.92e-006	8.12e-004
428	0.37	1.77	2.07e-003	-2.08e-003	-9.44e-006	7.90e-004
429	0.37	1.80	2.73e-003	-2.03e-003	-1.00e-005	7.69e-004
430	0.37	1.83	3.41e-003	-1.94e-003	-1.09e-005	7.52e-004
431	0.37	1.86	4.05e-003	-1.80e-003	-1.10e-005	7.38e-004
432	0.37	1.88	4.73e-003	-1.62e-003	-1.24e-005	7.32e-004
433	0.37	1.91	5.30e-003	-1.46e-003	-1.54e-005	7.26e-004

434	0.37	1.70	5.56e-004	-1.86e-003	1.68e-006	8.99e-004
435	0.37	1.74	6.74e-004	-1.96e-003	-5.17e-006	9.01e-004
436	0.37	1.77	9.94e-004	-2.04e-003	-7.19e-006	8.74e-004
437	0.37	1.81	1.48e-003	-2.08e-003	-9.07e-006	8.41e-004
438	0.36	1.84	2.08e-003	-2.08e-003	-1.05e-005	8.09e-004
439	0.36	1.87	2.73e-003	-2.03e-003	-1.09e-005	7.81e-004
440	0.37	1.90	3.40e-003	-1.94e-003	-1.13e-005	7.57e-004
441	0.37	1.92	4.05e-003	-1.80e-003	-1.17e-005	-7.37e-004
442	0.37	1.94	4.68e-003	-1.60e-003	-1.21e-005	-7.16e-004
443	0.37	1.96	5.40e-003	-1.30e-003	-2.69e-005	7.16e-004
444	0.37	1.84	5.88e-003	-1.55e-003	-1.61e-005	7.54e-004
445	0.37	1.90	7.68e-003	-1.35e-003	-1.72e-005	7.54e-004
446	0.37	1.97	9.67e-003	-1.13e-003	-1.73e-005	7.54e-004
447	0.37	2.04	1.16e-002	-8.11e-004	-1.60e-005	7.54e-004
448	0.37	2.10	1.32e-002	-5.28e-004	-1.42e-005	7.54e-004
449	0.37	2.22	1.42e-002	-4.17e-004	-9.39e-006	1.05e-003
450	0.37	2.27	1.47e-002	-6.52e-004	-1.06e-005	1.12e-003
451	0.37	2.33	1.52e-002	-8.64e-004	-1.06e-005	1.11e-003
452	0.36	2.38	1.57e-002	-1.05e-003	-1.13e-005	1.07e-003
453	0.36	2.43	1.62e-002	-1.22e-003	-1.18e-005	1.03e-003
454	0.37	2.17	1.42e-002	-5.55e-004	-1.22e-005	7.54e-004
455	0.37	2.21	1.47e-002	-6.89e-004	-1.01e-005	7.54e-004
456	0.36	2.48	1.67e-002	-1.35e-003	-1.19e-005	9.74e-004
457	0.36	2.53	1.72e-002	-1.46e-003	-1.15e-005	9.20e-004
458	0.36	2.57	1.77e-002	-1.53e-003	-1.06e-005	8.65e-004
459	0.37	2.61	1.81e-002	-1.57e-003	-9.39e-006	8.09e-004
460	0.37	2.27	1.57e-002	-1.06e-003	-1.01e-005	7.54e-004
461	0.37	2.31	1.62e-002	-1.22e-003	-1.08e-005	7.54e-004
462	0.37	2.38	1.72e-002	-1.46e-003	-1.03e-005	7.54e-004
463	0.37	2.41	1.77e-002	-1.53e-003	-9.49e-006	7.54e-004
464	0.37	2.65	1.84e-002	-1.59e-003	-8.14e-006	7.54e-004
465	0.37	2.68	1.87e-002	-1.57e-003	-7.57e-006	7.01e-004
466	0.37	2.71	1.89e-002	-1.52e-003	-8.82e-006	6.54e-004
467	0.37	2.74	1.91e-002	-1.44e-003	-1.21e-005	6.20e-004
468	0.37	2.48	1.85e-002	-1.59e-003	-7.73e-006	7.54e-004
469	0.37	2.52	1.87e-002	-1.57e-003	-8.09e-006	7.54e-004
470	0.37	2.59	1.91e-002	-1.45e-003	-1.72e-005	7.54e-004
471	0.37	2.63	1.92e-002	-1.37e-003	-1.31e-005	7.54e-004
472	0.37	2.77	1.91e-002	-1.33e-003	-1.59e-005	6.20e-004
473	0.37	2.80	1.91e-002	-1.10e-003	-3.31e-005	7.74e-004
474	0.37	1.89	5.82e-003	-1.51e-003	-2.15e-005	7.20e-004
475	0.37	1.92	6.75e-003	-1.43e-003	-1.53e-005	7.26e-004
476	0.37	1.95	7.68e-003	-1.35e-003	-1.72e-005	7.23e-004
477	0.37	1.98	8.67e-003	-1.25e-003	-1.71e-005	7.15e-004
478	0.70	1.26	1.30e-002	6.58e-005	-5.15e-005	8.84e-004
479	0.70	1.57	1.72e-003	-1.60e-003	-3.29e-005	7.05e-004
480	0.70	1.29	1.33e-002	2.09e-004	-4.79e-005	1.11e-003
481	0.69	2.15	4.98e-003	-3.52e-003	-3.78e-005	1.50e-003
482	0.69	2.48	7.41e-003	-3.45e-003	-7.39e-005	-1.13e-003
483	0.69	2.22	2.80e-002	1.24e-004	-7.11e-005	7.54e-004
484	0.67	2.81	3.22e-002	9.74e-005	-7.74e-005	8.65e-004
485	-0.48	1.28	-1.61e-002	6.50e-005	4.12e-005	8.25e-004
486	-0.48	1.69	-5.46e-003	-1.27e-003	-2.17e-005	8.78e-004
487	-0.48	2.00	-7.21e-003	-1.03e-003	6.36e-005	6.82e-004
488	0.37	2.09	6.15e-003	-3.44e-004	-4.26e-005	6.87e-004
489	0.37	2.23	1.45e-002	-3.14e-004	-2.66e-005	7.63e-004
490	0.37	2.95	1.99e-002	-5.87e-004	-3.92e-005	8.40e-004
491	0.35	2.95	-6.05e-002	-4.98e-004	5.08e-005	8.45e-004
492	0.35	2.23	-1.55e-002	-9.98e-005	4.23e-005	7.58e-004
493	-0.49	2.09	-7.56e-003	-4.41e-004	9.87e-005	6.65e-004
494	0.35	2.09	-1.92e-003	-2.33e-004	5.80e-005	7.17e-004
495	-0.49	2.23	-5.03e-002	-4.93e-004	8.65e-005	6.59e-004
496	0.70	1.56	1.37e-002	-9.15e-005	-7.09e-005	7.58e-004
497	0.70	1.45	4.06e-003	-2.15e-004	-4.19e-005	-8.91e-004
498	-1.27	1.58	-1.02e-002	-1.64e-004	6.96e-005	6.97e-004

499	-1.08	1.58	1.40e-003	-1.12e-004	3.74e-004	7.81e-004
500	-0.69	1.57	9.26e-003	-1.00e-004	1.74e-005	8.83e-004
501	-0.50	1.57	-6.45e-003	-9.17e-005	4.23e-004	7.36e-004
502	0.40	1.57	4.88e-003	-1.01e-004	5.03e-004	8.46e-004
503	0.42	1.56	9.68e-003	-9.66e-005	3.86e-004	8.49e-004
504	-1.27	1.35	-1.12e-002	-2.42e-004	4.87e-005	7.70e-004
505	-1.02	1.35	1.50e-003	-1.48e-004	6.79e-004	7.63e-004
506	-0.68	1.35	6.75e-003	-1.44e-004	4.75e-005	8.21e-004
507	-0.45	1.35	-8.31e-003	-1.44e-004	3.13e-004	7.60e-004
508	0.33	1.35	1.14e-002	-1.14e-004	1.18e-004	7.93e-004
509	-0.48	2.17	-5.01e-002	-2.53e-004	8.21e-005	6.91e-004
510	0.11	0.33	0.00	0.00	0.00	3.56e-004
511	0.19	0.68	0.00	0.00	0.00	4.44e-004
512	0.32	1.25	0.00	0.00	0.00	7.54e-004

311	372	190	0.00	0.00	0.00	0.00	0.00	0.00	55.00
312	217	372	0.00	0.00	0.00	0.00	0.00	0.00	55.00
313	371	217	0.00	0.00	0.00	0.00	0.00	0.00	55.00
314	216	371	1.86e-026	0.00	-1.14e-013	0.00	0.00	0.00	55.00
315	410	411	0.00	0.00	0.00	0.00	0.00	0.00	55.00
316	409	410	1.86e-026	0.00	-1.14e-013	0.00	0.00	0.00	55.00
317	408	409	1.86e-026	0.00	-1.14e-013	1.86e-026	0.00	-1.14e-013	55.00
318	407	408	0.00	0.00	0.00	1.83e-026	0.00	-1.14e-013	55.00
319	368	216	1.86e-026	0.00	-1.14e-013	1.86e-026	0.00	-1.14e-013	55.00
320	215	368	0.00	0.00	0.00	1.83e-026	0.00	-1.14e-013	55.00
321	367	215	0.00	0.00	0.00	0.00	0.00	0.00	55.00
322	214	367	0.00	0.00	0.00	0.00	0.00	0.00	55.00
323	406	407	0.00	0.00	0.00	0.00	0.00	0.00	55.00
324	405	406	0.00	0.00	0.00	0.00	0.00	0.00	55.00
325	404	405	0.00	0.00	0.00	0.00	0.00	0.00	55.00
326	363	404	0.00	0.00	0.00	0.00	0.00	0.00	55.00
327	364	214	0.00	0.00	0.00	0.00	0.00	0.00	55.00
328	187	364	0.00	0.00	0.00	0.00	0.00	0.00	55.00
389	362	363	0.00	0.00	0.00	0.00	0.00	0.00	64.00
390	361	362	0.00	0.00	0.00	0.00	0.00	0.00	64.00
391	302	187	0.00	0.00	0.00	0.00	0.00	0.00	64.00
392	213	302	0.00	0.00	0.00	0.00	0.00	0.00	64.00
393	301	213	1.93e-025	0.00	1.14e-013	0.00	0.00	0.00	64.00
394	212	301	1.93e-025	0.00	1.14e-013	1.93e-025	0.00	1.14e-013	64.00
395	360	361	1.93e-025	0.00	1.14e-013	0.00	0.00	0.00	64.00
396	359	360	1.93e-025	0.00	1.14e-013	1.93e-025	0.00	1.14e-013	64.00
397	358	359	0.00	0.00	0.00	1.93e-025	0.00	1.14e-013	64.00
398	357	358	0.00	0.00	0.00	0.00	0.00	0.00	64.00
399	298	212	0.00	0.00	0.00	1.93e-025	0.00	1.14e-013	64.00
400	211	298	0.00	0.00	0.00	0.00	0.00	0.00	64.00
401	297	211	0.00	0.00	0.00	0.00	0.00	0.00	64.00
402	210	297	0.00	0.00	0.00	0.00	0.00	0.00	64.00
403	356	357	0.00	0.00	0.00	0.00	0.00	0.00	64.00
404	355	356	0.00	0.00	0.00	0.00	0.00	0.00	64.00
405	354	355	0.00	0.00	0.00	0.00	0.00	0.00	64.00
406	333	354	0.00	0.00	0.00	0.00	0.00	0.00	64.00
407	294	210	0.00	0.00	0.00	0.00	0.00	0.00	64.00
408	181	294	0.00	0.00	0.00	0.00	0.00	0.00	64.00
409	332	333	0.00	0.00	0.00	0.00	0.00	0.00	56.00
410	331	332	0.00	0.00	0.00	0.00	0.00	0.00	56.00
411	292	181	0.00	0.00	0.00	0.00	0.00	0.00	56.00
412	209	292	0.00	0.00	0.00	0.00	0.00	0.00	56.00
413	291	209	0.00	0.00	0.00	0.00	0.00	0.00	56.00
414	208	291	0.00	0.00	0.00	0.00	0.00	0.00	56.00
415	330	331	0.00	0.00	0.00	0.00	0.00	0.00	56.00
416	329	330	0.00	0.00	0.00	0.00	0.00	0.00	56.00
417	328	329	0.00	0.00	0.00	0.00	0.00	0.00	56.00
418	327	328	0.00	0.00	0.00	0.00	0.00	0.00	56.00
419	288	208	0.00	0.00	0.00	0.00	0.00	0.00	56.00
420	207	288	0.00	0.00	0.00	0.00	0.00	0.00	56.00
421	287	207	0.00	0.00	0.00	0.00	0.00	0.00	56.00
422	206	287	0.00	0.00	0.00	0.00	0.00	0.00	56.00
423	326	327	0.00	0.00	0.00	0.00	0.00	0.00	56.00
424	325	326	0.00	0.00	0.00	0.00	0.00	0.00	56.00
425	324	325	0.00	0.00	0.00	0.00	0.00	0.00	56.00
426	283	324	0.00	0.00	0.00	0.00	0.00	0.00	56.00
427	284	206	0.00	0.00	0.00	0.00	0.00	0.00	56.00
428	176	284	0.00	0.00	0.00	0.00	0.00	0.00	56.00
444	282	283	0.00	0.00	0.00	0.00	0.00	0.00	54.00
445	281	282	7.54e-026	0.00	-1.14e-013	0.00	0.00	0.00	54.00
446	280	281	0.00	0.00	0.00	7.52e-026	0.00	-1.14e-013	54.00
447	279	280	0.00	0.00	0.00	0.00	0.00	0.00	54.00
448	278	279	0.00	0.00	0.00	0.00	0.00	0.00	54.00
449	205	176	0.00	0.00	0.00	0.00	0.00	0.00	54.00
450	204	205	7.54e-026	0.00	-1.14e-013	0.00	0.00	0.00	54.00

694	28	71	0.00	0.00	0.00	0.00	0.00	0.00	350.00
695	25	68	0.00	0.00	0.00	0.00	0.00	0.00	350.00
696	22	65	0.00	0.00	0.00	0.00	0.00	0.00	350.00
697	19	62	0.00	0.00	0.00	0.00	0.00	0.00	350.00
698	16	59	0.00	0.00	0.00	0.00	0.00	0.00	350.00
699	35	78	0.00	0.00	0.00	0.00	0.00	0.00	350.00
700	32	75	0.00	0.00	0.00	0.00	0.00	0.00	350.00
701	29	72	0.00	0.00	0.00	0.00	0.00	0.00	350.00
702	26	69	0.00	0.00	0.00	0.00	0.00	0.00	350.00
703	23	66	0.00	0.00	0.00	0.00	0.00	0.00	350.00
704	20	63	0.00	0.00	0.00	0.00	0.00	0.00	350.00
705	17	60	0.00	0.00	0.00	0.00	0.00	0.00	350.00
706	36	79	0.00	0.00	0.00	0.00	0.00	0.00	350.00
707	33	76	0.00	0.00	0.00	0.00	0.00	0.00	350.00
708	30	73	0.00	0.00	0.00	0.00	0.00	0.00	350.00
709	27	70	0.00	0.00	0.00	0.00	0.00	0.00	350.00
710	24	67	0.00	0.00	0.00	0.00	0.00	0.00	350.00
711	21	64	0.00	0.00	0.00	0.00	0.00	0.00	350.00
712	18	61	0.00	0.00	0.00	0.00	0.00	0.00	350.00
713	39	82	0.00	0.00	0.00	0.00	0.00	0.00	350.00
714	38	81	0.00	0.00	0.00	0.00	0.00	0.00	350.00
715	37	80	0.00	0.00	0.00	0.00	0.00	0.00	350.00
716	45	88	0.00	0.00	0.00	0.00	0.00	0.00	350.00
717	44	87	0.00	0.00	0.00	0.00	0.00	0.00	350.00
718	43	86	0.00	0.00	0.00	0.00	0.00	0.00	350.00
719	40	83	0.00	0.00	0.00	0.00	0.00	0.00	350.00
720	48	91	0.00	0.00	0.00	0.00	0.00	0.00	350.00
721	47	90	0.00	0.00	0.00	0.00	0.00	0.00	350.00
722	46	89	0.00	0.00	0.00	0.00	0.00	0.00	350.00
723	41	84	0.00	0.00	0.00	0.00	0.00	0.00	350.00
724	51	94	0.00	0.00	0.00	0.00	0.00	0.00	350.00
725	50	93	0.00	0.00	0.00	0.00	0.00	0.00	350.00
726	49	92	0.00	0.00	0.00	0.00	0.00	0.00	350.00
727	42	85	0.00	0.00	0.00	0.00	0.00	0.00	350.00
728	55	98	0.00	0.00	0.00	0.00	0.00	0.00	350.00
729	54	97	0.00	0.00	0.00	0.00	0.00	0.00	350.00
730	53	96	0.00	0.00	0.00	0.00	0.00	0.00	350.00
731	52	95	0.00	0.00	0.00	0.00	0.00	0.00	350.00
732	56	99	0.00	0.00	0.00	0.00	0.00	0.00	350.00
733	57	100	0.00	0.00	0.00	0.00	0.00	0.00	350.00
734	58	101	0.00	0.00	0.00	0.00	0.00	0.00	350.00
735	15	58	0.00	0.00	0.00	0.00	0.00	0.00	380.00
736	14	57	0.00	0.00	0.00	0.00	0.00	0.00	380.00
737	13	56	0.00	0.00	0.00	0.00	0.00	0.00	380.00
738	9	52	0.00	0.00	0.00	0.00	0.00	0.00	380.00
739	10	53	0.00	0.00	0.00	0.00	0.00	0.00	380.00
740	11	54	0.00	0.00	0.00	0.00	0.00	0.00	380.00
741	12	55	0.00	0.00	0.00	0.00	0.00	0.00	380.00
742	2	42	0.00	0.00	0.00	0.00	0.00	0.00	380.00
743	6	49	0.00	0.00	0.00	0.00	0.00	0.00	380.00
744	7	50	0.00	0.00	0.00	0.00	0.00	0.00	380.00
745	8	51	0.00	0.00	0.00	0.00	0.00	0.00	380.00

Sezioni

Sezione rettangolare

Elemento	Materiale	Altezza (cm)	Base (cm)
1	Calcestruzzo	40.00	40.00
2	Calcestruzzo	40.00	40.00
3	Calcestruzzo	70.00	30.00
4	Calcestruzzo	40.00	40.00
5	Calcestruzzo	40.00	40.00
6	Calcestruzzo	40.00	40.00
7	Calcestruzzo	40.00	40.00
8	Calcestruzzo	40.00	40.00

9	Calcestruzzo	40.00	40.00
10	Calcestruzzo	40.00	40.00
11	Calcestruzzo	40.00	40.00
12	Calcestruzzo	40.00	40.00
13	Calcestruzzo	40.00	40.00
14	Calcestruzzo	40.00	40.00
15	Calcestruzzo	40.00	40.00
16	Calcestruzzo	40.00	40.00
17	Calcestruzzo	40.00	40.00
18	Calcestruzzo	40.00	40.00
19	Calcestruzzo	40.00	40.00
20	Calcestruzzo	40.00	40.00
21	Calcestruzzo	50.00	30.00
22	Calcestruzzo	50.00	40.00
23	Calcestruzzo	50.00	40.00
24	Calcestruzzo	50.00	30.00
25	Calcestruzzo	50.00	30.00
26	Calcestruzzo	50.00	30.00
27	Calcestruzzo	50.00	30.00
28	Calcestruzzo	40.00	40.00
29	Calcestruzzo	40.00	40.00
30	Calcestruzzo	50.00	30.00
31	Calcestruzzo	50.00	30.00
32	Calcestruzzo	50.00	30.00
33	Calcestruzzo	50.00	30.00
34	Calcestruzzo	50.00	30.00
35	Calcestruzzo	50.00	30.00
36	Calcestruzzo	40.00	40.00
37	Calcestruzzo	40.00	40.00
38	Calcestruzzo	40.00	40.00
39	Calcestruzzo	40.00	40.00
40	Calcestruzzo	40.00	40.00
41	Calcestruzzo	40.00	40.00
42	Calcestruzzo	40.00	40.00
43	Calcestruzzo	40.00	40.00
44	Calcestruzzo	40.00	40.00
45	Calcestruzzo	40.00	40.00
46	Calcestruzzo	40.00	40.00
47	Calcestruzzo	40.00	40.00
48	Calcestruzzo	40.00	40.00
49	Calcestruzzo	60.00	30.00
50	Calcestruzzo	70.00	30.00
51	Calcestruzzo	70.00	30.00
52	Calcestruzzo	60.00	30.00
53	Calcestruzzo	40.00	40.00
54	Calcestruzzo	40.00	40.00
55	Calcestruzzo	70.00	30.00
56	Calcestruzzo	70.00	30.00
57	Calcestruzzo	70.00	30.00
58	Calcestruzzo	70.00	30.00
59	Calcestruzzo	70.00	30.00
60	Calcestruzzo	70.00	30.00
61	Calcestruzzo	40.00	40.00
62	Calcestruzzo	40.00	40.00
63	Calcestruzzo	40.00	40.00
64	Calcestruzzo	40.00	40.00
65	Calcestruzzo	40.00	40.00
66	Calcestruzzo	50.00	40.00
67	Calcestruzzo	40.00	40.00
68	Calcestruzzo	50.00	40.00
69	Calcestruzzo	40.00	40.00
70	Calcestruzzo	50.00	40.00
71	Calcestruzzo	50.00	40.00
72	Calcestruzzo	40.00	40.00
73	Calcestruzzo	40.00	40.00

74	Calcestruzzo	50.00	40.00
75	Calcestruzzo	40.00	40.00
76	Calcestruzzo	40.00	40.00
77	Calcestruzzo	40.00	40.00
78	Calcestruzzo	40.00	40.00
79	Calcestruzzo	40.00	40.00
80	Calcestruzzo	40.00	40.00
81	Calcestruzzo	40.00	40.00
82	Calcestruzzo	40.00	40.00
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91	Calcestruzzo	40.00	40.00
92	Calcestruzzo	70.00	30.00
93	Calcestruzzo	70.00	30.00
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102	Calcestruzzo	40.00	80.00
103	Calcestruzzo	40.00	40.00
179	Calcestruzzo	10.00	20.00
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499	Calcestruzzo	50.00	30.00
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511	Calcestruzzo	70.00	40.00
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562	Calcestruzzo	50.00	40.00
563	Calcestruzzo	50.00	40.00
564	Calcestruzzo	70.00	20.00
565	Calcestruzzo	50.00	40.00
566	Calcestruzzo	20.00	40.00
567	Calcestruzzo	70.00	20.00
568	Calcestruzzo	50.00	40.00
569	Calcestruzzo	50.00	30.00
570	Calcestruzzo	70.00	20.00
571	Calcestruzzo	50.00	40.00
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573	Calcestruzzo	70.00	40.00
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581	Calcestruzzo	70.00	40.00
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648	Calcestruzzo	15.00	40.00
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658	Calcestruzzo	15.00	40.00
659	Calcestruzzo	15.00	40.00
660	Calcestruzzo	45.00	45.00
661	Calcestruzzo	45.00	45.00
662	Calcestruzzo	45.00	45.00
663	Calcestruzzo	45.00	45.00
664	Calcestruzzo	50.00	50.00
665	Calcestruzzo	50.00	50.00
666	Calcestruzzo	50.00	50.00
667	Calcestruzzo	50.00	50.00
668	Calcestruzzo	50.00	50.00
669	Calcestruzzo	50.00	50.00
670	Calcestruzzo	50.00	50.00
671	Calcestruzzo	50.00	50.00
672	Calcestruzzo	45.00	45.00
673	Calcestruzzo	45.00	45.00
674	Calcestruzzo	45.00	45.00
675	Calcestruzzo	45.00	45.00
676	Calcestruzzo	30.00	50.00
677	Calcestruzzo	70.00	40.00
678	Calcestruzzo	70.00	40.00
679	Calcestruzzo	60.00	30.00
680	Calcestruzzo	70.00	40.00
681	Calcestruzzo	70.00	40.00
682	Calcestruzzo	70.00	40.00
683	Calcestruzzo	70.00	40.00
684	Calcestruzzo	60.00	40.00
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686	Calcestruzzo	60.00	40.00
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688	Calcestruzzo	60.00	40.00
689	Calcestruzzo	60.00	30.00
690	Calcestruzzo	70.00	40.00
691	Calcestruzzo	70.00	40.00
692	Calcestruzzo	40.00	40.00
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716	Calcestruzzo	40.00	40.00
717	Calcestruzzo	40.00	40.00
718	Calcestruzzo	40.00	40.00
719	Calcestruzzo	40.00	40.00
720	Calcestruzzo	40.00	40.00
721	Calcestruzzo	45.00	45.00

722	Calcestruzzo	45.00	45.00
723	Calcestruzzo	40.00	40.00
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725	Calcestruzzo	45.00	45.00
726	Calcestruzzo	45.00	45.00
727	Calcestruzzo	40.00	40.00
728	Calcestruzzo	40.00	80.00
729	Calcestruzzo	45.00	45.00
730	Calcestruzzo	45.00	45.00
731	Calcestruzzo	40.00	40.00
732	Calcestruzzo	40.00	40.00
733	Calcestruzzo	45.00	45.00
734	Calcestruzzo	40.00	40.00
735	Calcestruzzo	45.00	45.00
736	Calcestruzzo	50.00	50.00
737	Calcestruzzo	45.00	45.00
738	Calcestruzzo	45.00	45.00
739	Calcestruzzo	50.00	50.00
740	Calcestruzzo	50.00	50.00
741	Calcestruzzo	40.00	80.00
742	Calcestruzzo	45.00	45.00
743	Calcestruzzo	45.00	45.00
744	Calcestruzzo	45.00	45.00
745	Calcestruzzo	45.00	45.00

Armatura longitudinale negli elementi

Elemento	Area (cm2)	Y (cm)	Z (cm)	Ascissa iniz. (cm)	Lunghezza (cm)
	1.13	-18.00	6.00	0.00	424.87
	1.13	-18.00	-6.00	0.00	424.87
	0.79	18.00	-6.00	0.00	424.87
	0.79	18.00	6.00	0.00	424.87
	1.54	-18.00	-18.00	0.00	424.87
	1.54	-18.00	18.00	0.00	424.87
	1.54	18.00	18.00	0.00	424.87
	1.54	18.00	-18.00	0.00	424.87
	2.01	-18.00	6.05	1.58	316.26
	2.01	-18.00	-5.97	3.54	314.30
	0.79	18.00	-6.05	0.00	317.84
	0.79	18.00	5.97	0.00	317.84
	2.01	-18.00	-17.99	5.50	312.34
	2.01	-18.00	18.07	0.00	317.84
	1.13	18.00	18.00	0.00	317.84
	2.01	18.00	-18.07	0.37	317.47
3	1.54	-33.00	4.33	0.00	547.50
	1.54	-33.00	-4.33	0.00	547.50
	0.50	33.00	0.00	0.00	547.50
	0.50	33.00	-6.50	0.00	547.50
	0.50	33.00	6.50	0.00	547.50
	1.54	-33.00	-13.00	0.00	547.50
	1.54	-33.00	13.00	0.00	547.50
	1.54	33.00	13.00	0.00	547.50
	1.54	33.00	-13.00	0.00	547.50
4	2.01	18.00	-18.00	35.00	85.00
	2.01	18.00	18.00	35.00	85.00
	2.01	-18.00	18.00	35.00	85.00
	2.01	-18.00	-18.00	35.00	85.00
	2.01	18.00	0.00	35.00	85.00
	2.01	-18.00	0.00	35.00	85.00
	2.01	0.00	-18.00	35.00	85.00
	2.01	0.00	18.00	35.00	85.00
5	2.01	18.00	-18.00	2.00	148.00
	2.01	18.00	18.00	2.00	148.00

	2.01	-18.00	18.00	2.00	148.00
	2.01	-18.00	-18.00	2.00	148.00
	2.01	18.00	0.00	0.00	150.00
	2.01	-18.00	0.00	0.00	150.00
	2.01	0.00	-18.00	0.00	150.00
	2.01	0.00	18.00	0.00	150.00
6	2.54	18.00	-18.00	0.00	35.00
	2.54	18.00	18.00	0.00	35.00
	2.54	-18.00	18.00	0.00	35.00
	2.54	-18.00	-18.00	0.00	35.00
	2.54	18.00	0.00	0.00	35.00
	2.54	-18.00	0.00	0.00	35.00
	2.54	0.00	-18.00	0.00	35.00
	2.54	0.00	18.00	0.00	35.00
7	2.54	18.00	-18.00	0.00	35.00
	2.54	18.00	18.00	0.00	35.00
	2.54	-18.00	18.00	0.00	35.00
	2.54	-18.00	-18.00	0.00	35.00
	2.54	18.00	0.00	0.00	35.00
	2.54	-18.00	0.00	0.00	35.00
	2.54	0.00	-18.00	0.00	35.00
	2.54	0.00	18.00	0.00	35.00
8	2.54	18.00	-18.00	5.00	30.00
	2.54	18.00	18.00	5.00	30.00
	2.54	-18.00	18.00	5.00	30.00
	2.54	-18.00	-18.00	5.00	30.00
	2.54	18.00	0.00	5.00	30.00
	2.54	-18.00	0.00	5.00	30.00
	2.54	0.00	-18.00	5.00	30.00
	2.54	0.00	18.00	5.00	30.00
9	2.01	18.00	-18.00	0.00	35.00
	2.01	18.00	18.00	0.00	35.00
	2.01	-18.00	18.00	0.00	35.00
	2.01	-18.00	-18.00	0.00	35.00
	2.01	18.00	0.00	0.00	35.00
	2.01	-18.00	0.00	0.00	35.00
	2.01	0.00	-18.00	0.00	35.00
	2.01	0.00	18.00	0.00	35.00
10	2.01	18.00	-18.00	0.00	35.00
	2.01	18.00	18.00	0.00	35.00
	2.01	-18.00	18.00	0.00	35.00
	2.01	-18.00	-18.00	0.00	35.00
	2.01	18.00	0.00	0.00	35.00
	2.01	-18.00	0.00	0.00	35.00
	2.01	0.00	-18.00	0.00	35.00
	2.01	0.00	18.00	0.00	35.00
11	2.01	18.00	-18.00	20.00	15.00
	2.01	18.00	18.00	20.00	15.00
	2.01	-18.00	18.00	20.00	15.00
	2.01	-18.00	-18.00	20.00	15.00
	2.01	18.00	0.00	20.00	15.00
	2.01	-18.00	0.00	20.00	15.00
	2.01	0.00	-18.00	20.00	15.00
	2.01	0.00	18.00	20.00	15.00
12	2.01	18.00	-18.00	0.00	35.00
	2.01	18.00	18.00	0.00	35.00
	2.01	-18.00	18.00	0.00	35.00
	2.01	-18.00	-18.00	0.00	35.00
	2.01	18.00	0.00	0.00	35.00
	2.01	-18.00	0.00	0.00	35.00
	2.01	0.00	-18.00	0.00	35.00

	2.01	0.00	18.00	0.00	35.00
13	2.01	18.00	-18.00	0.00	35.00
	2.01	18.00	18.00	0.00	35.00
	2.01	-18.00	18.00	0.00	35.00
	2.01	-18.00	-18.00	0.00	35.00
	2.01	18.00	0.00	0.00	35.00
	2.01	-18.00	0.00	0.00	35.00
	2.01	0.00	-18.00	0.00	35.00
	2.01	0.00	18.00	0.00	35.00
14	2.01	18.00	-18.00	5.00	30.00
	2.01	18.00	18.00	5.00	30.00
	2.01	-18.00	18.00	5.00	30.00
	2.01	-18.00	-18.00	5.00	30.00
	2.01	18.00	0.00	5.00	30.00
	2.01	-18.00	0.00	5.00	30.00
	2.01	0.00	-18.00	5.00	30.00
	2.01	0.00	18.00	5.00	30.00
15	2.01	18.00	-18.00	0.00	35.00
	2.01	18.00	18.00	0.00	35.00
	2.01	-18.00	18.00	0.00	35.00
	2.01	-18.00	-18.00	0.00	35.00
	2.01	18.00	0.00	0.00	35.00
	2.01	-18.00	0.00	0.00	35.00
	2.01	0.00	-18.00	0.00	35.00
	2.01	0.00	18.00	0.00	35.00
16	2.01	18.00	-18.00	0.00	35.00
	2.01	18.00	18.00	0.00	35.00
	2.01	-18.00	18.00	0.00	35.00
	2.01	-18.00	-18.00	0.00	35.00
	2.01	18.00	0.00	0.00	35.00
	2.01	-18.00	0.00	0.00	35.00
	2.01	0.00	-18.00	0.00	35.00
	2.01	0.00	18.00	0.00	35.00
17	2.01	18.00	-18.00	20.00	15.00
	2.01	18.00	18.00	20.00	15.00
	2.01	-18.00	18.00	20.00	15.00
	2.01	-18.00	-18.00	20.00	15.00
	2.01	18.00	0.00	20.00	15.00
	2.01	-18.00	0.00	20.00	15.00
	2.01	0.00	-18.00	20.00	15.00
	2.01	0.00	18.00	20.00	15.00
18	2.01	18.00	-18.00	0.00	35.00
	2.01	18.00	18.00	0.00	35.00
	2.01	-18.00	18.00	0.00	35.00
	2.01	-18.00	-18.00	0.00	35.00
	2.01	18.00	0.00	0.00	35.00
	2.01	-18.00	0.00	0.00	35.00
	2.01	0.00	-18.00	0.00	35.00
	2.01	0.00	18.00	0.00	35.00
19	2.01	18.00	-18.00	0.00	35.00
	2.01	18.00	18.00	0.00	35.00
	2.01	-18.00	18.00	0.00	35.00
	2.01	-18.00	-18.00	0.00	35.00
	2.01	18.00	0.00	0.00	35.00
	2.01	-18.00	0.00	0.00	35.00
	2.01	0.00	-18.00	0.00	35.00
	2.01	0.00	18.00	0.00	35.00
20	2.01	18.00	-18.00	0.00	35.00
	2.01	18.00	18.00	0.00	35.00
	2.01	-18.00	18.00	0.00	35.00

2.01	-18.00	-18.00	0.00	35.00
2.01	18.00	0.00	0.00	35.00
2.01	-18.00	0.00	0.00	35.00
2.01	0.00	-18.00	0.00	35.00
2.01	0.00	18.00	0.00	35.00
1.13	-23.00	4.33	0.00	300.00
1.13	-23.00	-4.33	0.00	300.00
0.79	23.00	-4.33	0.00	300.00
0.79	23.00	4.33	0.00	300.00
1.13	-23.00	-13.00	0.00	300.00
1.13	-23.00	13.00	0.00	300.00
1.13	23.00	13.00	0.00	300.00
1.13	23.00	-13.00	0.00	300.00
1.13	-23.00	6.00	0.00	414.28
1.13	-23.00	-6.00	0.00	414.28
0.79	23.00	-6.00	0.00	414.28
0.79	23.00	6.00	0.00	414.28
1.54	-23.00	-18.00	0.00	414.28
1.54	-23.00	18.00	0.00	414.28
1.54	23.00	18.00	0.00	414.28
1.54	23.00	-18.00	0.00	414.28
1.13	-23.00	6.00	0.00	289.70
1.13	-23.00	-6.00	0.00	289.70
0.79	23.00	-6.00	0.00	289.70
0.79	23.00	6.00	0.00	289.70
1.13	-23.00	-18.00	0.00	289.70
1.13	-23.00	18.00	0.00	289.70
1.13	23.00	18.00	0.00	289.70
1.13	23.00	-18.00	0.00	289.70
1.13	-23.00	4.33	0.00	300.00
1.13	-23.00	-4.33	0.00	300.00
0.79	23.00	-4.33	0.00	300.00
0.79	23.00	4.33	0.00	300.00
1.13	-23.00	-13.00	0.00	300.00
1.13	-23.00	13.00	0.00	300.00
1.13	23.00	13.00	0.00	300.00
1.13	23.00	-13.00	0.00	300.00
1.54	-23.00	4.33	0.00	430.00
1.54	-23.00	-4.33	0.00	430.00
0.79	23.00	-4.33	0.00	430.00
0.79	23.00	4.33	0.00	430.00
2.01	-23.00	-13.00	0.00	430.00
2.01	-23.00	13.00	0.00	430.00
2.01	23.00	13.00	0.00	430.00
2.01	23.00	-13.00	0.00	430.00
1.54	-23.00	4.33	0.00	390.00
1.54	-23.00	-4.33	0.00	390.00
0.79	23.00	-4.33	0.00	390.00
0.79	23.00	4.33	0.00	390.00
1.54	-23.00	-13.00	0.00	390.00
1.54	-23.00	13.00	0.00	390.00
1.54	23.00	13.00	0.00	390.00
1.54	23.00	-13.00	0.00	390.00
2.01	-23.00	4.33	0.00	430.00
2.01	-23.00	-4.33	0.00	430.00
0.79	23.00	-4.33	0.00	430.00
0.79	23.00	4.33	0.00	430.00
2.01	-23.00	-13.00	0.00	430.00
2.01	-23.00	13.00	0.00	430.00
2.01	23.00	13.00	0.00	430.00
2.01	23.00	-13.00	0.00	430.00

2.01	23.00	-13.00	0.00	430.00
1.13	-18.00	6.00	0.00	414.28
1.13	-18.00	-6.00	0.00	414.28
0.79	18.00	-6.00	0.00	414.28
0.79	18.00	6.00	0.00	414.28
1.54	-18.00	-18.00	0.00	414.28
1.54	-18.00	18.00	0.00	414.28
1.54	18.00	18.00	0.00	414.28
1.54	18.00	-18.00	0.00	414.28
1.13	-18.00	6.00	0.00	289.70
1.13	-18.00	-6.00	0.00	289.70
0.79	18.00	-6.00	0.00	289.70
0.79	18.00	6.00	0.00	289.70
1.13	-18.00	-18.00	0.00	289.70
1.13	-18.00	18.00	0.00	289.70
1.13	18.00	18.00	0.00	289.70
1.13	18.00	-18.00	0.00	289.70
1.54	-23.00	4.33	0.00	430.00
1.54	-23.00	-4.33	0.00	430.00
0.50	23.00	0.00	0.00	430.00
0.50	23.00	-6.50	0.00	430.00
0.50	23.00	6.50	0.00	430.00
1.54	-23.00	-13.00	0.00	430.00
1.54	-23.00	13.00	0.00	430.00
1.54	23.00	13.00	0.00	430.00
1.54	23.00	-13.00	0.00	430.00
1.13	-23.00	4.33	0.00	390.00
1.13	-23.00	-4.33	0.00	390.00
0.50	23.00	0.00	0.00	390.00
0.50	23.00	-6.50	0.00	390.00
0.50	23.00	6.50	0.00	390.00
1.13	-23.00	-13.00	0.00	390.00
1.13	-23.00	13.00	0.00	390.00
1.13	23.00	13.00	0.00	390.00
1.13	23.00	-13.00	0.00	390.00
1.13	-23.00	4.33	0.00	430.00
1.13	-23.00	-4.33	0.00	430.00
0.50	23.00	0.00	0.00	430.00
0.50	23.00	-6.50	0.00	430.00
0.50	23.00	6.50	0.00	430.00
1.13	-23.00	-13.00	0.00	430.00
1.13	-23.00	13.00	0.00	430.00
1.13	23.00	13.00	0.00	430.00
1.13	23.00	-13.00	0.00	430.00
0.79	-23.00	4.33	0.00	300.00
0.79	-23.00	-4.33	2.04e-014	300.00
0.50	23.00	0.00	0.00	300.00
0.50	23.00	-6.50	1.44e-013	300.00
0.50	23.00	6.50	0.00	300.00
0.79	-23.00	-13.00	6.13e-014	300.00
0.79	-23.00	13.00	0.00	300.00
0.79	23.00	13.00	0.00	300.00
0.79	23.00	-13.00	6.13e-014	300.00
0.79	-23.00	4.33	0.00	300.00
0.79	-23.00	-4.33	0.00	300.00
0.50	23.00	0.00	0.00	300.00
0.50	23.00	-6.50	0.00	300.00
0.50	23.00	6.50	0.00	300.00
0.79	-23.00	-13.00	0.00	300.00
0.79	-23.00	13.00	0.00	300.00
0.79	23.00	13.00	0.00	300.00

	0.79	23.00	-13.00	0.00	300.00
	1.13	-23.00	0.00	0.00	510.00
	1.13	-23.00	6.50	0.00	510.00
	1.13	-23.00	-6.50	0.00	510.00
	0.50	23.00	0.00	0.00	510.00
	0.50	23.00	-6.50	0.00	510.00
	0.50	23.00	6.50	0.00	510.00
	1.13	-23.00	-13.00	0.00	510.00
	1.13	-23.00	13.00	0.00	510.00
	1.13	23.00	13.00	0.00	510.00
	1.13	23.00	-13.00	0.00	510.00
36	2.01	18.00	-18.00	25.00	78.00
	2.01	18.00	18.00	25.00	78.00
	2.01	-18.00	18.00	25.00	78.00
	2.01	-18.00	-18.00	25.00	78.00
	2.01	18.00	0.00	25.00	80.00
	2.01	-18.00	0.00	25.00	80.00
	2.01	0.00	-18.00	25.00	80.00
	2.01	0.00	18.00	25.00	80.00
37	2.01	18.00	-18.00	25.00	78.00
	2.01	18.00	18.00	25.00	78.00
	2.01	-18.00	18.00	25.00	78.00
	2.01	-18.00	-18.00	25.00	78.00
	2.01	18.00	0.00	25.00	80.00
	2.01	-18.00	0.00	25.00	80.00
	2.01	0.00	-18.00	25.00	80.00
	2.01	0.00	18.00	25.00	80.00
38	2.01	18.00	-18.00	25.00	78.00
	2.01	18.00	18.00	25.00	78.00
	2.01	-18.00	18.00	25.00	78.00
	2.01	-18.00	-18.00	25.00	78.00
	2.01	18.00	0.00	25.00	80.00
	2.01	-18.00	0.00	25.00	80.00
	2.01	0.00	-18.00	25.00	80.00
	2.01	0.00	18.00	25.00	80.00
39	2.01	18.00	-18.00	25.00	78.00
	2.01	18.00	18.00	25.00	78.00
	2.01	-18.00	18.00	25.00	78.00
	2.01	-18.00	-18.00	25.00	78.00
	2.01	18.00	0.00	25.00	80.00
	2.01	-18.00	0.00	25.00	80.00
	2.01	0.00	-18.00	25.00	80.00
	2.01	0.00	18.00	25.00	80.00
40	2.01	18.00	-18.00	35.00	68.00
	2.01	18.00	18.00	35.00	68.00
	2.01	-18.00	18.00	35.00	68.00
	2.01	-18.00	-18.00	35.00	68.00
	2.01	18.00	0.00	35.00	70.00
	2.01	-18.00	0.00	35.00	70.00
	2.01	0.00	-18.00	35.00	70.00
	2.01	0.00	18.00	35.00	70.00
41	2.01	18.00	-18.00	25.00	243.00
	2.01	18.00	18.00	25.00	243.00
	2.01	-18.00	18.00	25.00	243.00
	2.01	-18.00	-18.00	25.00	243.00
	2.01	18.00	0.00	25.00	245.00
	2.01	-18.00	0.00	25.00	245.00
	2.01	0.00	-18.00	25.00	245.00
	2.01	0.00	18.00	25.00	245.00
42	2.01	18.00	-18.00	25.00	243.00

	2.01	18.00	18.00	25.00	243.00
	2.01	-18.00	18.00	25.00	243.00
	2.01	-18.00	-18.00	25.00	243.00
	2.01	18.00	0.00	25.00	245.00
	2.01	-18.00	0.00	25.00	245.00
	2.01	0.00	-18.00	25.00	245.00
	2.01	0.00	18.00	25.00	245.00
43	2.01	18.00	-18.00	25.00	243.00
	2.01	18.00	18.00	25.00	243.00
	2.01	-18.00	18.00	25.00	243.00
	2.01	-18.00	-18.00	25.00	243.00
	2.01	18.00	0.00	25.00	245.00
	2.01	-18.00	0.00	25.00	245.00
	2.01	0.00	-18.00	25.00	245.00
	2.01	0.00	18.00	25.00	245.00
44	2.01	18.00	-18.00	25.00	243.00
	2.01	18.00	18.00	25.00	243.00
	2.01	-18.00	18.00	25.00	243.00
	2.01	-18.00	-18.00	25.00	243.00
	2.01	18.00	0.00	25.00	245.00
	2.01	-18.00	0.00	25.00	245.00
	2.01	0.00	-18.00	25.00	245.00
	2.01	0.00	18.00	25.00	245.00
45	2.01	18.00	-18.00	35.00	233.00
	2.01	18.00	18.00	35.00	233.00
	2.01	-18.00	18.00	35.00	233.00
	2.01	-18.00	-18.00	35.00	233.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
46	2.01	18.00	-18.00	35.00	233.00
	2.01	18.00	18.00	35.00	233.00
	2.01	-18.00	18.00	35.00	233.00
	2.01	-18.00	-18.00	35.00	233.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
47	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
48	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
	2.54	-28.00	4.33	0.00	657.06
	2.54	-28.00	-4.33	0.00	657.06
	1.13	28.00	-4.33	0.00	657.06
	1.13	28.00	4.33	0.00	657.06
	2.01	-28.00	-13.00	0.00	657.06
	2.01	-28.00	13.00	0.00	657.06

	2.01	28.00	13.00	0.00	657.06
	2.01	28.00	-13.00	0.00	657.06
50	0.79	-33.00	4.33	0.00	380.00
	0.79	-33.00	-4.33	0.00	380.00
	0.50	33.00	0.00	0.00	380.00
	0.50	33.00	-6.50	0.00	380.00
	0.50	33.00	6.50	0.00	380.00
	1.13	-33.00	-13.00	0.00	380.00
	1.13	-33.00	13.00	0.00	380.00
	1.13	33.00	13.00	0.00	380.00
	1.13	33.00	-13.00	0.00	380.00
	0.79	-33.00	0.00	0.00	270.00
	1.13	-33.00	-13.00	0.00	270.00
	1.13	-33.00	13.00	0.00	270.00
	1.13	33.00	13.00	0.00	270.00
	1.13	33.00	-13.00	0.00	270.00
	2.01	-28.00	4.33	0.00	417.04
	2.01	-28.00	-4.33	0.00	417.04
	1.13	28.00	-4.33	0.00	417.04
	1.13	28.00	4.33	0.00	417.04
	2.01	-28.00	-13.00	0.00	417.04
	2.01	-28.00	13.00	0.00	417.04
	2.01	28.00	13.00	0.00	417.04
	2.01	28.00	-13.00	0.00	417.04
	2.01	-18.00	6.00	0.00	536.03
	2.01	-18.00	-6.00	0.00	536.03
	0.79	18.00	-6.00	0.00	536.03
	0.79	18.00	6.00	0.00	536.03
	2.01	-18.00	-18.00	0.21	535.81
	2.01	-18.00	18.00	0.21	535.81
	2.01	18.00	18.00	0.00	536.03
	2.01	18.00	-18.00	0.00	536.03
	0.79	-18.00	6.00	0.00	317.84
	0.79	-18.00	-6.00	0.00	317.84
	0.79	18.00	-6.00	0.00	317.84
	0.79	18.00	6.00	0.00	317.84
	2.01	-18.00	-18.00	0.00	317.63
	2.01	-18.00	18.00	0.00	317.63
	2.01	18.00	18.00	0.00	317.84
	2.01	18.00	-18.00	0.00	317.84
	1.54	-33.00	2.60	0.00	797.82
	1.54	-33.00	-2.60	0.00	797.82
	1.54	-33.00	7.80	0.00	797.82
	1.54	-33.00	-7.80	0.00	797.82
	0.79	33.00	0.00	0.00	797.82
	0.79	33.00	-6.50	0.00	797.82
	0.79	33.00	6.50	0.00	797.82
	2.54	-33.00	-13.00	0.00	797.82
	2.54	-33.00	13.00	0.00	797.82
	2.54	33.00	13.00	0.00	797.82
	2.54	33.00	-13.00	0.00	797.82
	1.54	-33.00	4.33	0.00	550.28
	1.54	-33.00	-4.33	0.00	550.28
	0.50	33.00	0.00	0.00	550.28
	0.50	33.00	-6.50	0.00	550.28
	0.50	33.00	6.50	0.00	550.28
	1.54	-33.00	-13.00	0.00	550.28
	1.54	-33.00	13.00	0.00	550.28
	1.54	33.00	13.00	0.00	550.28
	1.54	33.00	-13.00	0.00	550.28

1.54	-33.00	4.33	0.00	610.00
1.54	-33.00	-4.33	0.00	610.00
0.50	33.00	0.00	0.00	610.00
0.50	33.00	-6.50	0.00	610.00
0.50	33.00	6.50	0.00	610.00
2.01	-33.00	-13.00	0.00	610.00
2.01	-33.00	13.00	0.00	610.00
2.01	33.00	13.00	0.00	610.00
2.01	33.00	-13.00	0.00	610.00
1.54	-33.00	4.33	0.00	550.01
1.54	-33.00	-4.33	0.00	550.01
0.50	33.00	0.00	0.00	550.01
0.50	33.00	-6.50	0.00	550.01
0.50	33.00	6.50	0.00	550.01
1.54	-33.00	-13.00	0.00	550.01
1.54	-33.00	13.00	0.00	550.01
1.54	33.00	13.00	0.00	550.01
1.54	33.00	-13.00	0.00	550.01
2.01	-33.00	4.33	0.00	640.00
2.01	-33.00	-4.33	0.00	640.00
0.50	33.00	0.00	0.00	640.00
0.50	33.00	-6.50	0.00	640.00
0.50	33.00	6.50	0.00	640.00
2.54	-33.00	-13.00	0.00	640.00
2.54	-33.00	13.00	0.00	640.00
2.54	33.00	13.00	0.00	640.00
2.54	33.00	-13.00	0.00	640.00
1.54	-33.00	4.33	0.00	560.00
1.54	-33.00	-4.33	0.00	560.00
0.50	33.00	0.00	0.00	560.00
0.50	33.00	-6.50	0.00	560.00
0.50	33.00	6.50	0.00	560.00
2.01	-33.00	-13.00	0.00	560.00
2.01	-33.00	13.00	0.00	560.00
2.01	33.00	13.00	0.00	560.00
2.01	33.00	-13.00	0.00	560.00
2.01	-18.00	6.00	0.00	536.03
2.01	-18.00	-6.00	0.00	536.03
0.79	18.00	-6.00	0.00	536.03
0.79	18.00	6.00	0.00	536.03
2.01	-18.00	-18.00	0.21	535.81
2.01	-18.00	18.00	0.21	535.81
2.01	18.00	18.00	0.00	536.03
2.01	18.00	-18.00	0.00	536.03
0.79	-18.00	6.00	0.00	317.84
0.79	-18.00	-6.00	0.00	317.84
0.79	18.00	-6.00	0.00	317.84
0.79	18.00	6.00	0.00	317.84
2.01	-18.00	-18.00	0.00	317.63
2.01	-18.00	18.00	0.00	317.63
2.01	18.00	18.00	0.00	317.84
2.01	18.00	-18.00	0.00	317.84
2.01	-18.00	6.00	0.00	495.77
2.01	-18.00	-6.00	0.00	495.77
0.79	18.00	-6.00	0.00	495.77
0.79	18.00	6.00	0.00	495.77
2.01	-18.00	-18.00	0.00	495.77
2.01	-18.00	18.00	0.00	495.77
2.01	18.00	18.00	0.00	495.77
2.01	18.00	-18.00	0.00	495.77
2.01	-18.00	6.00	0.00	517.06

	2.01	-18.00	-6.00	0.00	517.06
	0.79	18.00	-6.00	3.39	513.67
	0.79	18.00	6.00	1.31	515.75
	2.01	-18.00	-18.00	0.76	516.30
	2.01	-18.00	18.00	0.00	517.06
	2.01	18.00	18.00	0.00	517.06
	2.01	18.00	-18.00	0.00	517.06
65	1.13	-18.00	6.00	0.00	300.00
	1.13	-18.00	-6.00	1.89e-002	299.98
	1.13	18.00	-6.00	1.89e-002	299.98
	1.13	18.00	6.00	0.00	300.00
	1.13	-18.00	-18.00	5.66e-002	299.94
	1.13	-18.00	18.00	0.00	300.00
	1.13	18.00	18.00	0.00	300.00
	1.13	18.00	-18.00	5.66e-002	299.94
	1.13	-23.00	6.00	0.00	544.99
	1.13	-23.00	-6.00	0.00	545.00
	1.13	23.00	-6.00	0.00	545.00
	1.13	23.00	6.00	0.00	544.99
	1.54	-23.00	-18.00	0.00	545.00
	1.54	-23.00	18.00	0.00	544.97
	1.54	23.00	18.00	0.00	544.97
	1.54	23.00	-18.00	0.00	545.00
67	1.13	-18.00	6.00	1.89e-002	397.49
	1.13	-18.00	-6.00	0.00	397.51
	1.13	18.00	-6.00	0.00	397.51
	1.13	18.00	6.00	1.89e-002	397.49
	1.13	-18.00	-18.00	0.00	397.51
	1.13	-18.00	18.00	5.66e-002	397.45
	1.13	18.00	18.00	5.66e-002	397.45
	1.13	18.00	-18.00	0.00	397.51
	1.13	-23.00	6.00	0.00	802.50
	1.13	-23.00	-6.00	0.00	802.49
	1.13	23.00	-6.00	0.00	802.49
	1.13	23.00	6.00	0.00	802.50
	1.54	-23.00	-18.00	0.00	802.48
	1.54	-23.00	18.00	0.00	802.50
	1.54	23.00	18.00	0.00	802.50
	1.54	23.00	-18.00	0.00	802.48
69	1.13	-18.00	6.00	0.00	297.51
	1.13	-18.00	-6.00	0.00	297.51
	1.13	18.00	-6.00	0.00	297.51
	1.13	18.00	6.00	0.00	297.51
	1.13	-18.00	-18.00	0.00	297.51
	1.13	-18.00	18.00	0.00	297.51
	1.13	18.00	18.00	0.00	297.51
	1.13	18.00	-18.00	0.00	297.51
	1.13	-23.00	6.00	0.00	800.00
	1.13	-23.00	-6.00	0.00	800.00
	1.13	23.00	-6.00	0.00	800.00
	1.13	23.00	6.00	0.00	800.00
	1.54	-23.00	-18.00	0.00	800.00
	1.54	-23.00	18.00	0.00	800.00
	1.54	23.00	18.00	0.00	800.00
	1.54	23.00	-18.00	0.00	800.00
	1.13	-23.00	6.00	0.00	545.00
	1.13	-23.00	-6.00	0.00	545.00
	1.13	23.00	-6.00	0.00	545.00
	1.13	23.00	6.00	0.00	545.00
	1.54	-23.00	-18.00	0.00	545.00
	1.54	-23.00	18.00	0.00	545.00

	1.54	23.00	18.00	0.00	545.00
	1.54	23.00	-18.00	0.00	545.00
72	1.13	-18.00	6.00	0.00	300.00
	1.13	-18.00	-6.00	8.19e-014	300.00
	1.13	18.00	-6.00	8.19e-014	300.00
	1.13	18.00	6.00	0.00	300.00
	1.13	-18.00	-18.00	2.46e-013	300.00
	1.13	-18.00	18.00	0.00	300.00
	1.13	18.00	18.00	0.00	300.00
	1.13	18.00	-18.00	2.46e-013	300.00
73	1.13	-18.00	6.00	0.00	397.50
	1.13	-18.00	-6.00	0.00	397.50
	1.13	18.00	-6.00	0.00	397.50
	1.13	18.00	6.00	0.00	397.50
	1.13	-18.00	-18.00	0.00	397.50
	1.13	-18.00	18.00	0.00	397.50
	1.13	18.00	18.00	0.00	397.50
	1.13	18.00	-18.00	0.00	397.50
74	1.54	-23.00	6.00	0.00	547.50
	1.54	-23.00	-6.00	0.00	547.50
	1.13	23.00	-3.60	0.00	547.50
	1.13	23.00	3.60	0.00	547.50
	1.13	23.00	-10.80	0.00	547.50
	1.13	23.00	10.80	0.00	547.50
	1.54	-23.00	-18.00	0.00	547.50
	1.54	-23.00	18.00	0.00	547.50
	1.54	23.00	18.00	0.00	547.50
	1.54	23.00	-18.00	0.00	547.50
75	2.54	18.00	-18.00	21.21	143.79
	2.54	18.00	18.00	21.21	143.79
	2.54	-18.00	18.00	21.21	143.79
	2.54	-18.00	-18.00	21.21	143.79
	2.54	18.00	0.00	21.21	143.79
	2.54	-18.00	0.00	21.21	143.79
	2.54	0.00	-18.00	21.21	143.79
	2.54	0.00	18.00	21.21	143.79
76	2.54	18.00	-18.00	0.00	35.00
	2.54	18.00	18.00	0.00	35.00
	2.54	-18.00	18.00	0.00	35.00
	2.54	-18.00	-18.00	0.00	35.00
	2.54	18.00	0.00	0.00	35.00
	2.54	-18.00	0.00	0.00	35.00
	2.54	0.00	-18.00	0.00	35.00
	2.54	0.00	18.00	0.00	35.00
77	2.54	18.00	-18.00	0.00	35.00
	2.54	18.00	18.00	0.00	35.00
	2.54	-18.00	18.00	0.00	35.00
	2.54	-18.00	-18.00	0.00	35.00
	2.54	18.00	0.00	0.00	35.00
	2.54	-18.00	0.00	0.00	35.00
	2.54	0.00	-18.00	0.00	35.00
	2.54	0.00	18.00	0.00	35.00
78	2.54	18.00	-18.00	20.00	15.00
	2.54	18.00	18.00	20.00	15.00
	2.54	-18.00	18.00	20.00	15.00
	2.54	-18.00	-18.00	20.00	15.00
	2.54	18.00	0.00	20.00	15.00
	2.54	-18.00	0.00	20.00	15.00
	2.54	0.00	-18.00	20.00	15.00
	2.54	0.00	18.00	20.00	15.00

79	2.54	18.00	-18.00	21.19	143.81
	2.54	18.00	18.00	21.19	143.81
	2.54	-18.00	18.00	21.19	143.81
	2.54	-18.00	-18.00	21.19	143.81
	2.54	18.00	0.00	21.19	143.81
	2.54	-18.00	0.00	21.19	143.81
	2.54	0.00	-18.00	21.19	143.81
	2.54	0.00	18.00	21.19	143.81
80	2.54	18.00	-18.00	0.00	35.00
	2.54	18.00	18.00	0.00	35.00
	2.54	-18.00	18.00	0.00	35.00
	2.54	-18.00	-18.00	0.00	35.00
	2.54	18.00	0.00	0.00	35.00
	2.54	-18.00	0.00	0.00	35.00
	2.54	0.00	-18.00	0.00	35.00
	2.54	0.00	18.00	0.00	35.00
81	2.54	18.00	-18.00	0.00	35.00
	2.54	18.00	18.00	0.00	35.00
	2.54	-18.00	18.00	0.00	35.00
	2.54	-18.00	-18.00	0.00	35.00
	2.54	18.00	0.00	0.00	35.00
	2.54	-18.00	0.00	0.00	35.00
	2.54	0.00	-18.00	0.00	35.00
	2.54	0.00	18.00	0.00	35.00
82	2.54	18.00	-18.00	20.00	15.00
	2.54	18.00	18.00	20.00	15.00
	2.54	-18.00	18.00	20.00	15.00
	2.54	-18.00	-18.00	20.00	15.00
	2.54	18.00	0.00	20.00	15.00
	2.54	-18.00	0.00	20.00	15.00
	2.54	0.00	-18.00	20.00	15.00
	2.54	0.00	18.00	20.00	15.00
83	2.54	18.00	-18.00	5.00	160.00
	2.54	18.00	18.00	5.00	160.00
	2.54	-18.00	18.00	5.00	160.00
	2.54	-18.00	-18.00	5.00	160.00
	2.54	18.00	0.00	5.00	160.00
	2.54	-18.00	0.00	5.00	160.00
	2.54	0.00	-18.00	5.00	160.00
	2.54	0.00	18.00	5.00	160.00
84	2.54	18.00	-18.00	0.00	35.00
	2.54	18.00	18.00	0.00	35.00
	2.54	-18.00	18.00	0.00	35.00
	2.54	-18.00	-18.00	0.00	35.00
	2.54	18.00	0.00	0.00	35.00
	2.54	-18.00	0.00	0.00	35.00
	2.54	0.00	-18.00	0.00	35.00
	2.54	0.00	18.00	0.00	35.00
85	2.54	18.00	-18.00	0.00	35.00
	2.54	18.00	18.00	0.00	35.00
	2.54	-18.00	18.00	0.00	35.00
	2.54	-18.00	-18.00	0.00	35.00
	2.54	18.00	0.00	0.00	35.00
	2.54	-18.00	0.00	0.00	35.00
	2.54	0.00	-18.00	0.00	35.00
	2.54	0.00	18.00	0.00	35.00
86	2.54	18.00	-18.00	5.00	30.00
	2.54	18.00	18.00	5.00	30.00
	2.54	-18.00	18.00	5.00	30.00
	2.54	-18.00	-18.00	5.00	30.00
	2.54	18.00	0.00	5.00	30.00

	2.54	-18.00	0.00	5.00	30.00
	2.54	0.00	-18.00	5.00	30.00
	2.54	0.00	18.00	5.00	30.00
87	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
88	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
89	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
90	2.01	18.00	-18.00	35.00	85.00
	2.01	18.00	18.00	35.00	85.00
	2.01	-18.00	18.00	35.00	85.00
	2.01	-18.00	-18.00	35.00	85.00
	2.01	18.00	0.00	35.00	85.00
	2.01	-18.00	0.00	35.00	85.00
	2.01	0.00	-18.00	35.00	85.00
	2.01	0.00	18.00	35.00	85.00
91	2.01	18.00	-18.00	35.00	115.00
	2.01	18.00	18.00	35.00	115.00
	2.01	-18.00	18.00	35.00	115.00
	2.01	-18.00	-18.00	35.00	115.00
	2.01	18.00	0.00	35.00	115.00
	2.01	-18.00	0.00	35.00	115.00
	2.01	0.00	-18.00	35.00	115.00
	2.01	0.00	18.00	35.00	115.00
92	1.54	-33.00	4.33	0.00	610.00
	1.54	-33.00	-4.33	0.00	610.00
	0.50	33.00	0.00	0.00	610.00
	0.50	33.00	-6.50	0.00	610.00
	0.50	33.00	6.50	0.00	610.00
	2.01	-33.00	-13.00	0.00	610.00
	2.01	-33.00	13.00	0.00	610.00
	2.01	33.00	13.00	0.00	610.00
	2.01	33.00	-13.00	0.00	610.00
93	1.54	-33.00	0.00	0.00	550.01
	1.54	-33.00	6.50	0.00	550.01
	1.54	-33.00	-6.50	0.00	550.01
	0.50	33.00	0.00	0.00	550.01
	0.50	33.00	-6.50	0.00	550.01
	0.50	33.00	6.50	0.00	550.01
	1.54	-33.00	-13.00	0.00	550.01
	1.54	-33.00	13.00	0.00	550.01
	1.54	33.00	13.00	0.00	550.01

	1.54	33.00	-13.00	0.00	550.01
	1.13	-18.00	6.00	0.00	427.20
	1.13	-18.00	-6.00	0.00	427.20
	0.79	18.00	-6.00	0.00	427.20
	0.79	18.00	6.00	0.00	427.20
	1.54	-18.00	-18.00	0.00	427.20
	1.54	-18.00	18.00	0.00	427.20
	1.54	18.00	18.00	0.00	427.20
	1.54	18.00	-18.00	0.00	427.20
95	2.01	18.00	-18.00	35.00	115.00
	2.01	18.00	18.00	35.00	115.00
	2.01	-18.00	18.00	35.00	115.00
	2.01	-18.00	-18.00	35.00	115.00
	2.01	18.00	0.00	35.00	115.00
	2.01	-18.00	0.00	35.00	115.00
	2.01	0.00	-18.00	35.00	115.00
	2.01	0.00	18.00	35.00	115.00
96	2.01	18.00	-18.00	35.00	115.00
	2.01	18.00	18.00	35.00	115.00
	2.01	-18.00	18.00	35.00	115.00
	2.01	-18.00	-18.00	35.00	115.00
	2.01	18.00	0.00	35.00	115.00
	2.01	-18.00	0.00	35.00	115.00
	2.01	0.00	-18.00	35.00	115.00
	2.01	0.00	18.00	35.00	115.00
97	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
98	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
99	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
100	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
101	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00

	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
102	2.54	18.00	-38.00	35.00	235.00
	2.54	18.00	38.00	35.00	235.00
	2.54	-18.00	38.00	35.00	235.00
	2.54	-18.00	-38.00	35.00	235.00
	2.54	18.00	0.00	35.00	235.00
	2.54	-18.00	0.00	35.00	235.00
	2.54	0.00	-38.00	35.00	235.00
	2.54	0.00	38.00	35.00	235.00
103	2.01	18.00	-18.00	35.00	235.00
	2.01	18.00	18.00	35.00	235.00
	2.01	-18.00	18.00	35.00	235.00
	2.01	-18.00	-18.00	35.00	235.00
	2.01	18.00	0.00	35.00	235.00
	2.01	-18.00	0.00	35.00	235.00
	2.01	0.00	-18.00	35.00	235.00
	2.01	0.00	18.00	35.00	235.00
454	2.01	18.00	-18.00	35.00	325.00
	2.01	18.00	18.00	35.00	325.00
	2.01	-18.00	18.00	35.00	325.00
	2.01	-18.00	-18.00	35.00	325.00
	2.01	18.00	0.00	35.00	325.00
	2.01	-18.00	0.00	35.00	325.00
	2.01	0.00	-18.00	35.00	325.00
	2.01	0.00	18.00	35.00	325.00
455	2.54	18.00	-18.00	35.00	325.00
	2.54	18.00	18.00	35.00	325.00
	2.54	-18.00	18.00	35.00	325.00
	2.54	-18.00	-18.00	35.00	325.00
	2.54	18.00	0.00	35.00	325.00
	2.54	-18.00	0.00	35.00	325.00
	2.54	0.00	-18.00	35.00	325.00
	2.54	0.00	18.00	35.00	325.00
456	2.01	18.00	-18.00	35.00	325.00
	2.01	18.00	18.00	35.00	325.00
	2.01	-18.00	18.00	35.00	325.00
	2.01	-18.00	-18.00	35.00	325.00
	2.01	18.00	0.00	35.00	325.00
	2.01	-18.00	0.00	35.00	325.00
	2.01	0.00	-18.00	35.00	325.00
	2.01	0.00	18.00	35.00	325.00
457	2.54	18.00	-38.00	35.00	325.00
	2.54	18.00	38.00	35.00	325.00
	2.54	-18.00	38.00	35.00	325.00
	2.54	-18.00	-38.00	35.00	325.00
	2.54	18.00	0.00	35.00	325.00
	2.54	-18.00	0.00	35.00	325.00
	2.54	0.00	-38.00	35.00	325.00
	2.54	0.00	38.00	35.00	325.00
458	2.54	18.00	-18.00	35.00	325.00
	2.54	18.00	18.00	35.00	325.00
	2.54	-18.00	18.00	35.00	325.00
	2.54	-18.00	-18.00	35.00	325.00
	2.54	18.00	0.00	35.00	325.00
	2.54	-18.00	0.00	35.00	325.00
	2.54	0.00	-18.00	35.00	325.00

2.01	-18.00	-18.00	35.00	325.00
2.01	18.00	0.00	35.00	325.00
2.01	-18.00	0.00	35.00	325.00
2.01	0.00	-18.00	35.00	325.00
2.01	0.00	18.00	35.00	325.00
0.79	-23.00	6.00	0.00	270.00
0.79	-23.00	-6.00	0.00	270.00
0.79	23.00	-6.00	0.00	270.00
0.79	23.00	6.00	0.00	270.00
1.13	-23.00	-18.00	0.00	270.00
1.13	-23.00	18.00	0.00	270.00
1.13	23.00	18.00	0.00	270.00
1.13	23.00	-18.00	0.00	270.00
1.54	-23.00	6.00	0.00	380.00
1.54	-23.00	-6.00	0.00	380.00
0.79	23.00	-6.00	0.00	380.00
0.79	23.00	6.00	0.00	380.00
1.54	-23.00	-18.00	0.00	380.00
1.54	-23.00	18.00	0.00	380.00
1.54	23.00	18.00	0.00	380.00
1.54	23.00	-18.00	0.00	380.00
1.13	-23.00	4.33	0.00	430.00
1.13	-23.00	-4.33	0.00	430.00
1.54	23.00	-4.33	0.00	430.00
1.54	23.00	4.33	0.00	430.00
2.01	-23.00	-13.00	0.00	430.00
2.01	-23.00	13.00	0.00	430.00
2.01	23.00	13.00	0.00	430.00
2.01	23.00	-13.00	0.00	430.00
1.13	-23.00	4.33	0.00	390.00
1.13	-23.00	-4.33	0.00	390.00
0.79	23.00	-4.33	0.00	390.00
0.79	23.00	4.33	0.00	390.00
1.54	-23.00	-13.00	0.00	390.00
1.54	-23.00	13.00	0.00	390.00
1.54	23.00	13.00	0.00	390.00
1.54	23.00	-13.00	0.00	390.00
1.54	-23.00	4.33	0.00	430.00
1.54	-23.00	-4.33	0.00	430.00
0.79	23.00	-4.33	0.00	430.00
0.79	23.00	4.33	0.00	430.00
1.54	-23.00	-13.00	0.00	430.00
1.54	-23.00	13.00	0.00	430.00
1.54	23.00	13.00	0.00	430.00
1.54	23.00	-13.00	0.00	430.00
0.79	-23.00	4.33	0.00	300.00
0.79	-23.00	-4.33	0.00	300.00
0.79	23.00	-4.33	0.00	300.00
0.79	23.00	4.33	0.00	300.00
1.13	-23.00	-13.00	0.00	300.00
1.13	-23.00	13.00	0.00	300.00
1.13	23.00	13.00	0.00	300.00
1.13	23.00	-13.00	0.00	300.00
0.79	-18.00	6.00	0.00	270.00
0.79	-18.00	-6.00	0.00	270.00
0.79	18.00	-6.00	0.00	270.00
0.79	18.00	6.00	0.00	270.00
1.13	-18.00	-18.00	0.00	270.00
1.13	-18.00	18.00	0.00	270.00
1.13	18.00	18.00	0.00	270.00

	1.13	18.00	-18.00	0.00	270.00
	1.54	-18.00	6.00	0.00	380.00
	1.54	-18.00	-6.00	0.00	380.00
	0.79	18.00	-6.00	0.00	380.00
	0.79	18.00	6.00	0.00	380.00
	1.54	-18.00	-18.00	0.00	380.00
	1.54	-18.00	18.00	0.00	380.00
	1.54	18.00	18.00	0.00	380.00
	1.54	18.00	-18.00	0.00	380.00
	2.01	-23.00	6.00	0.00	430.00
	2.01	-23.00	-6.00	0.00	430.00
	1.54	23.00	-6.00	0.00	430.00
	1.54	23.00	6.00	1.98e-014	430.00
	2.01	-23.00	-18.00	0.00	430.00
	2.01	-23.00	18.00	2.87e-013	430.00
	2.01	23.00	18.00	2.87e-013	430.00
	2.01	23.00	-18.00	0.00	430.00
506	1.54	23.00	-12.00	0.00	1.00
	1.54	23.00	-12.00	389.00	1.00
	1.54	23.00	12.00	0.00	1.00
	1.54	23.00	12.00	389.00	1.00
	1.54	-23.00	3.60	0.00	390.00
	1.54	-23.00	-3.60	0.00	390.00
	1.54	-23.00	10.80	0.00	390.00
	1.54	-23.00	-10.80	0.00	390.00
	1.54	23.00	-6.00	0.00	390.00
	1.54	23.00	6.00	0.00	390.00
	1.54	-23.00	-18.00	2.00	386.00
	2.01	-23.00	18.00	2.00	388.00
	2.01	23.00	18.00	2.00	388.00
	1.54	23.00	-18.00	2.00	386.00
	1.54	-23.00	6.00	0.00	430.00
	1.54	-23.00	-6.00	0.00	430.00
	0.79	23.00	-6.00	0.00	430.00
	0.79	23.00	6.00	0.00	430.00
	1.54	-23.00	-18.00	0.00	430.00
	1.54	-23.00	18.00	0.00	430.00
	1.54	23.00	18.00	0.00	430.00
	1.54	23.00	-18.00	0.00	430.00
	0.79	-23.00	6.00	0.00	300.00
	0.79	-23.00	-6.00	0.00	300.00
	0.79	23.00	-6.00	0.00	300.00
	0.79	23.00	6.00	0.00	300.00
	1.13	-23.00	-18.00	0.00	300.00
	1.13	-23.00	18.00	0.00	300.00
	1.13	23.00	18.00	0.00	300.00
	1.13	23.00	-18.00	0.00	300.00
	0.79	-23.00	6.00	0.00	300.00
	0.79	-23.00	-6.00	0.00	300.00
	0.79	23.00	-6.00	0.00	300.00
	0.79	23.00	6.00	0.00	300.00
	0.79	-23.00	-18.00	0.00	300.00
	0.79	-23.00	18.00	0.00	300.00
	0.79	23.00	18.00	0.00	300.00
	0.79	23.00	-18.00	0.00	300.00
	1.54	-23.00	6.00	0.00	510.00
	1.54	-23.00	-6.00	0.00	510.00
	0.79	23.00	-6.00	0.00	510.00
	0.79	23.00	6.00	0.00	510.00
	1.13	-23.00	-18.00	0.00	510.00
	1.13	-23.00	18.00	0.00	510.00

1.13	23.00	18.00	0.00	510.00
1.13	23.00	-18.00	0.00	510.00
2.01	-33.00	6.00	0.00	430.00
2.01	-33.00	-6.00	0.00	430.00
0.79	33.00	0.00	0.00	430.00
0.79	33.00	-9.00	0.00	430.00
0.79	33.00	9.00	0.00	430.00
2.54	-33.00	-18.00	0.00	430.00
2.54	-33.00	18.00	0.00	430.00
2.54	33.00	18.00	0.00	430.00
2.54	33.00	-18.00	0.00	430.00
1.54	-33.00	6.00	0.00	390.00
1.54	-33.00	-6.00	0.00	390.00
0.79	33.00	0.00	0.00	390.00
0.79	33.00	-9.00	0.00	390.00
0.79	33.00	9.00	0.00	390.00
2.01	-33.00	-18.00	0.00	390.00
2.01	-33.00	18.00	0.00	390.00
2.01	33.00	18.00	0.00	390.00
2.01	33.00	-18.00	0.00	390.00
2.01	-33.00	6.00	0.00	430.00
2.01	-33.00	-6.00	0.00	430.00
0.79	33.00	0.00	0.00	430.00
0.79	33.00	-9.00	0.00	430.00
0.79	33.00	9.00	0.00	430.00
2.01	-33.00	-18.00	0.00	430.00
2.01	-33.00	18.00	0.00	430.00
2.01	33.00	18.00	0.00	430.00
2.01	33.00	-18.00	0.00	430.00
1.13	-33.00	6.00	0.00	300.00
1.13	-33.00	-6.00	0.00	300.00
0.79	33.00	0.00	0.00	300.00
0.79	33.00	-9.00	0.00	300.00
0.79	33.00	9.00	0.00	300.00
1.13	-33.00	-18.00	0.00	300.00
1.13	-33.00	18.00	0.00	300.00
1.13	33.00	18.00	0.00	300.00
1.13	33.00	-18.00	0.00	300.00
0.79	-18.00	6.00	0.00	300.00
0.79	-18.00	-6.00	0.00	300.00
0.79	18.00	-6.00	0.00	300.00
0.79	18.00	6.00	0.00	300.00
1.13	-18.00	-18.00	0.00	300.00
1.13	-18.00	18.00	0.00	300.00
1.13	18.00	18.00	0.00	300.00
1.13	18.00	-18.00	0.00	300.00
2.01	-18.00	6.00	0.00	510.00
2.01	-18.00	-6.00	0.00	510.00
0.79	18.00	-6.00	0.00	510.00
0.79	18.00	6.00	0.00	510.00
2.54	-18.00	-18.00	0.00	510.00
2.54	-18.00	18.00	0.00	510.00
2.54	18.00	18.00	0.00	510.00
2.54	18.00	-18.00	0.00	510.00
1.54	-18.00	6.00	0.00	400.00
1.54	-18.00	-6.00	0.00	400.00
0.79	18.00	-6.00	0.00	400.00
0.79	18.00	6.00	0.00	400.00
1.54	-18.00	-18.00	0.00	400.00
1.54	-18.00	18.00	0.00	400.00
1.54	18.00	18.00	0.00	400.00

1.54	18.00	-18.00	0.00	400.00
0.79	-18.00	6.00	0.00	300.00
0.79	-18.00	-6.00	0.00	300.00
0.79	18.00	-6.00	0.00	300.00
0.79	18.00	6.00	0.00	300.00
1.13	-18.00	-18.00	0.00	300.00
1.13	-18.00	18.00	0.00	300.00
1.13	18.00	18.00	0.00	300.00
1.13	18.00	-18.00	0.00	300.00
2.01	-18.00	6.00	0.00	510.00
2.01	-18.00	-6.00	0.00	510.00
0.79	18.00	-6.00	0.00	510.00
0.79	18.00	6.00	0.00	510.00
2.54	-18.00	-18.00	0.00	510.00
2.54	-18.00	18.00	0.00	510.00
2.54	18.00	18.00	0.00	510.00
2.54	18.00	-18.00	0.00	510.00
1.54	-23.00	6.00	0.00	397.51
1.54	-23.00	-6.00	0.00	397.51
0.79	23.00	-6.00	0.00	397.51
0.79	23.00	6.00	0.00	397.51
1.54	-23.00	-18.00	0.00	397.51
1.54	-23.00	18.00	0.00	397.51
1.54	23.00	18.00	0.00	397.51
1.54	23.00	-18.00	0.00	397.51
0.79	-18.00	6.00	0.00	300.00
0.79	-18.00	-6.00	0.00	300.00
0.79	18.00	-6.00	0.00	300.00
0.79	18.00	6.00	0.00	300.00
1.13	-18.00	-18.00	0.00	300.00
1.13	-18.00	18.00	0.00	300.00
1.13	18.00	18.00	0.00	300.00
1.13	18.00	-18.00	0.00	300.00
2.01	-18.00	6.00	0.00	490.03
2.01	-18.00	-6.00	0.00	490.03
0.79	18.00	-6.00	0.00	490.03
0.79	18.00	6.00	0.00	490.03
2.54	-18.00	-18.00	0.00	490.03
2.54	-18.00	18.00	0.00	490.03
2.54	18.00	18.00	0.00	490.03
2.54	18.00	-18.00	0.00	490.03
0.79	-18.00	6.00	0.00	297.51
0.79	-18.00	-6.00	0.00	297.51
0.79	18.00	-6.00	0.00	297.51
0.79	18.00	6.00	0.00	297.51
1.13	-18.00	-18.00	0.00	297.51
1.13	-18.00	18.00	0.00	297.51
1.13	18.00	18.00	0.00	297.51
1.13	18.00	-18.00	0.00	297.51
2.01	-18.00	6.00	0.00	467.51
2.01	-18.00	-6.00	0.00	467.51
0.79	18.00	-6.00	0.00	467.51
0.79	18.00	6.00	0.00	467.51
2.54	-18.00	-18.00	0.00	467.51
2.54	-18.00	18.00	0.00	467.51
2.54	18.00	18.00	0.00	467.51
2.54	18.00	-18.00	0.00	467.51
1.13	-33.00	0.00	0.00	547.50
1.13	-33.00	9.00	0.00	547.50
1.13	-33.00	-9.00	0.00	547.50

0.50	33.00	0.00	0.00	547.50
0.50	33.00	-9.00	0.00	547.50
0.50	33.00	9.00	0.00	547.50
1.13	-33.00	-5.33	0.00	547.50
1.13	33.00	-5.33	0.00	547.50
1.13	-33.00	5.33	0.00	547.50
1.13	33.00	5.33	0.00	547.50
1.13	-33.00	-18.00	0.00	547.50
1.13	-33.00	18.00	0.00	547.50
1.13	33.00	18.00	0.00	547.50
1.13	33.00	-18.00	0.00	547.50
1.54	-33.00	0.00	0.00	610.00
1.54	-33.00	9.00	0.00	610.00
1.54	-33.00	-9.00	0.00	610.00
0.50	33.00	0.00	0.00	610.00
0.50	33.00	-9.00	0.00	610.00
0.50	33.00	9.00	0.00	610.00
1.13	-33.00	-5.33	0.00	610.00
1.13	33.00	-5.33	0.00	610.00
1.13	-33.00	5.33	0.00	610.00
1.13	33.00	5.33	0.00	610.00
1.13	-33.00	-18.00	0.00	610.00
1.13	-33.00	18.00	0.00	610.00
1.13	33.00	18.00	0.00	610.00
1.13	33.00	-18.00	0.00	610.00
1.13	-33.00	0.00	0.00	550.01
1.13	-33.00	9.00	0.00	550.01
1.13	-33.00	-9.00	0.00	550.01
0.50	33.00	0.00	0.00	550.01
0.50	33.00	-9.00	0.00	550.01
0.50	33.00	9.00	0.00	550.01
1.13	-33.00	-5.33	0.00	550.01
1.13	33.00	-5.33	0.00	550.01
1.13	-33.00	5.33	0.00	550.01
1.13	33.00	5.33	0.00	550.01
1.13	-33.00	-18.00	0.00	550.01
1.13	-33.00	18.00	0.00	550.01
1.13	33.00	18.00	0.00	550.01
1.13	33.00	-18.00	0.00	550.01
2.01	-33.00	3.60	0.00	802.50
2.01	-33.00	-3.60	0.00	802.50
2.01	-33.00	10.80	0.00	802.50
2.01	-33.00	-10.80	0.00	802.50
0.79	33.00	-3.60	0.00	802.50
0.79	33.00	3.60	0.00	802.50
0.79	33.00	-10.80	0.00	802.50
0.79	33.00	10.80	0.00	802.50
3.14	-33.00	-18.00	0.00	802.50
3.14	-33.00	18.00	0.00	802.50
3.14	33.00	18.00	0.00	802.50
3.14	33.00	-18.00	0.00	802.50
2.01	-33.00	0.00	0.00	545.00
2.01	-33.00	9.00	0.00	545.00
2.01	-33.00	-9.00	0.00	545.00
0.79	33.00	-3.60	0.00	545.00
0.79	33.00	3.60	0.00	545.00
0.79	33.00	-10.80	0.00	545.00
0.79	33.00	10.80	0.00	545.00
2.54	-33.00	-18.00	0.00	545.00
2.54	-33.00	18.00	0.00	545.00
2.54	33.00	18.00	0.00	545.00
2.54	33.00	-18.00	0.00	545.00

2.01	-33.00	0.00	0.00	610.00
2.01	-33.00	9.00	0.00	610.00
2.01	-33.00	-9.00	0.00	610.00
0.79	33.00	-3.60	0.00	610.00
0.79	33.00	3.60	0.00	610.00
0.79	33.00	-10.80	0.00	610.00
0.79	33.00	10.80	0.00	610.00
3.14	-33.00	-18.00	0.00	610.00
3.14	-33.00	18.00	0.00	610.00
3.14	33.00	18.00	0.00	610.00
3.14	33.00	-18.00	0.00	610.00
1.54	-33.00	0.00	0.00	550.00
1.54	-33.00	9.00	0.00	550.00
1.54	-33.00	-9.00	0.00	550.00
0.79	33.00	-3.60	0.00	550.00
0.79	33.00	3.60	0.00	550.00
0.79	33.00	-10.80	0.00	550.00
0.79	33.00	10.80	0.00	550.00
2.54	-33.00	-18.00	0.00	550.00
2.54	-33.00	18.00	0.00	550.00
2.54	33.00	18.00	0.00	550.00
2.54	33.00	-18.00	0.00	550.00
1.54	-33.00	0.00	0.00	640.00
1.54	-33.00	9.00	0.00	640.00
1.54	-33.00	-9.00	0.00	640.00
0.79	33.00	-3.60	0.00	640.00
0.79	33.00	3.60	0.00	640.00
0.79	33.00	-10.80	0.00	640.00
0.79	33.00	10.80	0.00	640.00
3.14	-33.00	-18.00	0.00	640.00
3.14	-33.00	18.00	0.00	640.00
3.14	33.00	18.00	0.00	640.00
3.14	33.00	-18.00	0.00	640.00
1.13	-33.00	0.00	0.00	560.00
1.13	-33.00	9.00	0.00	560.00
1.13	-33.00	-9.00	0.00	560.00
0.79	33.00	-3.60	0.00	560.00
0.79	33.00	3.60	0.00	560.00
0.79	33.00	-10.80	0.00	560.00
0.79	33.00	10.80	0.00	560.00
2.54	-33.00	-18.00	0.00	560.00
2.54	-33.00	18.00	0.00	560.00
2.54	33.00	18.00	0.00	560.00
2.54	33.00	-18.00	0.00	560.00
1.54	-33.00	14.40	0.00	270.00
1.54	-33.00	-14.40	0.00	270.00
1.54	-33.00	10.80	0.00	270.00
1.54	-33.00	-10.80	0.00	270.00
1.54	33.00	0.00	0.00	270.00
1.54	33.00	-9.00	0.00	270.00
1.54	33.00	9.00	0.00	270.00
2.01	-33.00	-5.33	0.00	270.00
2.01	33.00	-5.33	0.00	270.00
2.01	-33.00	5.33	0.00	270.00
2.01	33.00	5.33	0.00	270.00
2.01	-33.00	-18.00	0.00	270.00
2.01	-33.00	18.00	0.00	270.00
2.01	33.00	18.00	0.00	270.00
2.01	33.00	-18.00	0.00	270.00
1.54	-33.00	14.40	0.00	380.00
1.54	-33.00	-14.40	0.00	380.00
1.54	-33.00	10.80	0.00	380.00

1.54	-33.00	-10.80	0.00	380.00
2.01	33.00	0.00	0.00	380.00
2.01	33.00	-9.00	0.00	380.00
2.01	33.00	9.00	0.00	380.00
2.01	-33.00	-5.33	0.00	380.00
2.01	33.00	-5.33	0.00	380.00
2.01	-33.00	5.33	0.00	380.00
2.01	33.00	5.33	0.00	380.00
2.01	-33.00	-18.00	0.00	380.00
2.01	-33.00	18.00	0.00	380.00
2.01	33.00	18.00	0.00	380.00
2.01	33.00	-18.00	0.00	380.00
1.54	-33.00	3.60	0.00	380.00
1.54	-33.00	-3.60	0.00	380.00
1.54	-33.00	10.80	0.00	380.00
1.54	-33.00	-10.80	0.00	380.00
2.01	33.00	0.00	0.00	380.00
2.01	33.00	-9.00	0.00	380.00
2.01	33.00	9.00	0.00	380.00
2.01	-33.00	-18.00	0.00	380.00
2.01	-33.00	18.00	0.00	380.00
2.01	33.00	18.00	0.00	380.00
2.01	33.00	-18.00	0.00	380.00
2.01	-33.00	14.40	0.00	797.82
2.01	-33.00	-14.40	0.00	797.82
2.01	-33.00	10.80	0.00	797.82
2.01	-33.00	-10.80	0.00	797.82
0.79	33.00	0.00	0.00	797.82
0.79	33.00	-9.00	0.00	797.82
0.79	33.00	9.00	0.00	797.82
1.54	-33.00	-5.33	0.00	797.82
1.54	33.00	-5.33	0.00	797.82
1.54	-33.00	5.33	0.00	797.82
1.54	33.00	5.33	0.00	797.82
1.54	-33.00	-18.00	0.00	797.82
1.54	-33.00	18.00	0.00	797.82
1.54	33.00	18.00	0.00	797.82
1.54	33.00	-18.00	0.00	797.82
1.13	-33.00	0.00	0.00	550.28
1.13	-33.00	12.00	0.00	550.28
1.13	-33.00	-12.00	0.00	550.28
1.13	33.00	-12.00	0.00	550.28
1.13	33.00	12.00	0.00	550.28
1.13	-33.00	-5.33	0.00	550.28
1.13	33.00	-5.33	0.00	550.28
1.13	-33.00	5.33	0.00	550.28
1.13	33.00	5.33	0.00	550.28
1.13	-33.00	-18.00	0.00	550.28
1.13	-33.00	18.00	0.00	550.28
1.13	33.00	18.00	0.00	550.28
1.13	33.00	-18.00	0.00	550.28
539	2.01	33.00	0.00	1.00
	2.01	33.00	0.00	609.00
	2.01	33.00	-9.00	0.00
	2.01	33.00	-9.00	609.00
	2.01	33.00	9.00	0.00
	2.01	33.00	9.00	609.00
	1.13	-33.00	0.00	0.00
	1.13	-33.00	12.00	0.00
	1.13	-33.00	-12.00	0.00
	1.13	33.00	-12.00	0.00
	1.13	33.00	12.00	0.00
	1.13	-33.00	-5.33	2.00

1.13	33.00	-5.33	2.00	606.00
1.13	-33.00	5.33	2.00	606.00
1.13	33.00	5.33	2.00	606.00
1.13	-33.00	-18.00	2.00	606.00
1.13	-33.00	18.00	2.00	606.00
1.13	33.00	18.00	2.00	606.00
1.13	33.00	-18.00	2.00	606.00
1.13	-33.00	0.00	0.00	550.01
1.13	-33.00	12.00	0.00	550.01
1.13	-33.00	-12.00	0.00	550.01
1.13	33.00	-12.00	0.00	550.01
1.13	33.00	12.00	0.00	550.01
1.13	-33.00	-5.33	0.00	550.01
1.13	33.00	-5.33	0.00	550.01
1.13	-33.00	5.33	0.00	550.01
1.13	33.00	5.33	0.00	550.01
1.13	-33.00	-18.00	0.00	550.01
1.13	-33.00	18.00	0.00	550.01
1.13	33.00	18.00	0.00	550.01
1.13	33.00	-18.00	0.00	550.01
1.54	-33.00	0.00	0.00	640.00
1.54	-33.00	12.00	0.00	640.00
1.54	-33.00	-12.00	0.00	640.00
1.54	33.00	-12.00	0.00	640.00
1.54	33.00	12.00	0.00	640.00
2.01	-33.00	-5.33	0.00	640.00
2.01	33.00	-5.33	0.00	640.00
2.01	-33.00	5.33	0.00	640.00
2.01	33.00	5.33	0.00	640.00
2.01	-33.00	-18.00	0.00	640.00
2.01	-33.00	18.00	0.00	640.00
2.01	33.00	18.00	0.00	640.00
2.01	33.00	-18.00	0.00	640.00
1.54	-33.00	12.00	0.00	560.00
1.54	-33.00	-12.00	0.00	560.00
1.54	33.00	-12.00	0.00	560.00
1.54	33.00	12.00	0.00	560.00
1.13	-33.00	-5.33	0.00	560.00
1.13	33.00	-5.33	0.00	560.00
1.13	-33.00	5.33	0.00	560.00
1.13	33.00	5.33	0.00	560.00
1.13	-33.00	-18.00	0.00	560.00
1.13	-33.00	18.00	0.00	560.00
1.13	33.00	18.00	0.00	560.00
1.13	33.00	-18.00	0.00	560.00
0.79	-33.00	0.00	0.00	270.00
1.13	33.00	-12.00	0.00	270.00
1.13	33.00	12.00	0.00	270.00
0.79	-33.00	-5.33	0.00	270.00
0.79	33.00	-5.33	0.00	270.00
1.13	-33.00	5.33	1.83e-012	270.00
1.13	33.00	5.33	1.83e-012	270.00
0.79	-33.00	-18.00	0.00	270.00
1.13	-33.00	18.00	6.10e-012	270.00
1.13	33.00	18.00	6.10e-012	270.00
0.79	33.00	-18.00	0.00	270.00
544	0.79	-33.00	0.00	380.00
	0.79	-33.00	9.00	380.00
	0.79	-33.00	-9.00	380.00
	0.50	33.00	0.00	380.00
	0.50	33.00	-9.00	380.00
	0.50	33.00	9.00	380.00

1.13	-33.00	-5.33	2.00	376.00
1.13	33.00	-5.33	2.00	376.00
1.13	-33.00	5.33	2.00	378.00
1.13	33.00	5.33	2.00	378.00
1.13	-33.00	-18.00	2.00	376.00
1.13	-33.00	18.00	2.00	378.00
1.13	33.00	18.00	2.00	378.00
1.13	33.00	-18.00	2.00	376.00
0.79	-23.00	4.33	0.00	270.00
0.79	-23.00	-4.33	0.00	270.00
2.01	23.00	-4.33	0.00	270.00
2.01	23.00	4.33	0.00	270.00
2.01	-23.00	-13.00	0.50	269.50
1.13	-23.00	13.00	0.00	270.00
1.13	23.00	13.00	0.00	270.00
2.01	23.00	-13.00	0.50	269.50
1.54	-23.00	4.33	0.00	380.00
1.54	-23.00	-4.33	0.00	380.00
0.79	23.00	-4.33	0.00	380.00
0.79	23.00	4.33	0.00	380.00
2.01	-23.00	-13.00	0.00	380.00
2.01	-23.00	13.00	0.00	380.00
2.01	23.00	13.00	0.00	380.00
2.01	23.00	-13.00	0.00	380.00
2.01	-28.00	6.00	0.00	430.00
2.01	-28.00	-6.00	4.76e-012	430.00
0.79	28.00	-6.00	0.00	430.00
0.79	28.00	6.00	0.00	430.00
2.54	-28.00	-18.00	0.50	429.50
2.54	-28.00	18.00	0.00	430.00
2.54	28.00	18.00	0.00	430.00
2.54	28.00	-18.00	0.50	429.50
2.01	-28.00	6.00	9.00e-012	390.00
2.01	-28.00	-6.00	0.00	390.00
0.79	28.00	-6.00	0.00	390.00
0.79	28.00	6.00	0.00	390.00
2.54	-28.00	-18.00	0.00	390.00
2.01	-28.00	18.00	0.50	389.50
2.01	28.00	18.00	0.50	389.50
2.54	28.00	-18.00	0.00	390.00
2.01	-28.00	6.00	0.00	430.00
2.01	-28.00	-6.00	0.00	430.00
0.79	28.00	-6.00	0.00	430.00
0.79	28.00	6.00	0.00	430.00
2.01	-28.00	-18.00	0.00	430.00
2.01	-28.00	18.00	0.00	430.00
2.01	28.00	18.00	0.00	430.00
2.01	28.00	-18.00	0.00	430.00
1.13	-28.00	6.00	0.00	300.00
1.13	-28.00	-6.00	0.00	300.00
0.79	28.00	-6.00	0.00	300.00
0.79	28.00	6.00	0.00	300.00
1.54	-28.00	-18.00	0.00	300.00
1.54	-28.00	18.00	0.00	300.00
1.54	28.00	18.00	0.00	300.00
1.54	28.00	-18.00	0.00	300.00
0.79	-23.00	6.00	0.00	270.00
0.79	-23.00	-6.00	0.00	270.00
2.01	23.00	-6.00	0.00	270.00
2.01	23.00	6.00	0.00	270.00
2.01	-23.00	-18.00	0.50	269.50

1.13	-23.00	18.00	0.00	270.00
1.13	23.00	18.00	0.00	270.00
2.01	23.00	-18.00	0.50	269.50
1.54	-23.00	6.00	0.00	380.00
1.54	-23.00	-6.00	0.00	380.00
0.79	23.00	-6.00	0.00	380.00
0.79	23.00	6.00	0.00	380.00
2.01	-23.00	-18.00	0.00	380.00
2.01	-23.00	18.00	0.00	380.00
2.01	23.00	18.00	0.00	380.00
2.01	23.00	-18.00	0.00	380.00
2.01	-23.00	6.00	0.00	430.00
2.01	-23.00	-6.00	0.00	430.00
0.79	23.00	-6.00	0.00	430.00
0.79	23.00	6.00	0.00	430.00
2.54	-23.00	-18.00	0.00	430.00
2.54	-23.00	18.00	0.50	429.50
2.54	23.00	18.00	0.50	429.50
2.54	23.00	-18.00	0.00	430.00
1.54	-23.00	6.00	0.00	390.00
1.54	-23.00	-6.00	0.00	390.00
0.79	23.00	-6.00	0.00	390.00
0.79	23.00	6.00	0.00	390.00
2.01	-23.00	-18.00	0.50	389.50
2.54	-23.00	18.00	0.00	390.00
2.54	23.00	18.00	0.00	390.00
2.01	23.00	-18.00	0.50	389.50
1.54	-23.00	6.00	0.00	430.00
1.54	-23.00	-6.00	0.00	430.00
0.79	23.00	-6.00	0.00	430.00
0.79	23.00	6.00	0.00	430.00
2.01	-23.00	-18.00	0.00	430.00
2.01	-23.00	18.00	0.00	430.00
2.01	23.00	18.00	0.00	430.00
2.01	23.00	-18.00	0.00	430.00
1.13	-23.00	6.00	0.00	300.00
1.13	-23.00	-6.00	0.00	300.00
0.79	23.00	-6.00	0.00	300.00
0.79	23.00	6.00	0.00	300.00
1.13	-23.00	-18.00	0.50	299.50
1.13	-23.00	18.00	0.00	300.00
1.13	23.00	18.00	0.00	300.00
1.13	23.00	-18.00	0.50	299.50
0.79	-23.00	6.00	0.00	300.00
0.79	-23.00	-6.00	0.00	300.00
0.79	23.00	-6.00	0.00	300.00
0.79	23.00	6.00	0.00	300.00
1.13	-23.00	-18.00	0.00	300.00
0.79	-23.00	18.00	0.00	300.00
0.79	23.00	18.00	0.00	300.00
1.13	23.00	-18.00	0.00	300.00
1.54	-23.00	6.00	0.00	510.00
1.54	-23.00	-6.00	0.00	510.00
0.79	23.00	-6.00	0.00	510.00
0.79	23.00	6.00	0.00	510.00
1.54	-23.00	-18.00	0.00	510.00
1.54	-23.00	18.00	0.00	510.00
1.54	23.00	18.00	0.00	510.00
1.54	23.00	-18.00	0.00	510.00
2.01	-23.00	6.00	0.00	430.00

2.01	-23.00	-6.00	0.00	430.00
0.79	23.00	-6.00	0.00	430.00
0.79	23.00	6.00	0.00	430.00
2.01	-23.00	-18.00	0.50	429.50
2.01	-23.00	18.00	0.00	430.00
2.01	23.00	18.00	0.00	430.00
2.01	23.00	-18.00	0.50	429.50
1.54	-23.00	6.00	0.00	390.00
1.54	-23.00	-6.00	0.00	390.00
0.79	23.00	-6.00	0.00	390.00
0.79	23.00	6.00	0.00	390.00
2.01	-23.00	-18.00	0.00	390.00
2.01	-23.00	18.00	0.50	389.50
2.01	23.00	18.00	0.50	389.50
2.01	23.00	-18.00	0.00	390.00
2.01	-23.00	6.00	0.00	430.00
2.01	-23.00	-6.00	0.00	430.00
0.79	23.00	-6.00	0.00	430.00
0.79	23.00	6.00	0.00	430.00
2.01	-23.00	-18.00	0.50	429.50
2.01	-23.00	18.00	0.00	430.00
2.01	23.00	18.00	0.00	430.00
2.01	23.00	-18.00	0.50	429.50
0.79	-23.00	6.00	0.00	300.00
0.79	-23.00	-6.00	0.00	300.00
0.79	23.00	-6.00	0.00	300.00
0.79	23.00	6.00	0.00	300.00
2.01	-23.00	-18.00	0.50	299.50
1.13	-23.00	18.00	0.00	300.00
1.13	23.00	18.00	0.00	300.00
2.01	23.00	-18.00	0.50	299.50
0.79	-23.00	6.00	0.00	300.00
0.79	-23.00	-6.00	0.00	300.00
0.79	23.00	-6.00	0.00	300.00
0.79	23.00	6.00	0.00	300.00
2.01	-23.00	-18.00	0.00	300.00
0.79	-23.00	18.00	0.00	300.00
0.79	23.00	18.00	0.00	300.00
2.01	23.00	-18.00	0.00	300.00
1.54	-33.00	2.67	0.00	510.00
1.54	-33.00	-2.67	0.00	510.00
0.79	33.00	-2.67	0.00	510.00
0.79	33.00	2.67	0.00	510.00
1.54	-33.00	-8.00	0.00	510.00
1.54	-33.00	8.00	0.00	510.00
1.54	33.00	8.00	0.00	510.00
1.54	33.00	-8.00	0.00	510.00
1.54	-23.00	6.00	0.00	400.00
1.54	-23.00	-6.00	0.00	400.00
0.79	23.00	-6.00	0.00	400.00
0.79	23.00	6.00	0.00	400.00
2.01	-23.00	-18.00	0.00	400.00
2.01	-23.00	18.00	0.00	400.00
2.01	23.00	18.00	0.00	400.00
2.01	23.00	-18.00	0.00	400.00
1.13	-8.00	6.00	0.00	300.00
1.13	-8.00	-6.00	0.00	300.00
2.01	8.00	0.00	0.00	300.00
2.01	8.00	-9.00	0.00	300.00
2.01	8.00	9.00	0.00	300.00
2.54	-8.00	-18.00	0.00	300.00

2.54	-8.00	18.00	0.00	300.00
2.54	8.00	18.00	0.00	300.00
2.54	8.00	-18.00	0.00	300.00
2.01	-33.00	2.67	0.00	510.00
2.01	-33.00	-2.67	0.00	510.00
2.01	-33.00	-8.00	0.00	510.00
2.01	-33.00	8.00	0.00	510.00
2.01	33.00	8.00	0.00	510.00
2.01	33.00	-8.00	0.00	510.00
1.54	-23.00	6.00	0.00	397.51
1.54	-23.00	-6.00	0.00	397.51
0.79	23.00	-6.00	0.00	397.51
0.79	23.00	6.00	0.00	397.51
2.01	-23.00	-18.00	0.00	397.51
2.01	-23.00	18.00	0.00	397.51
2.01	23.00	18.00	0.00	397.51
2.01	23.00	-18.00	0.00	397.51
1.13	-23.00	4.33	0.00	300.00
1.13	-23.00	-4.33	0.00	300.00
1.54	23.00	-4.33	0.00	300.00
1.54	23.00	4.33	0.00	300.00
1.13	-23.00	-13.00	0.00	300.00
1.13	-23.00	13.00	0.00	300.00
1.13	23.00	13.00	0.00	300.00
1.13	23.00	-13.00	0.00	300.00
2.01	-33.00	2.67	0.00	490.03
2.01	-33.00	-2.67	0.00	490.03
1.54	-33.00	-8.00	0.00	490.03
1.54	-33.00	8.00	0.00	490.03
1.54	33.00	8.00	0.00	490.03
1.54	33.00	-8.00	0.00	490.03
1.13	-23.00	6.00	0.00	297.51
1.13	-23.00	-6.00	0.00	297.51
1.54	23.00	-6.00	0.00	297.51
1.54	23.00	6.00	0.00	297.51
1.13	-23.00	-18.00	0.00	297.51
1.13	-23.00	18.00	0.00	297.51
1.13	23.00	18.00	0.00	297.51
1.13	23.00	-18.00	0.00	297.51
2.01	-23.00	6.00	0.00	467.51
2.01	-23.00	-6.00	0.00	467.51
1.13	23.00	-6.00	0.00	467.51
1.13	23.00	6.00	0.00	467.51
1.54	-23.00	-18.00	0.00	467.51
1.54	-23.00	18.00	0.00	467.51
1.54	23.00	18.00	0.00	467.51
1.54	23.00	-18.00	0.00	467.51
2.01	-33.00	0.00	0.00	547.50
2.01	-33.00	9.00	0.00	547.50
2.01	-33.00	-9.00	2.46e-012	547.50
1.13	33.00	0.00	0.00	547.50
1.13	33.00	-9.00	0.00	547.50
1.54	33.00	10.80	0.00	547.50
2.01	-33.00	-5.33	0.50	547.00
2.01	33.00	-5.33	0.50	547.00
1.54	-33.00	5.33	0.00	547.50
1.54	33.00	5.33	0.00	547.50
2.01	-33.00	-18.00	0.50	547.00
1.54	-33.00	18.00	0.00	547.50
1.54	33.00	18.00	0.00	547.50

2.01	33.00	-18.00	0.50	547.00	
2.01	-33.00	0.00	0.00	610.00	
2.01	-33.00	9.00	0.00	610.00	
2.01	-33.00	-9.00	0.00	610.00	
1.13	33.00	0.00	0.00	610.00	
1.13	33.00	-9.00	0.00	610.00	
1.54	33.00	10.80	0.00	610.00	
2.01	-33.00	-5.33	0.00	610.00	
2.01	33.00	-5.33	0.00	610.00	
2.01	-33.00	5.33	0.00	610.00	
2.01	33.00	5.33	0.00	610.00	
2.01	-33.00	-18.00	0.00	610.00	
2.01	-33.00	18.00	0.00	610.00	
2.01	33.00	18.00	0.00	610.00	
2.01	33.00	-18.00	0.00	610.00	
1.54	-33.00	0.00	0.00	550.01	
1.54	-33.00	9.00	0.00	550.01	
1.54	-33.00	-9.00	0.00	550.01	
1.13	33.00	0.00	0.00	550.01	
1.13	33.00	-9.00	0.00	550.01	
1.13	33.00	9.00	0.00	550.01	
1.54	-33.00	-5.33	0.00	550.01	
1.54	33.00	-5.33	0.00	550.01	
1.54	-33.00	5.33	0.00	550.01	
1.54	33.00	5.33	0.00	550.01	
1.54	-33.00	-18.00	0.00	550.01	
1.54	-33.00	18.00	0.00	550.01	
1.54	33.00	18.00	0.00	550.01	
1.54	33.00	-18.00	0.00	550.01	
2.01	-33.00	14.40	0.00	802.50	
2.01	-33.00	-14.40	0.00	802.50	
2.01	-33.00	10.80	0.00	802.50	
2.01	-33.00	-10.80	0.00	802.50	
2.01	33.00	0.00	0.00	802.50	
2.01	33.00	-9.00	0.00	802.50	
2.01	33.00	9.00	1.40e-002	802.49	
2.54	-33.00	-5.33	0.00	802.50	
2.54	33.00	-5.33	0.00	802.50	
2.01	-33.00	5.33	0.00	802.50	
2.01	33.00	5.33	0.00	802.50	
2.54	-33.00	-18.00	0.00	802.50	
2.01	-33.00	18.00	0.00	802.50	
2.01	33.00	18.00	0.00	802.50	
2.54	33.00	-18.00	0.00	802.50	
2.54	-33.00	0.00	0.00	545.00	
2.54	-33.00	9.00	0.00	545.00	
2.54	-33.00	-9.00	7.40e-012	545.00	
2.01	33.00	0.00	0.00	545.00	
2.01	33.00	-9.00	7.40e-012	545.00	
2.01	33.00	9.00	0.00	544.99	
2.54	-33.00	-5.33	4.35e-012	545.00	
2.54	33.00	-5.33	4.35e-012	545.00	
2.01	-33.00	5.33	0.00	545.00	
2.01	33.00	5.33	0.00	545.00	
2.54	-33.00	-18.00	1.48e-011	545.00	
2.01	-33.00	18.00	0.00	545.00	
2.01	33.00	18.00	0.00	545.00	
2.54	33.00	-18.00	1.48e-011	545.00	
578	2.01	33.00	15.75	0.00	1.00
	2.01	33.00	-13.50	0.00	1.00
	2.01	33.00	13.50	0.00	1.00
	2.54	-33.00	0.00	0.00	610.00

2.54	-33.00	9.00	3.61e-012	610.00
2.54	-33.00	-9.00	0.00	610.00
2.01	33.00	0.00	0.00	610.00
2.01	33.00	-9.00	0.00	610.00
2.01	33.00	9.00	3.61e-012	610.00
2.54	-33.00	-5.33	2.00	608.00
2.54	33.00	-5.33	2.00	608.00
2.54	-33.00	5.33	2.06e-012	608.00
2.54	33.00	5.33	2.06e-012	608.00
2.54	-33.00	-18.00	2.00	608.00
2.54	-33.00	18.00	7.23e-012	608.00
2.54	33.00	18.00	7.23e-012	608.00
2.54	33.00	-18.00	2.00	608.00
2.54	-33.00	0.00	0.00	550.00
2.54	-33.00	9.00	0.00	550.00
2.54	-33.00	-9.00	1.33e-012	550.00
2.01	33.00	0.00	0.00	550.00
2.01	33.00	-9.00	1.33e-012	550.00
2.01	33.00	9.00	0.00	550.00
2.54	-33.00	-5.33	1.25	548.75
2.54	33.00	-5.33	1.25	548.75
2.54	-33.00	5.33	0.00	550.00
2.54	33.00	5.33	0.00	550.00
2.54	-33.00	-18.00	1.25	548.75
2.54	-33.00	18.00	0.00	550.00
2.54	33.00	18.00	0.00	550.00
2.54	33.00	-18.00	1.25	548.75
2.54	-33.00	0.00	0.00	640.00
2.54	-33.00	9.00	0.00	640.00
2.54	-33.00	-9.00	0.00	640.00
2.01	33.00	0.00	0.00	640.00
2.01	33.00	-9.00	0.00	640.00
2.01	33.00	9.00	0.00	640.00
2.54	-33.00	-5.33	0.00	640.00
2.54	33.00	-5.33	0.00	640.00
2.01	-33.00	5.33	0.00	640.00
2.01	33.00	5.33	0.00	640.00
2.54	-33.00	-18.00	0.00	640.00
2.01	-33.00	18.00	0.00	640.00
2.01	33.00	18.00	0.00	640.00
2.54	33.00	-18.00	0.00	640.00
2.01	-33.00	0.00	0.00	560.00
2.01	-33.00	9.00	0.00	560.00
2.01	-33.00	-9.00	0.00	560.00
0.79	33.00	0.00	0.00	560.00
0.79	33.00	-9.00	0.00	560.00
0.79	33.00	9.00	0.00	560.00
2.01	-33.00	-5.33	0.00	560.00
2.01	33.00	-5.33	0.00	560.00
2.01	-33.00	5.33	0.00	560.00
2.01	33.00	5.33	0.00	560.00
2.01	-33.00	-18.00	0.00	560.00
2.01	-33.00	18.00	0.00	560.00
2.01	33.00	18.00	0.00	560.00
2.01	33.00	-18.00	0.00	560.00
1.13	-33.00	0.00	0.00	270.00
0.79	33.00	0.00	0.00	270.00
0.79	-33.00	-5.33	0.00	270.00
0.79	33.00	-5.33	0.00	270.00
1.54	-33.00	5.33	0.50	269.50
1.54	33.00	5.33	0.50	269.50
0.79	-33.00	-18.00	0.00	270.00
1.54	-33.00	18.00	0.50	269.50

1.54	33.00	18.00	0.50	269.50
0.79	33.00	-18.00	0.00	270.00
1.13	-33.00	0.00	0.00	380.00
1.13	-33.00	9.00	0.00	380.00
1.13	-33.00	-9.00	0.00	380.00
0.79	33.00	0.00	0.00	380.00
0.79	33.00	-9.00	0.00	380.00
0.79	33.00	9.00	0.00	380.00
1.54	-33.00	-5.33	0.00	380.00
1.54	33.00	-5.33	0.00	380.00
1.54	-33.00	5.33	0.00	380.00
1.54	33.00	5.33	0.00	380.00
1.54	-33.00	-18.00	0.00	380.00
1.54	-33.00	18.00	0.00	380.00
1.54	33.00	18.00	0.00	380.00
1.54	33.00	-18.00	0.00	380.00
3.80	-33.00	14.40	0.00	800.00
3.80	-33.00	-14.40	0.00	800.00
3.80	-33.00	9.00	3.99e-012	800.00
3.80	-33.00	-10.80	0.00	800.00
2.01	33.00	0.00	0.00	800.00
2.01	33.00	-9.00	0.00	800.00
2.01	33.00	9.00	7.11e-012	800.00
3.14	-33.00	-5.33	0.00	800.00
3.14	33.00	-5.33	0.00	800.00
3.14	-33.00	5.33	1.00	799.00
3.14	33.00	5.33	1.00	799.00
3.14	-33.00	-18.00	0.00	800.00
3.14	-33.00	18.00	1.00	799.00
3.14	33.00	18.00	1.00	799.00
3.14	33.00	-18.00	0.00	800.00
3.14	-33.00	0.00	0.00	545.00
3.80	-33.00	9.00	0.00	545.00
3.14	-33.00	-9.00	7.83e-012	545.00
2.01	33.00	0.00	0.00	545.00
2.01	33.00	-9.00	7.83e-012	545.00
2.01	33.00	9.00	0.00	545.00
2.54	-33.00	-5.33	1.00	544.00
2.54	33.00	-5.33	1.00	544.00
3.14	-33.00	5.33	0.00	545.00
3.14	33.00	5.33	0.00	545.00
2.54	-33.00	-18.00	1.00	544.00
3.14	-33.00	18.00	0.00	545.00
3.14	33.00	18.00	0.00	545.00
2.54	33.00	-18.00	1.00	544.00
3.14	-33.00	0.00	0.00	610.00
3.80	-33.00	9.00	4.35e-013	610.00
3.14	-33.00	-9.00	0.00	610.00
2.01	33.00	0.00	0.00	610.00
2.01	33.00	-9.00	0.00	610.00
2.01	33.00	9.00	4.35e-013	610.00
2.54	-33.00	-5.33	0.00	610.00
2.54	33.00	-5.33	0.00	610.00
2.54	-33.00	5.33	1.00	609.00
2.54	33.00	5.33	1.00	609.00
2.54	-33.00	-18.00	0.00	610.00
2.54	-33.00	18.00	1.00	609.00
2.54	33.00	18.00	1.00	609.00
2.54	33.00	-18.00	0.00	610.00
3.14	-33.00	0.00	0.00	550.00
3.80	-33.00	9.00	0.00	550.00
3.14	-33.00	-9.00	8.51e-012	550.00

	2.01	33.00	0.00	0.00	550.00
	2.01	33.00	-9.00	8.51e-012	550.00
	2.01	33.00	9.00	0.00	550.00
	3.14	-33.00	-5.33	4.96e-012	550.00
	3.14	33.00	-5.33	4.96e-012	550.00
	2.54	-33.00	5.33	0.00	550.00
	2.54	33.00	5.33	0.00	550.00
	3.14	-33.00	-18.00	1.66e-011	550.00
	2.54	-33.00	18.00	0.00	550.00
	2.54	33.00	18.00	0.00	550.00
	3.14	33.00	-18.00	1.66e-011	550.00
588	3.14	33.00	-2.25	639.00	1.00
	3.14	33.00	2.25	639.00	1.00
	3.14	33.00	11.25	639.00	1.00
	3.14	33.00	15.75	0.00	1.00
	3.14	33.00	-13.50	0.00	1.00
	3.14	33.00	13.50	0.00	1.00
	3.14	-33.00	0.00	0.00	640.00
	3.80	-33.00	9.00	0.00	640.00
	3.14	-33.00	-9.00	0.00	640.00
	2.01	33.00	0.00	0.00	640.00
	2.01	33.00	-9.00	0.00	640.00
	2.01	33.00	9.00	0.00	640.00
	3.14	-33.00	-5.33	2.00	638.00
	3.14	33.00	-5.33	2.00	638.00
	3.14	-33.00	5.33	2.00	636.00
	3.14	33.00	5.33	2.00	636.00
	3.14	-33.00	-18.00	2.00	638.00
	3.14	-33.00	18.00	2.00	636.00
	3.14	33.00	18.00	2.00	636.00
	3.14	33.00	-18.00	2.00	638.00
	2.01	-33.00	0.00	0.00	560.00
	2.01	-33.00	9.00	0.00	560.00
	2.01	-33.00	-9.00	0.00	560.00
	2.01	33.00	0.00	0.00	560.00
	2.01	33.00	-9.00	0.00	560.00
	2.01	33.00	9.00	0.00	560.00
	2.54	-33.00	-5.33	0.00	560.00
	2.54	33.00	-5.33	0.00	560.00
	2.54	-33.00	5.33	1.00	559.00
	2.54	33.00	5.33	1.00	559.00
	2.54	-33.00	-18.00	0.00	560.00
	2.54	-33.00	18.00	1.00	559.00
	2.54	33.00	18.00	1.00	559.00
	2.54	33.00	-18.00	0.00	560.00
	2.01	-33.00	0.00	0.00	270.00
	2.01	33.00	0.00	0.00	270.00
	1.54	-33.00	-5.33	0.00	270.00
	1.54	33.00	-5.33	0.00	270.00
	2.54	-33.00	5.33	1.00	269.00
	2.54	33.00	5.33	1.00	269.00
	1.54	-33.00	-18.00	0.00	270.00
	2.54	-33.00	18.00	1.00	269.00
	2.54	33.00	18.00	1.00	269.00
	1.54	33.00	-18.00	0.00	270.00
	2.01	-33.00	0.00	0.00	380.00
	2.01	-33.00	9.00	0.00	380.00
	2.01	-33.00	-9.00	0.00	380.00
	2.01	33.00	0.00	0.00	380.00
	2.01	33.00	-9.00	0.00	380.00
	2.01	33.00	9.00	0.00	380.00
	2.54	-33.00	-5.33	0.00	380.00
	2.54	33.00	-5.33	0.00	380.00

	2.54	-33.00	5.33	0.00	380.00
	2.54	33.00	5.33	0.00	380.00
	2.54	-33.00	-18.00	0.00	380.00
	2.54	-33.00	18.00	0.00	380.00
	2.54	33.00	18.00	0.00	380.00
	2.54	33.00	-18.00	0.00	380.00
	2.54	-33.00	14.40	0.00	797.82
	2.54	-33.00	-14.40	0.00	797.82
	2.54	-33.00	10.80	0.00	797.82
	2.54	-33.00	-10.80	0.00	797.82
	1.13	33.00	0.00	0.00	797.82
	1.13	33.00	-9.00	0.00	797.82
	1.13	33.00	9.00	0.00	797.82
	2.54	-33.00	-5.33	0.00	797.82
	2.54	33.00	-5.33	0.00	797.82
	2.54	-33.00	5.33	0.00	797.82
	2.54	33.00	5.33	0.00	797.82
	2.54	-33.00	-18.00	0.00	797.82
	2.54	-33.00	18.00	0.00	797.82
	2.54	33.00	18.00	0.00	797.82
	2.54	33.00	-18.00	0.00	797.82
	1.54	-33.00	0.00	0.00	550.28
	1.54	-33.00	9.00	0.00	550.28
	1.54	-33.00	-9.00	0.00	550.28
	1.13	33.00	0.00	0.00	550.28
	1.13	33.00	-9.00	0.00	550.28
	1.13	33.00	9.00	0.00	550.28
	1.54	-33.00	-5.33	0.00	550.28
	1.54	33.00	-5.33	0.00	550.28
	1.54	-33.00	5.33	0.00	550.28
	1.54	33.00	5.33	0.00	550.28
	1.54	-33.00	-18.00	0.00	550.28
	1.54	-33.00	18.00	0.00	550.28
	1.54	33.00	18.00	0.00	550.28
	1.54	33.00	-18.00	0.00	550.28
594	2.01	33.00	11.25	609.00	1.00
	2.01	33.00	15.75	609.00	1.00
	2.01	33.00	-13.50	0.00	1.00
	2.01	33.00	13.50	0.00	1.00
	2.01	-33.00	0.00	0.00	610.00
	2.01	-33.00	9.00	0.00	610.00
	2.01	-33.00	-9.00	0.00	610.00
	1.13	33.00	0.00	0.00	610.00
	1.13	33.00	-9.00	0.00	610.00
	1.13	33.00	9.00	0.00	610.00
	2.01	-33.00	-5.33	2.00	606.00
	2.01	33.00	-5.33	2.00	606.00
	2.01	-33.00	5.33	2.00	606.00
	2.01	33.00	5.33	2.00	606.00
	2.01	-33.00	-18.00	2.00	606.00
	2.01	-33.00	18.00	2.00	606.00
	2.01	33.00	18.00	2.00	606.00
	2.01	33.00	-18.00	2.00	606.00
595	2.54	33.00	11.25	549.01	1.00
	2.54	33.00	15.75	549.01	1.00
	1.54	33.00	-13.50	0.00	1.00
	1.54	33.00	13.50	0.00	1.00
	1.54	-33.00	0.00	0.00	550.01
	1.54	-33.00	9.00	0.00	550.01
	1.54	-33.00	-9.00	0.00	550.01
	1.13	33.00	0.00	0.00	550.01
	1.13	33.00	-9.00	0.00	550.01
	1.13	33.00	9.00	0.00	550.01

1.54	-33.00	-5.33	2.00	546.01	
1.54	33.00	-5.33	2.00	546.01	
1.54	-33.00	5.33	2.00	546.01	
1.54	33.00	5.33	2.00	546.01	
1.54	-33.00	-18.00	2.00	546.01	
1.54	-33.00	18.00	2.00	546.01	
1.54	33.00	18.00	2.00	546.01	
1.54	33.00	-18.00	2.00	546.01	
2.54	-33.00	0.00	0.00	640.00	
2.54	-33.00	9.00	0.00	640.00	
2.54	-33.00	-9.00	0.00	640.00	
1.13	33.00	0.00	0.00	640.00	
1.13	33.00	-9.00	0.00	640.00	
1.13	33.00	9.00	0.00	640.00	
2.54	-33.00	-5.33	0.00	640.00	
2.54	33.00	-5.33	0.00	640.00	
2.54	-33.00	5.33	0.00	640.00	
2.54	33.00	5.33	0.00	640.00	
2.54	-33.00	-18.00	0.00	640.00	
2.54	-33.00	18.00	0.00	640.00	
2.54	33.00	18.00	0.00	640.00	
2.54	33.00	-18.00	0.00	640.00	
2.01	-33.00	0.00	0.00	560.00	
2.01	-33.00	9.00	0.00	560.00	
2.01	-33.00	-9.00	0.00	560.00	
1.13	33.00	0.00	0.00	560.00	
1.13	33.00	-9.00	0.00	560.00	
1.13	33.00	9.00	0.00	560.00	
1.54	-33.00	-5.33	0.00	560.00	
1.54	33.00	-5.33	0.00	560.00	
1.54	-33.00	5.33	0.00	560.00	
1.54	33.00	5.33	0.00	560.00	
1.54	-33.00	-18.00	0.00	560.00	
1.54	-33.00	18.00	0.00	560.00	
1.54	33.00	18.00	0.00	560.00	
1.54	33.00	-18.00	0.00	560.00	
1.13	-33.00	0.00	0.00	270.00	
1.13	33.00	0.00	0.00	270.00	
1.13	-33.00	-5.33	0.00	270.00	
1.13	33.00	-5.33	0.00	270.00	
2.01	-33.00	5.33	0.50	269.50	
2.01	33.00	5.33	0.50	269.50	
1.13	-33.00	-18.00	0.00	270.00	
2.01	-33.00	18.00	0.50	269.50	
2.01	33.00	18.00	0.50	269.50	
1.13	33.00	-18.00	0.00	270.00	
1.13	-33.00	0.00	0.00	380.00	
1.13	-33.00	9.00	0.00	380.00	
1.13	-33.00	-9.00	0.00	380.00	
1.13	33.00	0.00	0.00	380.00	
1.13	33.00	-9.00	0.00	380.00	
1.13	33.00	9.00	0.00	380.00	
2.01	-33.00	-5.33	0.00	380.00	
2.01	33.00	-5.33	0.00	380.00	
2.01	-33.00	5.33	0.00	380.00	
2.01	33.00	5.33	0.00	380.00	
2.01	-33.00	-18.00	0.00	380.00	
2.01	-33.00	18.00	0.00	380.00	
2.01	33.00	18.00	0.00	380.00	
2.01	33.00	-18.00	0.00	380.00	
660	3.80	20.50	-20.50	0.00	95.00
	3.80	20.50	20.50	0.00	95.00

	3.80	-20.50	20.50	0.00	95.00
	3.80	-20.50	-20.50	0.00	95.00
	3.80	20.50	6.83	0.00	95.00
	3.80	20.50	-6.83	0.00	95.00
	3.80	-20.50	-6.83	0.00	95.00
	3.80	-20.50	6.83	0.00	95.00
	3.80	6.83	-20.50	0.00	95.00
	3.80	-6.83	-20.50	0.00	95.00
	3.80	-6.83	20.50	0.00	95.00
	3.80	6.83	20.50	0.00	95.00
	3.80	0.00	18.00	75.72	19.28
	3.80	0.00	-18.00	75.72	19.28
	3.80	-18.00	0.00	75.72	19.28
	3.80	18.00	0.00	75.72	19.28
	3.80	-18.00	-18.00	75.72	19.28
	3.80	-18.00	18.00	75.72	19.28
	3.80	18.00	18.00	75.72	19.28
	3.80	18.00	-18.00	75.72	19.28
661	3.80	20.50	-20.50	0.00	95.00
	3.80	20.50	20.50	0.00	95.00
	3.80	-20.50	20.50	0.00	95.00
	3.80	-20.50	-20.50	0.00	95.00
	3.80	20.50	6.83	0.00	95.00
	3.80	20.50	-6.83	0.00	95.00
	3.80	-20.50	-6.83	0.00	95.00
	3.80	-20.50	6.83	0.00	95.00
	3.80	6.83	-20.50	0.00	95.00
	3.80	-6.83	-20.50	0.00	95.00
	3.80	-6.83	20.50	0.00	95.00
	3.80	6.83	20.50	0.00	95.00
662	3.80	20.50	-20.50	0.00	95.00
	3.80	20.50	20.50	0.00	95.00
	3.80	-20.50	20.50	0.00	95.00
	3.80	-20.50	-20.50	0.00	95.00
	3.80	20.50	6.83	0.00	95.00
	3.80	20.50	-6.83	0.00	95.00
	3.80	-20.50	-6.83	0.00	95.00
	3.80	-20.50	6.83	0.00	95.00
	3.80	6.83	-20.50	0.00	95.00
	3.80	-6.83	-20.50	0.00	95.00
	3.80	-6.83	20.50	0.00	95.00
	3.80	6.83	20.50	0.00	95.00
663	3.80	20.50	-20.50	0.00	95.00
	3.80	20.50	20.50	0.00	95.00
	3.80	-20.50	20.50	0.00	95.00
	3.80	-20.50	-20.50	0.00	95.00
	3.80	20.50	6.83	0.00	95.00
	3.80	20.50	-6.83	0.00	95.00
	3.80	-20.50	-6.83	0.00	95.00
	3.80	-20.50	6.83	0.00	95.00
	3.80	6.83	-20.50	0.00	95.00
	3.80	-6.83	-20.50	0.00	95.00
	3.80	-6.83	20.50	0.00	95.00
	3.80	6.83	20.50	0.00	95.00
664	3.80	23.00	-23.00	0.00	95.00
	3.80	23.00	23.00	0.00	95.00
	3.80	-23.00	23.00	0.00	95.00
	3.80	-23.00	-23.00	0.00	95.00
	3.80	23.00	7.67	0.00	95.00
	3.80	23.00	-7.67	0.00	95.00
	3.80	-23.00	-7.67	0.00	95.00
	3.80	-23.00	7.67	0.00	95.00
	3.80	7.67	-23.00	0.00	95.00

	3.80	-7.67	-23.00	0.00	95.00
	3.80	-7.67	23.00	0.00	95.00
	3.80	7.67	23.00	0.00	95.00
	3.80	0.00	20.50	75.72	19.28
	3.80	0.00	-20.50	75.72	19.28
	3.80	-20.50	0.00	75.72	19.28
	3.80	20.50	0.00	75.72	19.28
	3.80	-20.50	-20.50	75.72	19.28
	3.80	-20.50	20.50	75.72	19.28
	3.80	20.50	20.50	75.72	19.28
	3.80	20.50	-20.50	75.72	19.28
665	3.80	23.00	-23.00	0.00	95.00
	3.80	23.00	23.00	0.00	95.00
	3.80	-23.00	23.00	0.00	95.00
	3.80	-23.00	-23.00	0.00	95.00
	3.80	23.00	7.67	0.00	95.00
	3.80	23.00	-7.67	0.00	95.00
	3.80	-23.00	-7.67	0.00	95.00
	3.80	-23.00	7.67	0.00	95.00
	3.80	7.67	-23.00	0.00	95.00
	3.80	-7.67	-23.00	0.00	95.00
	3.80	-7.67	23.00	0.00	95.00
	3.80	7.67	23.00	0.00	95.00
666	3.80	23.00	-23.00	0.00	95.00
	3.80	23.00	23.00	0.00	95.00
	3.80	-23.00	23.00	0.00	95.00
	3.80	-23.00	-23.00	0.00	95.00
	3.80	23.00	7.67	0.00	95.00
	3.80	23.00	-7.67	0.00	95.00
	3.80	-23.00	-7.67	0.00	95.00
	3.80	-23.00	7.67	0.00	95.00
	3.80	7.67	-23.00	0.00	95.00
	3.80	-7.67	-23.00	0.00	95.00
	3.80	-7.67	23.00	0.00	95.00
	3.80	7.67	23.00	0.00	95.00
667	3.80	23.00	-23.00	0.00	95.00
	3.80	23.00	23.00	0.00	95.00
	3.80	-23.00	23.00	0.00	95.00
	3.80	-23.00	-23.00	0.00	95.00
	3.80	23.00	7.67	0.00	95.00
	3.80	23.00	-7.67	0.00	95.00
	3.80	-23.00	-7.67	0.00	95.00
	3.80	-23.00	7.67	0.00	95.00
	3.80	7.67	-23.00	0.00	95.00
	3.80	-7.67	-23.00	0.00	95.00
	3.80	-7.67	23.00	0.00	95.00
	3.80	7.67	23.00	0.00	95.00
668	3.80	23.00	-23.00	0.00	95.00
	3.80	23.00	23.00	0.00	95.00
	3.80	-23.00	23.00	0.00	95.00
	3.80	-23.00	-23.00	0.00	95.00
	3.80	23.00	7.67	0.00	95.00
	3.80	23.00	-7.67	0.00	95.00
	3.80	-23.00	-7.67	0.00	95.00
	3.80	-23.00	7.67	0.00	95.00
	3.80	7.67	-23.00	0.00	95.00
	3.80	-7.67	-23.00	0.00	95.00
	3.80	-7.67	23.00	0.00	95.00
	3.80	7.67	23.00	0.00	95.00
	3.80	0.00	20.50	75.72	19.28
	3.80	0.00	-20.50	75.72	19.28
	3.80	-20.50	0.00	75.72	19.28
	3.80	20.50	0.00	75.72	19.28

	3.80	-20.50	-20.50	75.72	19.28
	3.80	-20.50	20.50	75.72	19.28
	3.80	20.50	20.50	75.72	19.28
	3.80	20.50	-20.50	75.72	19.28
669	3.80	23.00	-23.00	0.00	95.00
	3.80	23.00	23.00	0.00	95.00
	3.80	-23.00	23.00	0.00	95.00
	3.80	-23.00	-23.00	0.00	95.00
	3.80	23.00	7.67	0.00	95.00
	3.80	23.00	-7.67	0.00	95.00
	3.80	-23.00	-7.67	0.00	95.00
	3.80	-23.00	7.67	0.00	95.00
	3.80	7.67	-23.00	0.00	95.00
	3.80	-7.67	-23.00	0.00	95.00
	3.80	-7.67	23.00	0.00	95.00
	3.80	7.67	23.00	0.00	95.00
670	3.80	23.00	-23.00	0.00	95.00
	3.80	23.00	23.00	0.00	95.00
	3.80	-23.00	23.00	0.00	95.00
	3.80	-23.00	-23.00	0.00	95.00
	3.80	23.00	7.67	0.00	95.00
	3.80	23.00	-7.67	0.00	95.00
	3.80	-23.00	-7.67	0.00	95.00
	3.80	-23.00	7.67	0.00	95.00
	3.80	7.67	-23.00	0.00	95.00
	3.80	-7.67	-23.00	0.00	95.00
	3.80	-7.67	23.00	0.00	95.00
	3.80	7.67	23.00	0.00	95.00
671	3.80	23.00	-23.00	0.00	95.00
	3.80	23.00	23.00	0.00	95.00
	3.80	-23.00	23.00	0.00	95.00
	3.80	-23.00	-23.00	0.00	95.00
	3.80	23.00	7.67	0.00	95.00
	3.80	23.00	-7.67	0.00	95.00
	3.80	-23.00	-7.67	0.00	95.00
	3.80	-23.00	7.67	0.00	95.00
	3.80	7.67	-23.00	0.00	95.00
	3.80	-7.67	-23.00	0.00	95.00
	3.80	-7.67	23.00	0.00	95.00
	3.80	7.67	23.00	0.00	95.00
672	3.80	20.50	-20.50	0.00	95.00
	3.80	20.50	20.50	0.00	95.00
	3.80	-20.50	20.50	0.00	95.00
	3.80	-20.50	-20.50	0.00	95.00
	3.80	20.50	6.83	0.00	95.00
	3.80	20.50	-6.83	0.00	95.00
	3.80	-20.50	-6.83	0.00	95.00
	3.80	-20.50	6.83	0.00	95.00
	3.80	6.83	-20.50	0.00	95.00
	3.80	-6.83	-20.50	0.00	95.00
	3.80	-6.83	20.50	0.00	95.00
	3.80	6.83	20.50	0.00	95.00
	3.80	0.00	18.00	75.72	19.28
	3.80	0.00	-18.00	75.72	19.28
	3.80	-18.00	0.00	75.72	19.28
	3.80	18.00	0.00	75.72	19.28
	3.80	-18.00	-18.00	75.72	19.28
	3.80	-18.00	18.00	75.72	19.28
	3.80	18.00	18.00	75.72	19.28
	3.80	18.00	-18.00	75.72	19.28
673	3.80	20.50	-20.50	0.00	95.00
	3.80	20.50	20.50	0.00	95.00

	3.80	-20.50	20.50	0.00	95.00
	3.80	-20.50	-20.50	0.00	95.00
	3.80	20.50	6.83	0.00	95.00
	3.80	20.50	-6.83	0.00	95.00
	3.80	-20.50	-6.83	0.00	95.00
	3.80	-20.50	6.83	0.00	95.00
	3.80	6.83	-20.50	0.00	95.00
	3.80	-6.83	-20.50	0.00	95.00
	3.80	-6.83	20.50	0.00	95.00
	3.80	6.83	20.50	0.00	95.00
674	3.80	20.50	-20.50	0.00	95.00
	3.80	20.50	20.50	0.00	95.00
	3.80	-20.50	20.50	0.00	95.00
	3.80	-20.50	-20.50	0.00	95.00
	3.80	20.50	6.83	0.00	95.00
	3.80	20.50	-6.83	0.00	95.00
	3.80	-20.50	-6.83	0.00	95.00
	3.80	-20.50	6.83	0.00	95.00
	3.80	6.83	-20.50	0.00	95.00
	3.80	-6.83	-20.50	0.00	95.00
	3.80	-6.83	20.50	0.00	95.00
	3.80	6.83	20.50	0.00	95.00
675	3.80	20.50	-20.50	0.00	95.00
	3.80	20.50	20.50	0.00	95.00
	3.80	-20.50	20.50	0.00	95.00
	3.80	-20.50	-20.50	0.00	95.00
	3.80	20.50	6.83	0.00	95.00
	3.80	20.50	-6.83	0.00	95.00
	3.80	-20.50	-6.83	0.00	95.00
	3.80	-20.50	6.83	0.00	95.00
	3.80	6.83	-20.50	0.00	95.00
	3.80	-6.83	-20.50	0.00	95.00
	3.80	-6.83	20.50	0.00	95.00
	3.80	6.83	20.50	0.00	95.00
	2.01	-13.00	0.00	0.00	800.00
	2.01	-13.00	11.50	0.00	800.00
	2.01	-13.00	-11.50	0.00	800.00
	1.54	13.00	-18.40	0.00	800.00
	1.54	13.00	18.40	0.00	800.00
	1.54	13.00	-13.80	0.00	800.00
	1.54	13.00	13.80	0.00	800.00
	2.54	-13.00	-7.00	0.00	800.00
	2.54	13.00	-7.00	0.00	800.00
	2.54	-13.00	7.00	0.00	800.00
	2.54	13.00	7.00	0.00	800.00
	2.54	-13.00	-23.00	0.00	800.00
	2.54	-13.00	23.00	0.00	800.00
	2.54	13.00	23.00	0.00	800.00
	2.54	13.00	-23.00	0.00	800.00
	2.54	-33.00	0.00	0.00	545.00
	2.54	-33.00	9.00	0.00	545.00
	2.54	-33.00	-9.00	1.15e-011	545.00
	2.01	33.00	0.00	0.00	545.00
	2.01	33.00	-9.00	1.15e-011	545.00
	2.01	33.00	9.00	0.00	545.00
	2.54	-33.00	-5.33	0.50	544.50
	2.54	33.00	-5.33	0.50	544.50
	2.01	-33.00	5.33	0.00	545.00
	2.01	33.00	5.33	0.00	545.00
	2.54	-33.00	-18.00	0.50	544.50
	2.01	-33.00	18.00	0.00	545.00
	2.01	33.00	18.00	0.00	545.00

2.54	33.00	-18.00	0.50	544.50
2.54	-33.00	0.00	0.00	610.00
2.54	-33.00	9.00	0.00	610.00
2.54	-33.00	-9.00	0.00	610.00
2.01	33.00	0.00	0.00	610.00
2.01	33.00	-9.00	0.00	610.00
2.01	33.00	9.00	0.00	610.00
2.54	-33.00	-5.33	0.00	610.00
2.54	33.00	-5.33	0.00	610.00
2.54	-33.00	5.33	0.00	610.00
2.54	33.00	5.33	0.00	610.00
2.54	-33.00	-18.00	0.00	610.00
2.54	-33.00	18.00	0.00	610.00
2.54	33.00	18.00	0.00	610.00
2.54	33.00	-18.00	0.00	610.00
2.01	-28.00	0.00	0.00	802.50
2.01	-28.00	6.50	0.00	802.50
2.01	-28.00	-6.50	0.00	802.50
1.13	28.00	-4.33	0.00	802.50
1.13	28.00	4.33	0.00	802.50
2.54	-28.00	-13.00	0.00	802.50
2.54	-28.00	13.00	0.00	802.50
2.54	28.00	13.00	0.00	802.50
2.54	28.00	-13.00	0.00	802.50
2.54	-33.00	0.00	0.00	545.00
2.54	-33.00	9.00	0.00	545.00
2.54	-33.00	-9.00	5.58e-012	545.00
2.01	33.00	0.00	0.00	545.00
2.01	33.00	-9.00	5.58e-012	545.00
2.01	33.00	9.00	0.00	545.00
2.54	-33.00	-5.33	0.50	544.50
2.54	33.00	-5.33	0.50	544.50
2.01	-33.00	5.33	0.00	545.00
2.01	33.00	5.33	0.00	545.00
2.54	-33.00	-18.00	0.50	544.50
2.01	-33.00	18.00	0.00	545.00
2.01	33.00	18.00	0.00	545.00
2.54	33.00	-18.00	0.50	544.50
2.54	-33.00	0.00	0.00	610.00
2.54	-33.00	9.00	0.00	610.00
2.54	-33.00	-9.00	0.00	610.00
2.01	33.00	0.00	0.00	610.00
2.01	33.00	-9.00	0.00	610.00
2.01	33.00	9.00	0.00	610.00
2.54	-33.00	-5.33	0.00	610.00
2.54	33.00	-5.33	0.00	610.00
2.54	-33.00	5.33	0.00	610.00
2.54	33.00	5.33	0.00	610.00
2.54	-33.00	-18.00	0.00	610.00
2.54	-33.00	18.00	0.00	610.00
2.54	33.00	18.00	0.00	610.00
2.54	33.00	-18.00	0.00	610.00
2.01	-33.00	0.00	0.00	547.50
2.01	-33.00	9.00	0.00	547.50
2.01	-33.00	-9.00	2.46e-012	547.50
2.01	33.00	0.00	0.00	547.50
2.01	33.00	-9.00	2.46e-012	547.50
2.01	33.00	9.00	0.00	547.50
2.01	-33.00	-5.33	0.50	547.00
2.01	33.00	-5.33	0.50	547.00
2.01	-33.00	5.33	0.00	547.50
2.01	33.00	5.33	0.00	547.50

2.01	-33.00	-18.00	0.50	547.00
2.01	-33.00	18.00	0.00	547.50
2.01	33.00	18.00	0.00	547.50
2.01	33.00	-18.00	0.50	547.00
2.01	-33.00	0.00	0.00	610.00
2.01	-33.00	9.00	0.00	610.00
2.01	-33.00	-9.00	0.00	610.00
2.01	33.00	0.00	0.00	610.00
2.01	33.00	-9.00	0.00	610.00
2.01	33.00	9.00	0.00	610.00
2.01	-33.00	-5.33	0.00	610.00
2.01	33.00	-5.33	0.00	610.00
2.01	-33.00	5.33	0.00	610.00
2.01	33.00	5.33	0.00	610.00
2.01	-33.00	-18.00	0.00	610.00
2.01	-33.00	18.00	0.00	610.00
2.01	33.00	18.00	0.00	610.00
2.01	33.00	-18.00	0.00	610.00
2.01	-28.00	6.00	0.00	397.51
2.01	-28.00	-6.00	0.00	397.51
0.79	28.00	-6.00	0.00	397.51
0.79	28.00	6.00	0.00	397.51
1.54	-28.00	-18.00	0.00	397.51
1.54	-28.00	18.00	0.00	397.51
1.54	28.00	18.00	0.00	397.51
1.54	28.00	-18.00	0.00	397.51
2.01	-28.00	0.00	0.00	300.00
2.01	-28.00	9.00	0.00	300.00
2.01	-28.00	-9.00	0.00	300.00
1.13	28.00	-6.00	0.00	300.00
1.13	28.00	6.00	0.00	300.00
1.13	-28.00	-18.00	0.00	300.00
1.13	-28.00	18.00	0.00	300.00
1.13	28.00	18.00	0.00	300.00
1.13	28.00	-18.00	0.00	300.00
2.01	-28.00	0.00	0.00	490.03
2.01	-28.00	9.00	0.00	490.03
2.01	-28.00	-9.00	0.00	490.03
1.13	28.00	-6.00	0.00	490.03
1.13	28.00	6.00	0.00	490.03
1.54	-28.00	-18.00	0.00	490.03
1.54	-28.00	18.00	0.00	490.03
1.54	28.00	18.00	0.00	490.03
1.54	28.00	-18.00	0.00	490.03
2.01	-28.00	0.00	0.00	297.51
2.01	-28.00	9.00	0.00	297.51
2.01	-28.00	-9.00	0.00	297.51
1.13	28.00	-6.00	0.00	297.51
1.13	28.00	6.00	0.00	297.51
1.54	-28.00	-18.00	0.00	297.51
1.54	-28.00	18.00	0.00	297.51
1.54	28.00	18.00	0.00	297.51
1.54	28.00	-18.00	0.00	297.51
688	0.79	-28.00	0.00	467.51
0.79	-28.00	9.00	0.00	467.51
0.79	-28.00	-9.00	0.00	467.51
1.13	28.00	-6.00	0.00	467.51
1.13	28.00	6.00	0.00	467.51
1.13	-28.00	-18.00	0.00	467.51
1.13	-28.00	18.00	0.00	467.51
1.13	28.00	18.00	0.00	467.51

	1.13	28.00	-18.00	0.00	467.51
	2.01	-28.00	0.00	0.00	797.82
	2.01	-28.00	6.50	0.00	797.82
	2.01	-28.00	-6.50	0.00	797.82
	1.13	28.00	-4.33	0.00	797.82
	1.13	28.00	4.33	0.00	797.82
	2.54	-28.00	-13.00	0.00	797.82
	2.54	-28.00	13.00	0.00	797.82
	2.54	28.00	13.00	0.00	797.82
	2.54	28.00	-13.00	0.00	797.82
	2.01	-33.00	0.00	0.00	550.28
	2.01	-33.00	9.00	0.00	550.28
	2.01	-33.00	-9.00	0.00	550.28
	1.54	33.00	0.00	0.00	550.28
	1.54	33.00	-9.00	0.00	550.28
	1.54	33.00	9.00	0.00	550.28
	2.01	-33.00	-5.33	0.00	550.28
	2.01	33.00	-5.33	0.00	550.28
	2.01	-33.00	5.33	0.00	550.28
	2.01	33.00	5.33	0.00	550.28
	2.01	-33.00	-18.00	0.00	550.28
	2.01	-33.00	18.00	0.00	550.28
	2.01	33.00	18.00	0.00	550.28
	2.01	33.00	-18.00	0.00	550.28
	2.54	-33.00	0.00	0.00	610.00
	2.54	-33.00	9.00	0.00	610.00
	2.54	-33.00	-9.00	0.00	610.00
	1.54	33.00	0.00	0.00	610.00
	1.54	33.00	-9.00	0.00	610.00
	1.54	33.00	9.00	0.00	610.00
	2.54	-33.00	-5.33	0.00	610.00
	2.54	33.00	-5.33	0.00	610.00
	2.54	-33.00	5.33	0.00	610.00
	2.54	33.00	5.33	0.00	610.00
	2.54	-33.00	-18.00	0.00	610.00
	2.54	-33.00	18.00	0.00	610.00
	2.54	33.00	18.00	0.00	610.00
	2.54	33.00	-18.00	0.00	610.00
692	2.54	18.00	-18.00	0.00	350.00
	2.54	18.00	18.00	0.00	350.00
	2.54	-18.00	18.00	0.00	350.00
	2.54	-18.00	-18.00	0.00	350.00
	2.54	18.00	0.00	0.00	350.00
	2.54	-18.00	0.00	0.00	350.00
	2.54	0.00	-18.00	0.00	350.00
	2.54	0.00	18.00	0.00	350.00
693	2.54	18.00	-18.00	0.00	350.00
	2.54	18.00	18.00	0.00	350.00
	2.54	-18.00	18.00	0.00	350.00
	2.54	-18.00	-18.00	0.00	350.00
	2.54	18.00	0.00	0.00	350.00
	2.54	-18.00	0.00	0.00	350.00
	2.54	0.00	-18.00	0.00	350.00
	2.54	0.00	18.00	0.00	350.00
694	2.54	18.00	-18.00	0.00	350.00
	2.54	18.00	18.00	0.00	350.00
	2.54	-18.00	18.00	0.00	350.00
	2.54	-18.00	-18.00	0.00	350.00
	2.54	18.00	0.00	0.00	350.00
	2.54	-18.00	0.00	0.00	350.00
	2.54	0.00	-18.00	0.00	350.00

	2.54	-18.00	-18.00	0.00	350.00
	2.54	18.00	0.00	0.00	350.00
	2.54	-18.00	0.00	0.00	350.00
	2.54	0.00	-18.00	0.00	350.00
	2.54	0.00	18.00	0.00	350.00
718	2.54	18.00	-18.00	0.00	350.00
	2.54	18.00	18.00	0.00	350.00
	2.54	-18.00	18.00	0.00	350.00
	2.54	-18.00	-18.00	0.00	350.00
	2.54	18.00	0.00	0.00	350.00
	2.54	-18.00	0.00	0.00	350.00
	2.54	0.00	-18.00	0.00	350.00
	2.54	0.00	18.00	0.00	350.00
719	2.54	18.00	-18.00	0.00	350.00
	2.54	18.00	18.00	0.00	350.00
	2.54	-18.00	18.00	0.00	350.00
	2.54	-18.00	-18.00	0.00	350.00
	2.54	18.00	0.00	0.00	350.00
	2.54	-18.00	0.00	0.00	350.00
	2.54	0.00	-18.00	0.00	350.00
	2.54	0.00	18.00	0.00	350.00
720	3.80	18.00	-18.00	35.00	315.00
	3.80	18.00	18.00	35.00	315.00
	3.80	-18.00	18.00	35.00	315.00
	3.80	-18.00	-18.00	35.00	315.00
	3.80	18.00	0.00	35.00	315.00
	3.80	-18.00	0.00	35.00	315.00
	3.80	0.00	-18.00	35.00	315.00
	3.80	0.00	18.00	35.00	315.00
721	3.80	20.50	-20.50	35.00	315.00
	3.80	20.50	20.50	35.00	315.00
	3.80	-20.50	20.50	35.00	315.00
	3.80	-20.50	-20.50	35.00	315.00
	3.80	20.50	0.00	35.00	315.00
	3.80	-20.50	0.00	35.00	315.00
	3.80	0.00	-20.50	35.00	313.00
	3.80	0.00	20.50	35.00	313.00
	2.54	0.00	18.00	330.72	19.28
	2.54	0.00	-18.00	330.72	19.28
	2.54	-18.00	0.00	330.72	19.28
	2.54	18.00	0.00	330.72	19.28
	2.54	-18.00	-18.00	330.72	19.28
	2.54	-18.00	18.00	330.72	19.28
	2.54	18.00	18.00	330.72	19.28
	2.54	18.00	-18.00	330.72	19.28
722	3.80	20.50	-20.50	35.00	315.00
	3.80	20.50	20.50	35.00	315.00
	3.80	-20.50	20.50	35.00	315.00
	3.80	-20.50	-20.50	35.00	315.00
	3.80	20.50	0.00	35.00	315.00
	3.80	-20.50	0.00	35.00	315.00
	3.80	0.00	-20.50	35.00	313.00
	3.80	0.00	20.50	35.00	313.00
	2.54	0.00	18.00	330.72	19.28
	2.54	0.00	-18.00	330.72	19.28
	2.54	-18.00	0.00	330.72	19.28
	2.54	18.00	0.00	330.72	19.28
	2.54	-18.00	-18.00	330.72	19.28
	2.54	-18.00	18.00	330.72	19.28
	2.54	18.00	18.00	330.72	19.28
	2.54	18.00	-18.00	330.72	19.28
723	3.80	18.00	-18.00	35.00	315.00

	3.80	18.00	18.00	35.00	315.00
	3.80	-18.00	18.00	35.00	315.00
	3.80	-18.00	-18.00	35.00	315.00
	3.80	18.00	0.00	35.00	315.00
	3.80	-18.00	0.00	35.00	315.00
	3.80	0.00	-18.00	35.00	315.00
	3.80	0.00	18.00	35.00	315.00
724	3.80	18.00	-18.00	35.00	315.00
	3.80	18.00	18.00	35.00	315.00
	3.80	-18.00	18.00	35.00	315.00
	3.80	-18.00	-18.00	35.00	315.00
	3.80	18.00	0.00	35.00	315.00
	3.80	-18.00	0.00	35.00	315.00
	3.80	0.00	-18.00	35.00	315.00
	3.80	0.00	18.00	35.00	315.00
725	3.80	20.50	-20.50	35.00	315.00
	3.80	20.50	20.50	35.00	315.00
	3.80	-20.50	20.50	35.00	315.00
	3.80	-20.50	-20.50	35.00	315.00
	3.80	20.50	0.00	35.00	315.00
	3.80	-20.50	0.00	35.00	315.00
	3.80	0.00	-20.50	35.00	313.00
	3.80	0.00	20.50	35.00	313.00
	2.54	0.00	18.00	330.72	19.28
	2.54	0.00	-18.00	330.72	19.28
	2.54	-18.00	0.00	330.72	19.28
	2.54	18.00	0.00	330.72	19.28
	2.54	-18.00	-18.00	330.72	19.28
	2.54	-18.00	18.00	330.72	19.28
	2.54	18.00	18.00	330.72	19.28
	2.54	18.00	-18.00	330.72	19.28
726	3.80	20.50	-20.50	35.00	315.00
	3.80	20.50	20.50	35.00	315.00
	3.80	-20.50	20.50	35.00	315.00
	3.80	-20.50	-20.50	35.00	315.00
	3.80	20.50	0.00	35.00	315.00
	3.80	-20.50	0.00	35.00	315.00
	3.80	0.00	-20.50	35.00	313.00
	3.80	0.00	20.50	35.00	313.00
	2.54	0.00	18.00	330.72	19.28
	2.54	0.00	-18.00	330.72	19.28
	2.54	-18.00	0.00	330.72	19.28
	2.54	18.00	0.00	330.72	19.28
	2.54	-18.00	-18.00	330.72	19.28
	2.54	-18.00	18.00	330.72	19.28
	2.54	18.00	18.00	330.72	19.28
	2.54	18.00	-18.00	330.72	19.28
727	3.80	18.00	-18.00	35.00	315.00
	3.80	18.00	18.00	35.00	315.00
	3.80	-18.00	18.00	35.00	315.00
	3.80	-18.00	-18.00	35.00	315.00
	3.80	18.00	0.00	35.00	315.00
	3.80	-18.00	0.00	35.00	315.00
	3.80	0.00	-18.00	35.00	315.00
	3.80	0.00	18.00	35.00	315.00
728	3.80	18.00	-38.00	35.00	315.00
	3.80	18.00	38.00	35.00	315.00
	3.80	-18.00	38.00	35.00	315.00
	3.80	-18.00	-38.00	35.00	315.00
	3.80	18.00	0.00	35.00	315.00
	3.80	-18.00	0.00	35.00	315.00
	3.80	0.00	-38.00	35.00	315.00

	3.80	0.00	38.00	35.00	315.00
729	3.80	20.50	-20.50	35.00	315.00
	3.80	20.50	20.50	35.00	315.00
	3.80	-20.50	20.50	35.00	315.00
	3.80	-20.50	-20.50	35.00	315.00
	3.80	20.50	0.00	35.00	315.00
	3.80	-20.50	0.00	35.00	315.00
	3.80	0.00	-20.50	35.00	315.00
	3.80	0.00	20.50	35.00	315.00
	2.54	0.00	18.00	330.72	19.28
	2.54	0.00	-18.00	330.72	19.28
	2.54	-18.00	0.00	330.72	19.28
	2.54	18.00	0.00	330.72	19.28
	2.54	-18.00	-18.00	330.72	19.28
	2.54	-18.00	18.00	330.72	19.28
	2.54	18.00	18.00	330.72	19.28
	2.54	18.00	-18.00	330.72	19.28
730	3.80	20.50	-20.50	35.00	315.00
	3.80	20.50	20.50	35.00	315.00
	3.80	-20.50	20.50	35.00	315.00
	3.80	-20.50	-20.50	35.00	315.00
	3.80	20.50	0.00	35.00	315.00
	3.80	-20.50	0.00	35.00	315.00
	3.80	0.00	-20.50	35.00	315.00
	3.80	0.00	20.50	35.00	315.00
	2.54	0.00	18.00	330.72	19.28
	2.54	0.00	-18.00	330.72	19.28
	2.54	-18.00	0.00	330.72	19.28
	2.54	18.00	0.00	330.72	19.28
	2.54	-18.00	-18.00	330.72	19.28
	2.54	-18.00	18.00	330.72	19.28
	2.54	18.00	18.00	330.72	19.28
	2.54	18.00	-18.00	330.72	19.28
731	3.80	18.00	-18.00	35.00	315.00
	3.80	18.00	18.00	35.00	315.00
	3.80	-18.00	18.00	35.00	315.00
	3.80	-18.00	-18.00	35.00	315.00
	3.80	18.00	0.00	35.00	315.00
	3.80	-18.00	0.00	35.00	315.00
	3.80	0.00	-18.00	35.00	315.00
	3.80	0.00	18.00	35.00	315.00
732	3.80	18.00	-18.00	30.00	320.00
	3.80	18.00	18.00	30.00	320.00
	3.80	-18.00	18.00	30.00	320.00
	3.80	-18.00	-18.00	30.00	320.00
	3.80	18.00	0.00	30.00	320.00
	3.80	-18.00	0.00	30.00	320.00
	3.80	0.00	-18.00	30.00	320.00
	3.80	0.00	18.00	30.00	320.00
733	3.80	20.50	-20.50	30.00	320.00
	3.80	20.50	20.50	30.00	320.00
	3.80	-20.50	20.50	30.00	320.00
	3.80	-20.50	-20.50	30.00	320.00
	3.80	20.50	0.00	30.00	320.00
	3.80	-20.50	0.00	30.00	320.00
	3.80	0.00	-20.50	30.00	320.00
	3.80	0.00	20.50	30.00	320.00
	2.54	0.00	18.00	330.72	19.28
	2.54	0.00	-18.00	330.72	19.28
	2.54	-18.00	0.00	330.72	19.28
	2.54	18.00	0.00	330.72	19.28
	2.54	-18.00	-18.00	330.72	19.28

	2.54	-18.00	18.00	330.72	19.28
	2.54	18.00	18.00	330.72	19.28
	2.54	18.00	-18.00	330.72	19.28
734	3.80	18.00	-18.00	30.00	320.00
	3.80	18.00	18.00	30.00	320.00
	3.80	-18.00	18.00	30.00	320.00
	3.80	-18.00	-18.00	30.00	320.00
	3.80	18.00	0.00	30.00	320.00
	3.80	-18.00	0.00	30.00	320.00
	3.80	0.00	-18.00	30.00	320.00
	3.80	0.00	18.00	30.00	320.00
735	3.80	20.50	-20.50	0.00	380.00
	3.80	20.50	20.50	0.00	380.00
	3.80	-20.50	20.50	0.00	380.00
	3.80	-20.50	-20.50	0.00	380.00
	3.80	20.50	6.83	0.00	380.00
	3.80	20.50	-6.83	0.00	380.00
	3.80	-20.50	-6.83	0.00	380.00
	3.80	-20.50	6.83	0.00	380.00
	3.80	6.83	-20.50	0.00	380.00
	3.80	-6.83	-20.50	0.00	380.00
	3.80	-6.83	20.50	0.00	380.00
	3.80	6.83	20.50	0.00	380.00
	3.80	0.00	18.00	355.72	24.28
	3.80	0.00	-18.00	355.72	24.28
	3.80	-18.00	0.00	355.72	24.28
	3.80	18.00	0.00	355.72	24.28
	3.80	-18.00	-18.00	355.72	24.28
	3.80	-18.00	18.00	355.72	24.28
	3.80	18.00	18.00	355.72	24.28
	3.80	18.00	-18.00	355.72	24.28
736	3.80	23.00	-23.00	0.00	380.00
	3.80	23.00	23.00	0.00	380.00
	3.80	-23.00	23.00	0.00	380.00
	3.80	-23.00	-23.00	0.00	380.00
	3.80	23.00	7.67	0.00	380.00
	3.80	23.00	-7.67	0.00	380.00
	3.80	-23.00	-7.67	0.00	380.00
	3.80	-23.00	7.67	0.00	380.00
	3.80	7.67	-23.00	0.00	380.00
	3.80	-7.67	-23.00	0.00	380.00
	3.80	-7.67	23.00	0.00	380.00
	3.80	7.67	23.00	0.00	380.00
	3.80	0.00	20.50	355.72	24.28
	3.80	0.00	-20.50	355.72	24.28
	3.80	-20.50	0.00	355.72	24.28
	3.80	20.50	0.00	355.72	24.28
	3.80	-20.50	-20.50	355.72	24.28
	3.80	-20.50	20.50	355.72	24.28
	3.80	20.50	20.50	355.72	24.28
	3.80	20.50	-20.50	355.72	24.28
737	3.80	20.50	-20.50	0.00	380.00
	3.80	20.50	20.50	0.00	380.00
	3.80	-20.50	20.50	0.00	380.00
	3.80	-20.50	-20.50	0.00	380.00
	3.80	20.50	6.83	0.00	380.00
	3.80	20.50	-6.83	0.00	380.00
	3.80	-20.50	-6.83	0.00	380.00
	3.80	-20.50	6.83	0.00	380.00
	3.80	6.83	-20.50	0.00	380.00
	3.80	-6.83	-20.50	0.00	380.00
	3.80	-6.83	20.50	0.00	380.00
	3.80	6.83	20.50	0.00	380.00

	3.80	0.00	18.00	355.72	24.28
	3.80	0.00	-18.00	355.72	24.28
	3.80	-18.00	0.00	355.72	24.28
	3.80	18.00	0.00	355.72	24.28
	3.80	-18.00	-18.00	355.72	24.28
	3.80	-18.00	18.00	355.72	24.28
	3.80	18.00	18.00	355.72	24.28
	3.80	18.00	-18.00	355.72	24.28
738	3.80	20.50	-20.50	0.00	380.00
	3.80	20.50	20.50	0.00	380.00
	3.80	-20.50	20.50	0.00	380.00
	3.80	-20.50	-20.50	0.00	380.00
	3.80	20.50	6.83	0.00	380.00
	3.80	20.50	-6.83	0.00	380.00
	3.80	-20.50	-6.83	0.00	380.00
	3.80	-20.50	6.83	0.00	380.00
	3.80	6.83	-20.50	0.00	380.00
	3.80	-6.83	-20.50	0.00	380.00
	3.80	-6.83	20.50	0.00	380.00
	3.80	6.83	20.50	0.00	380.00
	3.80	0.00	18.00	360.72	19.28
	3.80	0.00	-18.00	360.72	19.28
	3.80	-18.00	0.00	360.72	19.28
	3.80	18.00	0.00	360.72	19.28
	3.80	-18.00	-18.00	360.72	19.28
	3.80	-18.00	18.00	360.72	19.28
	3.80	18.00	18.00	360.72	19.28
	3.80	18.00	-18.00	360.72	19.28
739	3.80	23.00	-23.00	0.00	380.00
	3.80	23.00	23.00	0.00	380.00
	3.80	-23.00	23.00	0.00	380.00
	3.80	-23.00	-23.00	0.00	380.00
	3.80	23.00	7.67	0.00	380.00
	3.80	23.00	-7.67	0.00	380.00
	3.80	-23.00	-7.67	0.00	380.00
	3.80	-23.00	7.67	0.00	380.00
	3.80	7.67	-23.00	0.00	380.00
	3.80	-7.67	-23.00	0.00	380.00
	3.80	-7.67	23.00	0.00	380.00
	3.80	7.67	23.00	0.00	380.00
	3.80	0.00	20.50	360.72	19.28
	3.80	0.00	-20.50	360.72	19.28
	3.80	-20.50	0.00	360.72	19.28
	3.80	20.50	0.00	360.72	19.28
	3.80	-20.50	-20.50	360.72	19.28
	3.80	-20.50	20.50	360.72	19.28
	3.80	20.50	20.50	360.72	19.28
	3.80	20.50	-20.50	360.72	19.28
740	3.80	23.00	-23.00	0.00	380.00
	3.80	23.00	23.00	0.00	380.00
	3.80	-23.00	23.00	0.00	380.00
	3.80	-23.00	-23.00	0.00	380.00
	3.80	23.00	7.67	0.00	380.00
	3.80	23.00	-7.67	0.00	380.00
	3.80	-23.00	-7.67	0.00	380.00
	3.80	-23.00	7.67	0.00	380.00
	3.80	7.67	-23.00	0.00	380.00
	3.80	-7.67	-23.00	0.00	380.00
	3.80	-7.67	23.00	0.00	380.00
	3.80	7.67	23.00	0.00	380.00
	3.80	0.00	20.50	360.72	19.28
	3.80	0.00	-20.50	360.72	19.28
	3.80	-20.50	0.00	360.72	19.28

	3.80	20.50	0.00	360.72	19.28
	3.80	-20.50	-20.50	360.72	19.28
	3.80	-20.50	20.50	360.72	19.28
	3.80	20.50	20.50	360.72	19.28
	3.80	20.50	-20.50	360.72	19.28
741	3.80	18.00	-38.00	0.00	380.00
	3.80	18.00	38.00	0.00	380.00
	3.80	-18.00	38.00	0.00	380.00
	3.80	-18.00	-38.00	0.00	380.00
	3.80	18.00	12.67	0.00	380.00
	3.80	18.00	-12.67	0.00	380.00
	3.80	-18.00	-12.67	0.00	380.00
	3.80	-18.00	12.67	0.00	380.00
	3.80	6.00	-38.00	0.00	380.00
	3.80	-6.00	-38.00	0.00	380.00
	3.80	-6.00	38.00	0.00	380.00
	3.80	6.00	38.00	0.00	380.00
	3.80	0.00	38.00	360.72	19.28
	3.80	0.00	-38.00	360.72	19.28
	3.80	-18.00	0.00	360.72	19.28
	3.80	18.00	0.00	360.72	19.28
742	3.80	20.50	-20.50	0.00	380.00
	3.80	20.50	20.50	0.00	380.00
	3.80	-20.50	20.50	0.00	380.00
	3.80	-20.50	-20.50	0.00	380.00
	3.80	20.50	6.83	0.00	380.00
	3.80	20.50	-6.83	0.00	380.00
	3.80	-20.50	-6.83	0.00	380.00
	3.80	-20.50	6.83	0.00	380.00
	3.80	6.83	-20.50	0.00	378.00
	3.80	-6.83	-20.50	0.00	378.00
	3.80	-6.83	20.50	0.00	378.00
	3.80	6.83	20.50	0.00	378.00
	3.80	0.00	18.00	360.72	19.28
	3.80	0.00	-18.00	360.72	19.28
	3.80	-18.00	0.00	360.72	19.28
	3.80	18.00	0.00	360.72	19.28
	3.80	-18.00	-18.00	360.72	19.28
	3.80	-18.00	18.00	360.72	19.28
	3.80	18.00	18.00	360.72	19.28
	3.80	18.00	-18.00	360.72	19.28
743	3.80	20.50	-20.50	0.00	380.00
	3.80	20.50	20.50	0.00	380.00
	3.80	-20.50	20.50	0.00	380.00
	3.80	-20.50	-20.50	0.00	380.00
	3.80	20.50	6.83	0.00	380.00
	3.80	20.50	-6.83	0.00	380.00
	3.80	-20.50	-6.83	0.00	380.00
	3.80	-20.50	6.83	0.00	380.00
	3.80	6.83	-20.50	0.00	380.00
	3.80	-6.83	-20.50	0.00	380.00
	3.80	-6.83	20.50	0.00	380.00
	3.80	6.83	20.50	0.00	380.00
	3.80	0.00	20.50	360.72	19.28
	3.80	0.00	-20.50	360.72	19.28
	3.80	-20.50	0.00	360.72	19.28
	3.80	20.50	0.00	360.72	19.28
744	3.80	20.50	-20.50	0.00	380.00
	3.80	20.50	20.50	0.00	380.00
	3.80	-20.50	20.50	0.00	380.00
	3.80	-20.50	-20.50	0.00	380.00
	3.80	20.50	6.83	0.00	380.00
	3.80	20.50	-6.83	0.00	380.00

	3.80	-20.50	-6.83	0.00	380.00
	3.80	-20.50	6.83	0.00	380.00
	3.80	6.83	-20.50	0.00	380.00
	3.80	-6.83	-20.50	0.00	380.00
	3.80	-6.83	20.50	0.00	380.00
	3.80	6.83	20.50	0.00	380.00
	3.80	0.00	20.50	360.72	19.28
	3.80	0.00	-20.50	360.72	19.28
	3.80	-20.50	0.00	360.72	19.28
	3.80	20.50	0.00	360.72	19.28
745	3.80	20.50	-20.50	0.00	380.00
	3.80	20.50	20.50	0.00	380.00
	3.80	-20.50	20.50	0.00	380.00
	3.80	-20.50	-20.50	0.00	380.00
	3.80	20.50	6.83	0.00	380.00
	3.80	20.50	-6.83	0.00	380.00
	3.80	-20.50	-6.83	0.00	380.00
	3.80	-20.50	6.83	0.00	380.00
	3.80	6.83	-20.50	0.00	378.00
	3.80	-6.83	-20.50	0.00	378.00
	3.80	-6.83	20.50	0.00	378.00
	3.80	6.83	20.50	0.00	378.00
	3.80	0.00	18.00	360.72	19.28
	3.80	0.00	-18.00	360.72	19.28
	3.80	-18.00	0.00	360.72	19.28
	3.80	18.00	0.00	360.72	19.28
	3.80	-18.00	-18.00	360.72	19.28
	3.80	-18.00	18.00	360.72	19.28
	3.80	18.00	18.00	360.72	19.28
	3.80	18.00	-18.00	360.72	19.28

Armatura trasversale negli elementi

Elemento	Ascissa iniz. (cm)	Lunghezza tratto (cm)	Area orizz. (cm2)	Area vert. (cm2)	Passo (cm)
1	0.00	424.87	0.57	0.57	20.00
2	0.00	317.84	0.57	0.57	20.00
3	0.00	547.50	0.57	0.57	20.00
4	0.00	120.00	0.57	0.57	20.00
5	0.00	150.00	0.57	0.57	20.00
6	0.00	35.00	0.57	0.57	20.00
7	0.00	35.00	0.57	0.57	20.00
8	0.00	35.00	0.57	0.57	20.00
9	0.00	35.00	0.57	0.57	20.00
10	0.00	35.00	0.57	0.57	20.00
11	0.00	35.00	0.57	0.57	20.00
12	0.00	35.00	0.57	0.57	20.00
13	0.00	35.00	0.57	0.57	20.00
14	0.00	35.00	0.57	0.57	20.00
15	0.00	35.00	0.57	0.57	20.00
16	0.00	35.00	0.57	0.57	20.00
17	0.00	35.00	0.57	0.57	20.00
18	0.00	35.00	0.57	0.57	20.00
19	0.00	35.00	0.57	0.57	20.00

20	0.00	35.00	0.57	0.57	20.00
21	0.00	300.00	0.57	0.57	25.00
22	0.00	414.28	1.01	1.01	20.00
23	0.00	289.70	1.01	1.01	20.00
24	0.00	300.00	0.57	0.57	25.00
25	0.00	430.00	0.57	0.57	25.00
26	0.00	390.00	0.57	0.57	25.00
27	0.00	430.00	0.57	0.57	25.00
28	0.00	414.28	1.01	1.01	20.00
29	0.00	289.70	1.01	1.01	20.00
30	0.00	430.00	0.57	0.57	25.00
31	0.00	390.00	0.57	0.57	25.00
32	0.00	430.00	0.57	0.57	25.00
33	0.00	300.00	0.57	0.57	25.00
34	0.00	300.00	0.57	0.57	25.00
35	0.00	510.00	0.57	0.57	25.00
36	0.00	105.00	0.57	0.57	20.00
37	0.00	105.00	0.57	0.57	20.00
38	0.00	105.00	0.57	0.57	20.00
39	0.00	105.00	0.57	0.57	20.00
40	0.00	105.00	0.57	0.57	20.00
41	0.00	270.00	0.57	0.57	20.00
42	0.00	270.00	0.57	0.57	20.00
43	0.00	270.00	0.57	0.57	20.00
44	0.00	270.00	0.57	0.57	20.00
45	0.00	270.00	0.57	0.57	20.00
46	0.00	270.00	0.57	0.57	20.00
47	0.00	270.00	0.57	0.57	20.00
48	0.00	270.00	0.57	0.57	20.00
49	0.00	657.06	0.57	0.57	20.00
50	0.00	380.00	0.57	0.57	20.00
51	0.00	270.00	0.57	0.57	20.00
52	0.00	417.04	0.57	0.57	20.00
53	0.00	536.03	1.01	1.01	20.00
54	0.00	317.84	1.01	1.01	20.00
55	0.00	797.82	0.57	0.57	20.00
56	0.00	550.28	0.57	0.57	20.00
57	0.00	610.00	0.57	0.57	20.00
58	0.00	550.01	0.57	0.57	20.00
59	0.00	640.00	0.57	0.57	20.00
60	0.00	560.00	0.57	0.57	20.00
61	0.00	536.03	0.57	0.57	20.00

62	0.00	317.84	0.57	0.57	20.00
63	0.00	495.77	1.01	1.01	20.00
64	0.00	517.06	0.57	0.57	20.00
65	0.00	300.00	0.57	0.57	20.00
66	0.00	545.00	0.57	0.57	30.00
67	0.00	397.51	0.57	0.57	20.00
68	0.00	802.50	0.57	0.57	30.00
69	0.00	297.51	0.57	0.57	20.00
70	0.00	800.00	0.57	0.57	30.00
71	0.00	545.00	0.57	0.57	30.00
72	0.00	300.00	0.57	0.57	20.00
73	0.00	397.50	0.57	0.57	20.00
74	0.00	547.50	0.57	0.57	20.00
75	0.00	165.00	0.57	0.57	20.00
76	0.00	35.00	0.57	0.57	20.00
77	0.00	35.00	0.57	0.57	20.00
78	0.00	35.00	0.57	0.57	20.00
79	0.00	165.00	0.57	0.57	20.00
80	0.00	35.00	0.57	0.57	20.00
81	0.00	35.00	0.57	0.57	20.00
82	0.00	35.00	0.57	0.57	20.00
83	0.00	165.00	0.57	0.57	20.00
84	0.00	35.00	0.57	0.57	20.00
85	0.00	35.00	0.57	0.57	20.00
86	0.00	35.00	0.57	0.57	20.00
87	0.00	270.00	0.57	0.57	20.00
88	0.00	270.00	0.57	0.57	20.00
89	0.00	270.00	0.57	0.57	20.00
90	0.00	120.00	0.57	0.57	20.00
91	0.00	150.00	0.57	0.57	20.00
92	0.00	610.00	0.57	0.57	20.00
93	0.00	550.01	0.57	0.57	20.00
94	0.00	427.20	0.57	0.57	20.00
95	0.00	150.00	0.57	0.57	20.00
96	0.00	150.00	0.57	0.57	20.00
97	0.00	270.00	0.57	0.57	20.00
98	0.00	270.00	0.57	0.57	20.00
99	0.00	270.00	0.57	0.57	20.00
100	0.00	270.00	0.57	0.57	20.00
101	0.00	270.00	0.57	0.57	20.00
102	0.00	270.00	0.57	0.57	20.00
103	0.00	270.00	0.57	0.57	20.00

454	0.00	360.00	0.57	0.57	20.00
455	0.00	360.00	0.57	0.57	20.00
456	0.00	360.00	0.57	0.57	20.00
457	0.00	360.00	0.57	0.57	20.00
458	0.00	360.00	0.57	0.57	20.00
459	0.00	360.00	0.57	0.57	20.00
460	0.00	360.00	0.57	0.57	20.00
461	0.00	360.00	0.57	0.57	20.00
462	0.00	360.00	0.57	0.57	20.00
463	0.00	360.00	0.57	0.57	20.00
464	0.00	360.00	0.57	0.57	20.00
465	0.00	360.00	0.57	0.57	20.00
466	0.00	360.00	0.57	0.57	20.00
467	0.00	360.00	0.57	0.57	20.00
468	0.00	360.00	0.57	0.57	20.00
469	0.00	360.00	0.57	0.57	20.00
470	0.00	360.00	0.57	0.57	20.00
471	0.00	360.00	0.57	0.57	20.00
472	0.00	360.00	0.57	0.57	20.00
473	0.00	360.00	0.57	0.57	20.00
474	0.00	360.00	0.57	0.57	20.00
475	0.00	360.00	0.57	0.57	20.00
476	0.00	360.00	0.57	0.57	20.00
477	0.00	360.00	0.57	0.57	20.00
478	0.00	360.00	0.57	0.57	20.00
479	0.00	360.00	0.57	0.57	20.00
480	0.00	360.00	0.57	0.57	20.00
481	0.00	360.00	0.57	0.57	20.00
482	0.00	360.00	0.57	0.57	20.00
483	0.00	360.00	0.57	0.57	20.00
484	0.00	360.00	0.57	0.57	20.00
485	0.00	360.00	0.57	0.57	20.00
486	0.00	360.00	0.57	0.57	20.00
487	0.00	360.00	0.57	0.57	20.00
488	0.00	360.00	0.57	0.57	20.00
489	0.00	360.00	0.57	0.57	20.00
490	0.00	360.00	0.57	0.57	20.00
491	0.00	360.00	0.57	0.57	20.00
492	0.00	360.00	0.57	0.57	20.00
493	0.00	360.00	0.57	0.57	20.00
494	0.00	360.00	0.57	0.57	20.00
495	0.00	360.00	0.57	0.57	20.00

496	0.00	360.00	0.57	0.57	20.00
497	0.00	270.00	1.01	1.01	20.00
498	0.00	380.00	1.01	1.01	20.00
499	0.00	430.00	0.57	0.57	25.00
500	0.00	390.00	0.57	0.57	25.00
501	0.00	430.00	0.57	0.57	25.00
502	0.00	300.00	0.57	0.57	25.00
503	0.00	270.00	1.01	1.01	20.00
504	0.00	380.00	1.01	1.01	20.00
505	0.00	430.00	0.57	0.57	25.00
506	0.00	390.00	0.57	0.57	25.00
507	0.00	430.00	0.57	0.57	25.00
508	0.00	300.00	0.57	0.57	25.00
509	0.00	300.00	0.57	0.57	25.00
510	0.00	510.00	0.57	0.57	25.00
511	0.00	430.00	0.57	0.57	25.00
512	0.00	390.00	0.57	0.57	25.00
513	0.00	430.00	0.57	0.57	25.00
514	0.00	300.00	0.57	0.57	25.00
515	0.00	300.00	1.01	1.01	20.00
516	0.00	510.00	1.01	1.01	20.00
517	0.00	400.00	1.01	1.01	20.00
518	0.00	300.00	1.01	1.01	20.00
519	0.00	510.00	1.01	1.01	20.00
520	0.00	397.51	1.01	1.01	20.00
521	0.00	300.00	1.01	1.01	20.00
522	0.00	490.03	1.01	1.01	20.00
523	0.00	297.51	1.01	1.01	20.00
524	0.00	467.51	1.01	1.01	20.00
525	0.00	547.50	1.13	0.57	15.00
526	0.00	610.00	1.13	0.57	15.00
527	0.00	550.01	1.13	0.57	15.00
528	0.00	802.50	0.57	0.57	25.00
529	0.00	545.00	0.57	0.57	25.00
530	0.00	610.00	0.57	0.57	25.00
531	0.00	550.00	0.57	0.57	25.00
532	0.00	640.00	0.57	0.57	25.00
533	0.00	560.00	0.57	0.57	25.00
534	0.00	270.00	2.01	1.01	20.00
535	0.00	380.00	2.01	1.01	20.00
536	0.00	380.00	1.01	1.01	20.00
537	0.00	797.82	1.13	0.57	15.00

538	0.00	550.28	1.13	0.57	15.00
539	0.00	610.00	1.13	0.57	15.00
540	0.00	550.01	1.13	0.57	15.00
541	0.00	640.00	1.13	0.57	15.00
542	0.00	560.00	1.13	0.57	15.00
543	0.00	270.00	1.13	0.57	15.00
544	0.00	380.00	1.13	0.57	15.00
545	0.00	270.00	0.57	0.57	22.00
546	0.00	380.00	0.57	0.57	22.00
547	0.00	430.00	0.57	0.57	15.00
548	0.00	390.00	0.57	0.57	15.00
549	0.00	430.00	0.57	0.57	15.00
550	0.00	300.00	0.57	0.57	15.00
551	0.00	270.00	0.57	0.57	22.00
552	0.00	380.00	0.57	0.57	22.00
553	0.00	430.00	0.57	0.57	18.00
554	0.00	390.00	0.57	0.57	18.00
555	0.00	430.00	0.57	0.57	18.00
556	0.00	300.00	0.57	0.57	18.00
557	0.00	300.00	0.57	0.57	18.00
558	0.00	510.00	0.57	0.57	18.00
559	0.00	430.00	0.57	0.57	18.00
560	0.00	390.00	0.57	0.57	18.00
561	0.00	430.00	0.57	0.57	18.00
562	0.00	300.00	0.57	0.57	18.00
563	0.00	300.00	0.57	0.57	18.00
564	0.00	510.00	0.57	0.57	18.00
565	0.00	400.00	0.57	0.57	20.00
566	0.00	300.00	0.57	0.57	20.00
567	0.00	510.00	0.57	0.57	20.00
568	0.00	397.51	0.57	0.57	20.00
569	0.00	300.00	0.57	0.57	20.00
570	0.00	490.03	0.57	0.57	20.00
571	0.00	297.51	0.57	0.57	20.00
572	0.00	467.51	0.57	0.57	20.00
573	0.00	547.50	1.13	0.57	18.00
574	0.00	610.00	1.13	0.57	18.00
575	0.00	550.01	1.13	0.57	18.00
576	0.00	802.50	1.13	0.57	26.00
577	0.00	545.00	1.13	0.57	26.00
578	0.00	610.00	1.13	0.57	26.00
579	0.00	550.00	1.13	0.57	26.00

580	0.00	640.00	1.13	0.57	26.00
581	0.00	560.00	1.13	0.57	26.00
582	0.00	270.00	1.13	0.57	26.00
583	0.00	380.00	1.13	0.57	26.00
584	0.00	800.00	1.13	0.57	25.00
585	0.00	545.00	1.13	0.57	25.00
586	0.00	610.00	1.13	0.57	25.00
587	0.00	550.00	1.13	0.57	25.00
588	0.00	640.00	1.13	0.57	25.00
589	0.00	560.00	1.13	0.57	25.00
590	0.00	270.00	1.13	0.57	25.00
591	0.00	380.00	1.13	0.57	25.00
592	0.00	797.82	1.13	0.57	18.00
593	0.00	550.28	1.13	0.57	18.00
594	0.00	610.00	1.13	0.57	18.00
595	0.00	550.01	1.13	0.57	18.00
596	0.00	640.00	1.13	0.57	18.00
597	0.00	560.00	1.13	0.57	18.00
598	0.00	270.00	1.13	0.57	18.00
599	0.00	380.00	1.13	0.57	18.00
660	0.00	95.00	0.57	0.57	22.00
661	0.00	95.00	0.57	0.57	22.00
662	0.00	95.00	0.57	0.57	22.00
663	0.00	95.00	0.57	0.57	22.00
664	0.00	95.00	1.01	1.01	25.00
665	0.00	95.00	1.01	1.01	25.00
666	0.00	95.00	1.01	1.01	25.00
667	0.00	95.00	1.01	1.01	25.00
668	0.00	95.00	1.01	1.01	25.00
669	0.00	95.00	1.01	1.01	25.00
670	0.00	95.00	1.01	1.01	25.00
671	0.00	95.00	1.01	1.01	25.00
672	0.00	95.00	0.57	0.57	22.00
673	0.00	95.00	0.57	0.57	22.00
674	0.00	95.00	0.57	0.57	22.00
675	0.00	95.00	0.57	0.57	22.00
676	0.00	800.00	1.13	0.57	22.00
677	0.00	545.00	2.01	1.01	25.00
678	0.00	610.00	2.01	1.01	25.00
679	0.00	802.50	0.57	0.57	20.00
680	0.00	545.00	1.13	0.57	18.00
681	0.00	610.00	1.13	0.57	18.00

682	0.00	547.50	1.13	0.57	18.00
683	0.00	610.00	1.13	0.57	18.00
684	0.00	397.51	0.57	0.57	20.00
685	0.00	300.00	0.57	0.57	20.00
686	0.00	490.03	0.57	0.57	20.00
687	0.00	297.51	0.57	0.57	20.00
688	0.00	467.51	0.57	0.57	20.00
689	0.00	797.82	0.57	0.57	20.00
690	0.00	550.28	1.13	0.57	18.00
691	0.00	610.00	1.13	0.57	18.00
692	0.00	350.00	0.57	0.57	20.00
693	0.00	350.00	0.57	0.57	20.00
694	0.00	350.00	0.57	0.57	20.00
695	0.00	350.00	0.57	0.57	20.00
696	0.00	350.00	0.57	0.57	20.00
697	0.00	350.00	0.57	0.57	20.00
698	0.00	350.00	0.57	0.57	20.00
699	0.00	350.00	0.57	0.57	20.00
700	0.00	350.00	0.57	0.57	20.00
701	0.00	350.00	0.57	0.57	20.00
702	0.00	350.00	0.57	0.57	20.00
703	0.00	350.00	0.57	0.57	20.00
704	0.00	350.00	0.57	0.57	20.00
705	0.00	350.00	0.57	0.57	20.00
706	0.00	350.00	0.57	0.57	20.00
707	0.00	350.00	0.57	0.57	20.00
708	0.00	350.00	0.57	0.57	20.00
709	0.00	350.00	0.57	0.57	20.00
710	0.00	350.00	0.57	0.57	20.00
711	0.00	350.00	0.57	0.57	20.00
712	0.00	350.00	0.57	0.57	20.00
713	0.00	350.00	0.57	0.57	20.00
714	0.00	350.00	0.57	0.57	20.00
715	0.00	350.00	0.57	0.57	20.00
716	0.00	350.00	0.57	0.57	20.00
717	0.00	350.00	0.57	0.57	20.00
718	0.00	350.00	0.57	0.57	20.00
719	0.00	350.00	0.57	0.57	20.00
720	0.00	350.00	0.57	0.57	20.00
721	0.00	350.00	1.01	1.01	22.00
722	0.00	350.00	1.01	1.01	22.00
723	0.00	350.00	0.57	0.57	20.00

724	0.00	350.00	0.57	0.57	20.00
725	0.00	350.00	1.01	1.01	22.00
726	0.00	350.00	1.01	1.01	22.00
727	0.00	350.00	0.57	0.57	20.00
728	0.00	350.00	0.57	0.57	20.00
729	0.00	350.00	1.01	1.01	22.00
730	0.00	350.00	1.01	1.01	22.00
731	0.00	350.00	0.57	0.57	20.00
732	0.00	350.00	0.57	0.57	20.00
733	0.00	350.00	1.01	1.01	22.00
734	0.00	350.00	0.57	0.57	20.00
735	0.00	380.00	0.57	0.57	22.00
736	0.00	380.00	1.01	1.01	25.00
737	0.00	380.00	1.01	1.01	25.00
738	0.00	380.00	0.57	0.57	22.00
739	0.00	380.00	1.01	1.01	25.00
740	0.00	380.00	1.01	1.01	25.00
741	0.00	380.00	0.57	0.57	20.00
742	0.00	380.00	0.57	0.57	22.00
743	0.00	380.00	1.01	1.01	25.00
744	0.00	380.00	1.01	1.01	25.00
745	0.00	380.00	0.57	0.57	22.00

modello stato di fatto

Generato martedì 22 marzo 2016 alle ore 16:23:23.
All-In-One EWS 42 (10.02.2016) build 6357
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Parametri verifica strutture esistenti

Le verifiche nel seguito sono effettuate secondo i requisiti previsti dal Decreto 14 gennaio 2008 per le strutture esistenti analizzate con:

Spettro di progetto con $q = 2.000000$ scalato a 1.5 per elementi fragili

Il fattore di confidenza adottato è $CF = 1.200000$

I valori di resistenza dei materiali sono opportunamente ridotti del fattore di confidenza

Classificazione membrature

Elem	P/T	Q.ta	R	Vpy (kg)	Vpz (kg)	Vuy (kg)	Vuz (kg)	Fs	Duttilità
1	T	5479.64	3534.24	13797.7	13797.7			2.518	Duttile
2	T	6825.25	6043.22	14656.6	14656.6			2.14741	Duttile
3	T	9056	2482.47	17855.5	15847.2			1.82321	Duttile
4	P	39073.7	39073.7	7687.87	7687.87			0.196753	Fragile
5	P	44562.5	44562.5	14459.6	14459.6			0.324479	Fragile
6	P	94864.9	94864.9	14169.9	14169.9			0.149369	Fragile
7	P	84938.3	84938.3	14663.6	14663.6			0.172638	Fragile
8	P	106144	106144	15715.2	15715.2			0.148056	Fragile
9	P	167789	167789	13489.1	13489.1			0.0803931	Fragile
10	P	68882.5	68882.5	13903.9	13903.9			0.201849	Fragile
11	P	175429	175429	7687.87	7687.87			0.0438232	Fragile
12	P	75931.8	75931.8	13342.9	13342.9			0.175723	Fragile
13	P	68364.6	68364.6	13824.8	13824.8			0.202221	Fragile
14	P	86808.3	86808.3	14864.5	14864.5			0.171233	Fragile
15	P	164945	164945	13351.3	13351.3			0.0809437	Fragile
16	P	66983.5	66983.5	13617.9	13617.9			0.203302	Fragile
17	P	166366	166366	7687.87	7687.87			0.0462107	Fragile
18	P	68882.5	68882.5	13962.3	13962.3			0.202697	Fragile
19	P	68537.2	68537.2	13839.2	13839.2			0.201923	Fragile
20	P	68537.2	68537.2	13880.3	13880.3			0.202522	Fragile
21	T	9730.47	4583.26	12487.3	11821.7			1.23079	Duttile
22	T	6344.36	4002.02	19540.4	18287.2			3.09653	Duttile
23	T	10429	6546.01	18968.2	17687.3			1.82487	Duttile
24	T	11968.1	5305.74	10406.1	9851.44			0.831377	Fragile
25	T	12109	4616.21	14018.4	13478.5			1.12407	Duttile
26	T	11057.2	4062.26	13474	12881.7			1.1728	Duttile

27	T	11285.9	3872.59	14438.5	13918.1	1.27934	Duttile
28	T	5273.53	3987.35	16669.5	16669.5	3.18307	Duttile
29	T	8359.18	6398.18	16124.8	16124.8	1.93739	Duttile
30	T	9288.96	3693.64	13408.6	12815.8	1.39667	Duttile
31	T	10046.3	3955.43	12582.8	11911.7	1.25248	Duttile
32	T	9869.96	3864.07	12596.3	11924.8	1.27622	Duttile
33	T	9579.63	4515.57	11717.7	10968	1.22319	Duttile
34	T	9082.29	4627.12	11704.2	10954.8	1.13376	Duttile
35	T	7169.1	2564.83	12970.2	12337.2	1.80919	Duttile
36	P	43175.2	43175.2	13755.8	13755.8	0.318603	Fragile
37	P	44493.5	44493.5	14062.9	14062.9	0.316067	Fragile
38	P	47197.7	47197.7	14235.3	14235.3	0.30161	Fragile
39	P	43834.3	43834.3	13921	13921	0.317582	Fragile
40	P	52232.5	52232.5	7687.87	7687.87	0.147185	Fragile
41	P	10574.1	10574.1	16091.2	16091.2	1.52176	Duttile
42	P	10903.7	10903.7	16379.5	16379.5	1.5022	Duttile
43	P	11072.1	11072.1	16482.8	16482.8	1.48868	Duttile
44	P	10793.8	10793.8	16274.4	16274.4	1.50776	Duttile
45	P	11077.6	11077.6	16109.1	16109.1	1.45421	Duttile
46	P	11307.8	11307.8	16281	16281	1.4398	Duttile
47	P	12054.4	12054.4	16531.4	16531.4	1.37139	Duttile
48	P	11873.2	11873.2	16315.1	16315.1	1.37412	Duttile
49	T	8365.28	2445.83	17383.4	16078.6	2.07804	Duttile
50	T	9408.91	3072.76	16655.6	14443.7	1.67034	Duttile
51	T	13622	4946.93	15497	13099.1	1.01834	Duttile
52	T	9905.34	3950.43	17210.2	15863.9	1.73747	Duttile
53	T	5213.21	3990.65	17802.8	17802.8	3.427	Duttile
54	T	8049.26	6622.22	17043.9	17043.9	2.121	Duttile
55	T	13624.6	2649.22	20646.8	18995.7	1.46483	Duttile
56	T	13621.3	3139.3	18033.5	16018.2	1.32392	Duttile
57	T	12737.1	2929	18721.8	16807	1.46986	Duttile
58	T	12107	2908.64	17991.6	15978	1.43142	Duttile
59	T	13845	3181.36	19568.5	17803.7	1.4134	Duttile
60	T	13758.6	3362.86	18619.9	16709	1.35332	Duttile
61	T	5200.37	3990.65	14932.3	14932.3	2.87444	Duttile
62	T	8032.81	6586.03	14185.9	14185.9	1.766	Duttile
63	T	5393.42	4002.53	17822.7	17822.7	3.30452	Duttile
64	T	5020.94	3983.07	14919.6	14919.6	2.97149	Duttile
65	T	5416.71	4803.75	13553.2	13553.2	2.50212	Duttile
66	T	8625.43	2980.55	14831.2	14661	1.71948	Duttile
67	T	4316.73	3534.53	13606.8	13606.8	3.15211	Duttile
68	T	6782	2018.37	14966.5	14794.8	2.20679	Duttile
69	T	5365.23	4775.13	13468.8	13468.8	2.51039	Duttile
70	T	7410.33	2464.25	15275.6	15100.7	2.06139	Duttile
71	T	7433.42	3564.4	14924.6	14753.4	2.00777	Duttile
72	T	5918.7	5854.21	13468.8	13468.8	2.27564	Duttile
73	T	4654.83	4264.34	13482.4	13482.4	2.89643	Duttile
74	T	8282.16	3749.3	17595.7	17143	2.12453	Duttile
75	P	24669.7	24669.7	14465.5	14465.5	0.586368	Fragile
76	P	222576	222576	15133.8	15133.8	0.0679941	Fragile
77	P	88218.5	88218.5	15312.3	15312.3	0.173572	Fragile
78	P	211483	211483	7687.87	7687.87	0.0363522	Fragile
79	P	25581.2	25581.2	14988.3	14988.3	0.585911	Fragile
80	P	220074	220074	15056	15056	0.0684132	Fragile
81	P	88995.4	88995.4	15346	15346	0.172436	Fragile
82	P	221151	221151	7687.87	7687.87	0.034763	Fragile
83	P	21349.6	21349.6	14240.2	14240.2	0.666998	Fragile
84	P	96476.2	96476.2	14415.5	14415.5	0.14942	Fragile
85	P	85456.2	85456.2	14764.6	14764.6	0.172773	Fragile
86	P	105741	105741	15706.5	15706.5	0.148537	Fragile
87	P	11251.1	11251.1	16216.4	16216.4	1.44132	Duttile
88	P	12314.9	12314.9	17203.9	17203.9	1.397	Duttile
89	P	11480.4	11480.4	16468.5	16468.5	1.43448	Duttile
90	P	38771.6	38771.6	7687.87	7687.87	0.198286	Fragile
91	P	32402	32402	7687.87	7687.87	0.237265	Fragile

92	T	12291.5	3060.45	19032.7	17105.7	1.47287	Duttile
93	T	11732	2780.69	18782.4	16842.8	1.60096	Duttile
94	T	4665.08	3613.07	13854.1	13854.1	2.96975	Duttile
95	P	42447.7	42447.7	7687.87	7687.87	0.181114	Fragile
96	P	31344.6	31344.6	7687.87	7687.87	0.245269	Fragile
97	P	12296.1	12296.1	16689.1	16689.1	1.35727	Duttile
98	P	12779.5	12779.5	17117.9	17117.9	1.33947	Duttile
99	P	12915.5	12915.5	17193.9	17193.9	1.33127	Duttile
100	P	12719.1	12719.1	17047.1	17047.1	1.34027	Duttile
101	P	12537.8	12537.8	16887.5	16887.5	1.34693	Duttile
102	P	16556.1	34290.8	22137.6	23519.1	0.685872	Fragile
103	P	12296.1	12296.1	16636.4	16636.4	1.35297	Duttile
454	P	8938.49	8938.49	17214.5	17214.5	1.92589	Duttile
455	P	11232.9	11232.9	19880.4	19880.4	1.76984	Duttile
456	P	9771.94	9771.94	18496.4	18496.4	1.89281	Duttile
457	P	13980.8	28732.8	29397.5	31129.8	1.08342	Duttile
458	P	11866.8	11866.8	21570.4	21570.4	1.81771	Duttile
459	P	12147.3	12147.3	20633.7	20633.7	1.69863	Duttile
460	P	9605.25	9605.25	18250.6	18250.6	1.90006	Duttile
461	P	10105.3	10105.3	19075.6	19075.6	1.88768	Duttile
462	P	11938.9	11938.9	20104.9	20104.9	1.68398	Duttile
463	P	10857.4	10857.4	20166	20166	1.85735	Duttile
464	P	10147	10147	19129.7	19129.7	1.88526	Duttile
465	P	10313.7	10313.7	19468.6	19468.6	1.88765	Duttile
466	P	10857.4	10857.4	20273.3	20273.3	1.86724	Duttile
467	P	11772.2	11772.2	19788.7	19788.7	1.68097	Duttile
468	P	9938.63	9938.63	18817.8	18817.8	1.8934	Duttile
469	P	8980.17	8980.17	17362.6	17362.6	1.93344	Duttile
470	P	9813.61	9813.61	18546.2	18546.2	1.88985	Duttile
471	P	9806.45	9806.45	19464.9	19464.9	1.98491	Duttile
472	P	10480.4	10480.4	19814.9	19814.9	1.89067	Duttile
473	P	9105.18	9105.18	17452.7	17452.7	1.91679	Duttile
474	P	9195.71	9195.71	19248	19248	2.09315	Duttile
475	P	10417.9	10417.9	19656.3	19656.3	1.88679	Duttile
476	P	8980.17	8980.17	17379.5	17379.5	1.93532	Duttile
477	P	9172.48	9172.48	18307.7	18307.7	1.99594	Duttile
478	P	8980.17	8980.17	17319.6	17319.6	1.92865	Duttile
479	P	9771.94	9771.94	18534.7	18534.7	1.89672	Duttile
480	P	9313.54	9313.54	17841.3	17841.3	1.91563	Duttile
481	P	9313.54	9313.54	17796.8	17796.8	1.91085	Duttile
482	P	8298.14	8298.14	16753.1	16753.1	2.0189	Duttile
483	P	8697.01	8697.01	17545.1	17545.1	2.01737	Duttile
484	P	9098.19	9098.19	18152.3	18152.3	1.99516	Duttile
485	P	8459.27	8459.27	16958.8	16958.8	2.00476	Duttile
486	P	8358.56	8358.56	16842.6	16842.6	2.01502	Duttile
487	P	8855.5	8855.5	17806.7	17806.7	2.01081	Duttile
488	P	8036.3	8036.3	16413.9	16413.9	2.04247	Duttile
489	P	8538.52	8538.52	17348.3	17348.3	2.03177	Duttile
490	P	8332.58	8332.58	17158.2	17158.2	2.05917	Duttile
491	P	8712.67	8712.67	17875.9	17875.9	2.05171	Duttile
492	P	8868.61	8868.61	18098.9	18098.9	2.04078	Duttile
493	P	8556.74	8556.74	17618.1	17618.1	2.05897	Duttile
494	P	8980.17	8980.17	17356.6	17356.6	1.93277	Duttile
495	P	9313.54	9313.54	17851.5	17851.5	1.91672	Duttile
496	P	9313.54	9313.54	17860.3	17860.3	1.91767	Duttile
497	T	7649.93	5829.65	18579.2	17286.7	2.12287	Duttile
498	T	8371.9	5773.14	19832	18591.3	2.36262	Duttile
499	T	10252.2	3787.38	13978.7	13462.9	1.32835	Duttile
500	T	10092.7	3982.84	13025.4	12413.9	1.15966	Duttile
501	T	11114.1	3977.18	13272.6	12685.9	1.19422	Duttile
502	T	9591.75	3706.81	12238.5	11547.8	1.27594	Duttile
503	T	6570.41	5714.06	15800.2	15800.2	2.11994	Duttile
504	T	7439.98	5694.94	16924.4	16924.4	2.27425	Duttile
505	T	11157	5221.17	16671.6	16433.4	1.49428	Duttile
506	T	14797.3	6978.89	17003.6	16779	1.1491	Duttile

507	T	10955.6	5032.99	15293.6	14998.4	1.39596	Duttile
508	T	12261.5	6746.64	14040.8	13693.9	1.14511	Duttile
509	T	11232.1	7579.7	13378.5	13004.1	1.09795	Duttile
510	T	7857.14	3514.21	14677.9	14357.3	1.8614	Duttile
511	T	16095.3	6572.98	21043.7	20336.5	1.27045	Duttile
512	T	17727.8	7375.97	19997.5	19183.4	1.12803	Duttile
513	T	18124.9	7330.22	20333.3	19553.6	1.12184	Duttile
514	T	18578.2	8296.56	15174.2	14343.4	0.816776	Fragile
515	T	5655.98	5170.95	15800.2	15800.2	2.35966	Duttile
516	T	6638.5	5438.1	18319.7	18319.7	2.75298	Duttile
517	T	7203.3	5378.52	16924.4	16924.4	2.34954	Duttile
518	T	7015.64	6174.93	15800.2	15800.2	2.10276	Duttile
519	T	6638.5	5438.1	18319.7	18319.7	2.75298	Duttile
520	T	8751.89	5490.39	19832	18591.3	2.26602	Duttile
521	T	5655.98	5180.24	15800.2	15800.2	2.35966	Duttile
522	T	7088.32	5943.66	18319.7	18319.7	2.57813	Duttile
523	T	5720.71	5230.35	15800.2	15800.2	2.34052	Duttile
524	T	8188.71	5978.65	18319.7	18319.7	2.23239	Duttile
525	T	15111.9	5232.19	32441.5	21330.3	1.95004	Duttile
526	T	18651.3	6074.18	32865.8	21798	1.76212	Duttile
527	T	16613.1	5206.48	32441.5	21330.3	1.95277	Duttile
528	T	13975.4	4580.3	23061	22560.1	1.54992	Duttile
529	T	20702.5	6954.71	21886.4	21265.4	1.05718	Duttile
530	T	24095	6492.91	18786.5	18325	0.779684	Fragile
531	T	22730.3	6415.57	17892.7	17339.8	0.787174	Fragile
532	T	18114.5	5790.61	22160.7	21567.8	1.22337	Duttile
533	T	17982.1	6315.44	21093.4	20391.4	1.16849	Duttile
534	T	40861.6	17917	41925.4	26974.5	1.02603	Duttile
535	T	27587.5	11427.2	42245.3	27327	1.53132	Duttile
536	T	19095.7	7659.55	28563.9	25131.8	1.49583	Duttile
537	T	19786.5	4808.06	35072.3	24230.1	1.74165	Duttile
538	T	18005	4838.28	32705.4	21621.2	1.81646	Duttile
539	T	20568.6	6333.9	32705.4	21621.2	1.59006	Duttile
540	T	15649.1	4556.33	32705.4	21621.2	2.00056	Duttile
541	T	24452.6	7668.81	35343	24528.5	1.44537	Duttile
542	T	19477.7	5870.97	32876.4	21809.6	1.6879	Duttile
543	T	23007	10205.1	31186	19946.5	1.35357	Duttile
544	T	15292.3	6384.49	32062.7	20912.7	1.89363	Duttile
545	T	10908	5787.62	14084	13317	1.19656	Duttile
546	T	8557.49	4793.9	14305.2	13560.4	1.46521	Duttile
547	T	15049.4	5765.38	21851.7	20345	1.452	Duttile
548	T	14927.8	6288.32	21519.6	19988.1	1.44158	Duttile
549	T	13879.6	5550.4	21170.9	19613.5	1.40459	Duttile
550	T	15172.8	6515.29	19822.6	18164.5	1.30646	Duttile
551	T	12320.1	8123.17	16169.5	15784.1	1.2007	Duttile
552	T	11031	6800.36	16437.5	16063.1	1.33794	Duttile
553	T	13924.1	6003.59	18292.5	17760.7	1.25341	Duttile
554	T	15163.3	6801.93	17708.7	17152.8	1.16787	Duttile
555	T	14884.7	6387.06	17375.1	16805.4	1.16731	Duttile
556	T	13392.3	6960.45	15786.3	15151	1.17877	Duttile
557	T	10430.5	6821.01	15164.6	14503.6	1.3814	Duttile
558	T	9626.17	4163.45	16737.6	16141.6	1.73876	Duttile
559	T	12212.8	5259.97	17670.4	17112.9	1.3726	Duttile
560	T	13954.3	6482.54	17375.1	16805.4	1.24514	Duttile
561	T	14072	6371.56	17670.4	17112.9	1.25571	Duttile
562	T	14181.6	7693.58	16221.2	15603.8	1.14382	Duttile
563	T	8338.93	6570.01	15943.8	15315	1.91198	Duttile
564	T	7250.54	1624.39	15931.1	12563.2	2.18272	Duttile
565	T	11707.1	6019.69	16859.4	16397.2	1.4401	Duttile
566	T	4631.48	8389.52	9794.86	11009.3	1.31227	Duttile
567	T	8319.22	2066.64	15522.6	12766.8	1.62509	Duttile
568	T	11013.8	5772.45	16859.4	16397.2	1.53075	Duttile
569	T	9341.48	4506.96	13914.5	12912.2	1.48954	Duttile
570	T	7679.26	1734.19	15030	12159.7	1.82662	Duttile
571	T	8969.8	6626.22	15875	15372	1.56406	Duttile

572	T	7122.96	4639.06	16778.2	16312.6	2.25279	Duttile
573	T	21616.8	6161.42	32483.1	23780.8	1.50268	Duttile
574	T	22616.4	6405.45	32938.6	24282.9	1.36702	Duttile
575	T	21590.3	5935.67	31512.5	22711	1.45956	Duttile
576	T	22269.6	5493.78	29836.9	24563.6	1.20669	Duttile
577	T	27683.3	8193.48	29753.4	24471.5	1.07478	Duttile
578	T	23912.3	6983.5	30182.5	24944.5	1.26222	Duttile
579	T	24710.4	7774.74	30182.5	24944.5	1.22145	Duttile
580	T	23449.8	6666.77	29753.4	24471.5	1.19202	Duttile
581	T	24473.6	7529.83	28095.4	22644	1.14799	Duttile
582	T	20730.8	8644.54	23977.8	18105.4	1.15663	Duttile
583	T	17390.1	7859.49	26364.7	20736.4	1.51317	Duttile
584	T	28146.8	6986.79	32768.7	27462.1	1.16421	Duttile
585	T	33416	10024.4	26247.1	21716.5	0.785465	Fragile
586	T	25940.9	7250.87	31057.8	25576.3	1.19725	Duttile
587	T	27896.7	8548.65	31496.5	26059.8	1.12904	Duttile
588	T	27570.7	7628.53	31917.6	26523.9	1.15766	Duttile
589	T	24671.6	7401.92	30267.1	24704.8	1.2268	Duttile
590	T	30483.9	13398.3	22858.2	17981.1	0.749844	Fragile
591	T	29764.8	11320.6	30267.1	24704.8	1.01688	Duttile
592	T	28070.5	5846.63	34660	26180.3	1.21746	Duttile
593	T	25698.1	6359.04	31512.5	22711	1.22626	Duttile
594	T	25318.5	6076.83	32841.8	24176.2	1.29715	Duttile
595	T	22489.4	5947.52	31512.5	22711	1.28744	Duttile
596	T	27212.2	6747.33	34145.8	25613.4	1.20915	Duttile
597	T	26705.7	6983.6	31895.6	23133.2	1.19433	Duttile
598	T	27518.9	10863.1	29826.1	20852.1	1.08384	Duttile
599	T	25725.2	9845.51	32190.2	23458	1.25131	Duttile
600	P	121151	121151	23481.4	23481.4	0.19382	Fragile
601	P	75116.9	75116.9	22215.9	22215.9	0.29575	Fragile
602	P	75116.9	75116.9	22195.9	22195.9	0.295485	Fragile
603	P	76071	76071	22946.5	22946.5	0.301646	Fragile
604	P	135250	135250	26887.7	26887.7	0.1988	Fragile
605	P	83640	83640	25770.2	25770.2	0.308109	Fragile
606	P	84403.3	84403.3	26107.9	26107.9	0.309324	Fragile
607	P	87233.7	87233.7	27924.2	27924.2	0.320108	Fragile
608	P	134041	134041	26601.2	26601.2	0.198455	Fragile
609	P	83385.6	83385.6	25564.1	25564.1	0.306576	Fragile
610	P	84180.7	84180.7	25942.6	25942.6	0.308178	Fragile
611	P	86693.1	86693.1	27780.4	27780.4	0.320445	Fragile
612	P	119539	119539	22676.6	22676.6	0.1897	Fragile
613	P	74099.2	74099.2	21462.6	21462.6	0.289646	Fragile
614	P	74099.2	74099.2	21421.5	21421.5	0.289092	Fragile
615	P	75053.3	75053.3	22170.5	22170.5	0.295397	Fragile
616	T	5704.39	5897.38	19371.4	17472.9	2.96282	Duttile
617	T	27339.9	8702.26	38340.9	26871	1.39248	Duttile
618	T	24924.5	7014.54	38770	27343.9	1.5555	Duttile
619	T	11897.6	2300.93	18115.9	16911.3	1.52266	Duttile
620	T	26457.4	7991.74	34249.5	25727.8	1.29452	Duttile
621	T	23927.5	7014.54	34678.6	26200.7	1.44932	Duttile
622	T	22592.7	6781.89	33449.9	24846.5	1.48056	Duttile
623	T	22113.5	6031.68	33449.9	24846.5	1.51265	Duttile
624	T	11892.8	5673.64	18638.9	17676.7	1.32361	Duttile
625	T	20729.3	9114.84	15852	15073.9	0.725785	Fragile
626	T	17772.1	5300.68	19569.6	18676.8	1.10114	Duttile
627	T	18819	8479.58	19569.6	18676.8	1.03581	Duttile
628	T	15457.7	4060.55	17593.3	16553.1	1.13816	Duttile
629	T	11898.2	2300.02	18115.9	16911.3	1.52258	Duttile
630	T	29028.4	7871.96	33129.1	24492.9	1.14127	Duttile
631	T	29269.4	7459.41	34396.7	25890.1	1.17518	Duttile
632	P	11279.1	11279.1	20720	20720	1.83702	Duttile
633	P	11336.7	11336.7	20992.4	20992.4	1.85172	Duttile
634	P	10876.3	10876.3	19913.1	19913.1	1.83087	Duttile
635	P	10839.1	10839.1	20501.1	20501.1	1.8914	Duttile
636	P	11099.4	11099.4	21214.1	21214.1	1.91128	Duttile

697	P	10987.8	10987.8	20973.8	20973.8	1.90882	Duttile
698	P	10485.8	10485.8	19700.8	19700.8	1.8788	Duttile
699	P	11336.7	11336.7	20966.5	20966.5	1.84945	Duttile
700	P	11269.5	11269.5	20661.1	20661.1	1.83336	Duttile
701	P	10837.9	10837.9	19743.9	19743.9	1.82175	Duttile
702	P	10951.8	10951.8	20334.5	20334.5	1.85672	Duttile
703	P	11272.8	11272.8	21137.9	21137.9	1.87512	Duttile
704	P	11121.7	11121.7	20779.3	20779.3	1.86835	Duttile
705	P	10857.4	10857.4	20209.8	20209.8	1.86139	Duttile
706	P	11643.6	11643.6	22315.7	22315.7	1.91657	Duttile
707	P	11576.4	11576.4	21737.5	21737.5	1.87774	Duttile
708	P	11298.3	11298.3	20739	20739	1.83559	Duttile
709	P	10355.7	10355.7	19476.2	19476.2	1.88073	Duttile
710	P	10541.6	10541.6	19836.3	19836.3	1.88172	Duttile
711	P	10485.8	10485.8	19701.1	19701.1	1.87883	Duttile
712	P	9946.66	9946.66	18693.3	18693.3	1.87936	Duttile
713	P	12065.6	12065.6	24617.7	24617.7	2.04033	Duttile
714	P	11912.1	11912.1	23562.3	23562.3	1.97801	Duttile
715	P	11490.1	11490.1	21391.3	21391.3	1.86172	Duttile
716	P	12103.9	12103.9	24751.6	24751.6	2.04492	Duttile
717	P	11950.5	11950.5	23784	23784	1.99021	Duttile
718	P	11797	11797	22905.4	22905.4	1.94162	Duttile
719	P	11029.7	11029.7	20266.8	20266.8	1.83747	Duttile
720	P	17242.4	17242.4	26035.3	26035.3	1.50996	Duttile
721	P	20781.6	20781.6	30511	30511	1.46818	Duttile
722	P	20630.5	20630.5	29712.2	29712.2	1.44021	Duttile
723	P	17069.8	17069.8	24859.9	24859.9	1.45637	Duttile
724	P	17199.3	17199.3	25398.1	25398.1	1.4767	Duttile
725	P	20695.3	20695.3	30097	30097	1.45429	Duttile
726	P	20652.1	20652.1	29758.6	29758.6	1.44095	Duttile
727	P	17069.8	17069.8	24980.9	24980.9	1.46346	Duttile
728	P	21817.5	44778.9	32883.6	34212.5	0.764032	Fragile
729	P	21126.9	21126.9	32540.5	32540.5	1.54024	Duttile
730	P	21040.6	21040.6	31773.2	31773.2	1.51009	Duttile
731	P	16821.6	16821.6	23006.6	23006.6	1.36768	Duttile
732	P	16600.7	16600.7	23825.8	23825.8	1.43523	Duttile
733	P	20077.8	20077.8	29203.6	29203.6	1.45452	Duttile
734	P	16351.6	16351.6	21980.5	21980.5	1.34424	Duttile
735	P	25775.3	25775.3	27445.5	27445.5	1.0648	Duttile
736	P	30799.2	30799.2	36837.7	36837.7	1.19606	Duttile
737	P	26224.2	26224.2	31930.1	31930.1	1.21758	Duttile
738	P	21630.2	21630.2	28615.7	28615.7	1.32296	Duttile
739	P	26954.5	26954.5	40424.1	40424.1	1.49971	Duttile
740	P	27129.7	27129.7	41267.6	41267.6	1.52112	Duttile
741	P	23031.3	47551.5	40045.6	41175.2	0.865907	Fragile
742	P	22470.8	22470.8	31941.8	31941.8	1.42148	Duttile
743	P	22400.8	22400.8	33257.1	33257.1	1.48464	Duttile
744	P	22470.8	22470.8	34021.2	34021.2	1.51401	Duttile
745	P	22615.3	22615.3	33053.6	33053.6	1.46156	Duttile

Vengono calcolati i tagli **Vpy** e **Vpz** dovuti a fenomeni anelastici e i tagli ultimi **Vuy** e **Vuz**. Il minor fattore di sicurezza **Fs** tra i due valori nei due piani determina se l'elemento è **Duttile** o **Fragile**. Nel caso gli elementi siano rinforzati, viene riportata un **R** nella colonna omonima e le caratteristiche del rinforzo vengono riportate nella apposita tabella.

Combinazioni di carico di stato limite ultimo

1	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 1.00 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLVh X
2	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 1.00 * (1) Neve + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLVh X
3	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 1.00 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLVh X
4	-1.00 * (1) Torcente di piano SLV + -0.30 * (1) Dinamica SLVh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni

	+ 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLDh Y
16	1.00 * (1) Torcente di piano SLD + 0.30 * (1) Dinamica SLDh X + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + 1.00 * (1) Dinamica SLDh Y

Combinazioni di carico di stato limite di operatività

1	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLOh X
2	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + 1.00 * (1) Dinamica SLOh X
3	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLOh X
4	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + 1.00 * (1) Dinamica SLOh X
5	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLOh X
6	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + 1.00 * (1) Dinamica SLOh X
7	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLOh X
8	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh Y + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + 1.00 * (1) Dinamica SLOh X
9	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLOh Y
10	-1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + 1.00 * (1) Dinamica SLOh Y
11	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLOh Y
12	-1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + 1.00 * (1) Dinamica SLOh Y
13	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLOh Y
14	1.00 * (1) Torcente di piano SLO + -0.30 * (1) Dinamica SLOh X + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + 1.00 * (1) Dinamica SLOh Y
15	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + -1.00 * (1) Dinamica SLOh Y
16	1.00 * (1) Torcente di piano SLO + 0.30 * (1) Dinamica SLOh X + 0.60 * (1) Accidentale balconi + 1.00 * (1) Balconi e cornicioni + 1.00 * (1) Tamponature esterne + 0.30 * (1) Accidentale sottotetto + 0.60 * (1) Accidentale di piano + 1.00 * (1) Permanente + 1.00 * (1) Peso Proprio + 1.00 * (1) Dinamica SLOh Y

Verifica a taglio

Elem	P/T	Q.ta	R	Cmb	Vdy (kg)	Vdz (kg)	Vuy (kg)	Vuz (kg)	Fs	Esito
1	T			70	4316.69	579.045	11498.1	11542.4	2.34967	verificato
2	T			67	3964.28	-600.36	12213.8	12213.8	2.67575	verificato
3	T			32	-5244.67	291.237	14879.6	13206	2.67003	verificato
4	P			67	3534	16132.9	7687.87	7687.87	0.390905	NON VERIFICATO
5	P			53	5060.02	19094.3	14459.6	14459.6	0.598634	NON VERIFICATO
6	P			37	-3106.7	579.537	14169.9	14169.9	3.84399	verificato
7	P			4	12796.4	-933.22	14663.6	14663.6	1.06802	verificato
8	P			4	39026.9	-1492.46	15715.2	15715.2	0.387846	NON VERIFICATO
9	P			15	3754.03	474.488	13489.1	13489.1	3.19002	verificato
10	P			12	12829.6	338.483	13903.9	13903.9	1.05588	verificato
11	P			15	36369.1	-553.448	7687.87	7687.87	0.208216	NON VERIFICATO
12	P			27	-3121.75	43.2102	13342.9	13342.9	4.21583	verificato
13	P			14	12274.9	-131.128	13824.8	13824.8	1.11436	verificato
14	P			14	36804.6	-220.513	14864.5	14864.5	0.40147	NON VERIFICATO

15	P	27	-3521.24	442.159	13351.3	13351.3	3.36863	verificato
16	P	37	-12733.8	-1045.95	13617.9	13617.9	0.988253	NON VERIFICATO
17	P	4	38545.1	3566.09	7687.87	7687.87	0.182561	NON VERIFICATO
18	P	72	4260.45	4885.35	13962.3	13962.3	1.52664	verificato
19	P	13	8928.92	-4107.02	13839.2	13839.2	1.06162	verificato
20	P	3	19294.3	-1554.91	13880.3	13880.3	0.665747	NON VERIFICATO
21	T	62	4964.86	-117.931	10406.1	9851.44	2.04465	verificato
22	T	22	1859.57	417.566	16301.9	15257.4	7.0702	verificato
23	T	17	-5612.9	-431.706	15875.8	14762.8	2.61237	verificato
24	T	57	-5136.81	1081.24	10406.1	9851.44	1.65731	verificato
25	T	62	6674.85	-630.485	11718.6	11267.7	1.5986	verificato
26	T	72	6160.53	295.437	11261.9	10767.4	1.74076	verificato
27	T	62	6997.22	-863.436	12098	11662.6	1.53278	verificato
28	T	57	1066.33	1023.62	13912.3	13912.3	6.65678	verificato
29	T	25	5230.72	426.982	13456.3	13506.5	2.37906	verificato
30	T	72	-5053.65	-552.944	11199.6	10704.8	1.98852	verificato
31	T	32	4732.67	1981.44	10505.3	9945.49	1.53909	verificato
32	T	62	-4872.97	-1348.22	10518.7	9958.55	1.67043	verificato
33	T	32	4750.82	-849.352	9773.49	9148.5	1.72732	verificato
34	T	72	-4466.57	-164.21	9759.98	9135.37	2.10253	verificato
35	T	12	4292.9	563.671	10829.2	10301.1	2.21661	verificato
36	P	7	-8433.74	4783.45	13755.8	13755.8	1.04075	verificato
37	P	62	-2648.41	-9219.5	14062.9	14062.9	1.18495	verificato
38	P	57	-178.386	8423.95	14235.3	14235.3	1.65482	verificato
39	P	42	-1332.64	-8603.98	13921	13921	1.40098	verificato
40	P	3	-5338.56	-3286.79	7687.87	7687.87	0.891311	NON VERIFICATO
41	P	19	-4657.81	-384.124	13516.7	13516.7	2.68085	verificato
42	P	7	72.6484	-3307.49	13804.9	13804.9	4.08414	verificato
43	P	7	-2998.69	-2809.38	13906.9	13906.9	2.39442	verificato
44	P	7	-2660.48	-3876.62	13699.9	13699.9	2.09571	verificato
45	P	28	-5684.41	-3702.47	13534.6	13534.6	1.44187	verificato
46	P	32	4175.47	3764.55	13706.5	13706.5	1.72625	verificato
47	P	47	-3937.13	-2077.8	13951.2	13951.2	2.31942	verificato
48	P	28	6492.29	-131.523	13734.9	13734.9	2.07356	verificato
49	T	32	-4217.77	-396.07	14666.5	13435.7	3.15399	verificato
50	T	27	-6935.68	-64.4882	13884.4	12040.9	1.98064	verificato
51	T	7	-5494.69	327.252	12914.8	10916.5	2.1957	verificato
52	T	62	3149.72	110.458	14375.1	13319.1	4.3975	verificato
53	T	30	-1160.55	764.07	14913.8	14857.3	7.73726	verificato
54	T	75	1657.41	-123.523	14203.2	14203.2	7.97515	verificato
55	T	12	-10633.4	303.339	17289.8	15910.6	1.5771	verificato
56	T	37	8614.28	-1183.75	15057.6	13377	1.51382	verificato
57	T	12	-8272.77	-7.15444	15641.8	14044.5	1.88894	verificato
58	T	12	-7560.16	-1367.02	15015.7	13336.8	1.65021	verificato
59	T	12	-7965.9	139.982	16338.9	14867	2.01224	verificato
60	T	27	8264.2	-1427.28	15539.9	13946.6	1.57693	verificato
61	T	55	-1353.76	-1102.28	12519.6	12519.6	5.09748	verificato
62	T	67	-2983.98	587.65	11821.6	11821.6	3.30985	verificato
63	T	52	3862.11	-520.972	14882.6	14882.6	3.39546	verificato
64	T	78	1321.74	1105.4	12446.5	12502.9	5.13861	verificato
65	T	33	-626.201	-2488.65	11308.4	11308.4	3.63049	verificato
66	T	17	8287.78	335.145	12392.9	12250.7	1.43656	verificato
67	T	70	2560.42	660.923	11362	11362	3.5271	verificato
68	T	32	6218.28	46.8854	12528.2	12384.6	1.99949	verificato
69	T	55	-4516.31	-886.763	11224	11224	2.07734	verificato
70	T	12	-5941.03	46.5004	12837.3	12690.5	2.14381	verificato
71	T	7	5085.86	1312.86	12486.4	12343.2	1.94675	verificato
72	T	80	-4376.95	-1120.2	11224	11224	2.04179	verificato
73	T	45	3632.78	1178.87	11237.6	11237.6	2.33549	verificato
74	T	37	5053.26	-458.269	14730.2	14352.3	2.66678	verificato
75	P	7	9614.72	-2740.77	14465.5	14465.5	1.17078	verificato
76	P	70	1709.29	14910.9	15133.8	15133.8	0.910569	NON VERIFICATO
77	P	27	-22635.5	-5042.3	15312.3	15312.3	0.553234	NON VERIFICATO
78	P	29	-46689.3	-5573.99	7687.87	7687.87	0.187099	NON VERIFICATO
79	P	12	-11632.2	-0.618455	14988.3	14988.3	1.28845	verificato

80	P	12	10290.3	-31.7976	15056	15056	1.45861	verificato
81	P	12	18043	-923.239	15346	15346	0.809126	NON VERIFICATO
82	P	4	43421.8	1349.03	7687.87	7687.87	0.181716	NON VERIFICATO
83	P	32	-9612.51	-880.726	14240.2	14240.2	1.35708	verificato
84	P	32	9270.98	2793.18	14415.5	14415.5	1.1949	verificato
85	P	12	16812.3	-122.289	14764.6	14764.6	0.871856	NON VERIFICATO
86	P	2	40307.1	-39.6602	15706.5	15706.5	0.389288	NON VERIFICATO
87	P	52	3317.24	1656.31	13641.9	13641.9	2.74289	verificato
88	P	33	-4851.21	-489.847	14629.4	14629.4	2.73905	verificato
89	P	22	-4575.39	-2089.2	13893.9	13893.9	2.08474	verificato
90	P	2	-8791.44	7.97378	7687.87	7687.87	0.87368	NON VERIFICATO
91	P	17	12938.6	2861.16	7687.87	7687.87	0.486581	NON VERIFICATO
92	T	2	-7544.57	-80.3479	15952.7	14343.2	2.08971	verificato
93	T	37	6792.3	361.989	15720.7	14101.7	2.18469	verificato
94	T	80	2086.38	-508.882	11571.9	11643.7	4.46426	verificato
95	P	42	-5769.24	12522.4	7687.87	7687.87	0.420293	NON VERIFICATO
96	P	4	-13109.1	-2592.09	7687.87	7687.87	0.489636	NON VERIFICATO
97	P	12	-7090.79	-164.651	14108.9	14108.9	1.9446	verificato
98	P	12	-6552.81	3321.04	14537.6	14537.6	1.47234	verificato
99	P	69	-3493.52	-6877.26	14613.7	14613.7	1.40913	verificato
100	P	47	-4796.44	8485.79	14466.9	14466.9	1.08919	verificato
101	P	72	4815.43	-7215.86	14307.3	14307.3	1.18918	verificato
102	P	67	-8978.86	-52557.1	22137.6	23519.1	0.378752	NON VERIFICATO
103	P	7	6801.8	642.032	14056.1	14056.1	1.88829	verificato
179	T	77	474.213	467.89	607.679	683.69	0.682721	NON VERIFICATO
180	T	17	-402.137	69.8253	607.679	683.69	1.30909	verificato
181	T	27	-392.987	4.0289	607.679	683.69	1.53235	verificato
186	T	28	651.128	1e-006	607.679	683.69	0.933271	NON VERIFICATO
187	T	28	639.802	1e-006	607.679	683.69	0.949792	NON VERIFICATO
188	T	2	-392.057	5.01127	607.679	683.69	1.53257	verificato
189	T	22	-388.128	2.05754	607.679	683.69	1.55832	verificato
190	T	22	-388.209	0.834967	607.679	683.69	1.56235	verificato
191	T	22	-387.519	0.994617	607.679	683.69	1.56456	verificato
192	T	17	387.264	1.32834	607.679	683.69	1.56439	verificato
193	T	17	387.779	1.83233	607.679	683.69	1.56052	verificato
194	T	28	631.184	1e-006	607.679	683.69	0.96276	NON VERIFICATO
195	T	13	-634.293	1e-006	607.679	683.69	0.95804	NON VERIFICATO
200	T	17	388.392	0.101356	607.679	683.69	1.56424	verificato
201	T	52	388.465	9.86921	607.679	683.69	1.52976	verificato
202	T	37	391.447	0.498336	607.679	683.69	1.55064	verificato
203	T	62	391.69	43.684	607.679	683.69	1.41151	verificato
204	T	67	398.108	176.368	607.679	683.69	1.09518	verificato
205	T	67	-516.78	-717.804	607.679	683.69	0.526229	NON VERIFICATO
209	T	67	-444.932	712.28	607.679	683.69	0.563697	NON VERIFICATO
210	T	52	-396.45	-173.046	607.679	683.69	1.10435	verificato
211	T	77	-398.848	-47.1705	607.679	683.69	1.37866	verificato
212	T	12	-397.984	-0.802418	607.679	683.69	1.52416	verificato
213	T	32	-395.559	-0.133673	607.679	683.69	1.53579	verificato
214	T	52	395.865	3.5051	607.679	683.69	1.52308	verificato
215	T	27	398.863	2.5464	607.679	683.69	1.51493	verificato
216	T	2	400.861	2.13981	607.679	683.69	1.50877	verificato
217	T	22	410.946	17.4443	607.679	683.69	1.42497	verificato
218	T	2	-554.968	290.828	607.679	683.69	0.747027	NON VERIFICATO
444	T	57	216.776	357.554	607.679	683.69	1.13674	verificato
445	T	22	211.526	-58.7805	607.679	683.69	2.3038	verificato
446	T	27	-211.57	4.3885	607.679	683.69	2.82024	verificato
447	T	22	206.301	27.5708	607.679	683.69	2.63284	verificato
448	T	57	-289.202	-391.13	607.679	683.69	0.954198	NON VERIFICATO
454	P	54	7873.81	-16357.8	14644.6	14644.6	0.604358	NON VERIFICATO
455	P	69	1500.98	20214.1	17157.4	17157.4	0.790117	NON VERIFICATO
456	P	79	11014.2	13669.3	15926.5	15926.5	0.645227	NON VERIFICATO
457	P	53	-5425.67	-47184.4	25429.5	26897.6	0.508237	NON VERIFICATO
458	P	69	-1870.27	17624.2	18847.5	18847.5	0.96681	NON VERIFICATO
459	P	67	-7823.34	16822.4	17902.2	17902.2	0.726382	NON VERIFICATO
460	P	54	9077.62	-13688.9	15680.6	15680.6	0.688758	NON VERIFICATO

461	P	35	-15871.7	1280.67	16505.6	16505.6	0.962294	NON VERIFICATO
462	P	7	14708.2	-1369.57	17373.4	17373.4	1.08058	verificato
463	P	39	13778.3	-214.717	17451.6	17451.6	1.24716	verificato
464	P	38	16585.4	-2080.08	16559.7	16559.7	0.887185	NON VERIFICATO
465	P	4	-16592.3	2482.8	16898.6	16898.6	0.885899	NON VERIFICATO
466	P	4	-14660.8	1369.47	17558.9	17558.9	1.09536	verificato
467	P	32	-15467.7	-254.126	17057.2	17057.2	1.08494	verificato
468	P	32	-16719.7	-97.288	16247.8	16247.8	0.966156	NON VERIFICATO
469	P	24	-12553.4	-3901.5	14792.7	14792.7	0.898984	NON VERIFICATO
470	P	34	-13986.8	-384.179	15976.3	15976.3	1.1117	verificato
471	P	29	13616.9	665.248	16903.5	16903.5	1.18354	verificato
472	P	28	14864.9	247.855	17244.9	17244.9	1.14108	verificato
473	P	24	-14455.1	-1233.33	14882.7	14882.7	0.948641	NON VERIFICATO
474	P	14	-13782.1	-583.104	16695.2	16695.2	1.1622	verificato
475	P	14	-15123.9	-534.968	17086.3	17086.3	1.09116	verificato
476	P	24	-13482.4	-8111.89	14809.5	14809.5	0.685805	NON VERIFICATO
477	P	14	-14655.9	-248.877	15746.3	15746.3	1.05646	verificato
478	P	24	-13537.1	-7691.91	14749.6	14749.6	0.694787	NON VERIFICATO
479	P	4	-16542.3	-4003.2	15964.7	15964.7	0.777042	NON VERIFICATO
480	P	38	15776.8	2960.15	15271.4	15271.4	0.81504	NON VERIFICATO
481	P	39	16769.7	1413.91	15226.9	15226.9	0.837397	NON VERIFICATO
482	P	64	-135.454	-14012.3	14183.1	14183.1	1.0025	verificato
483	P	63	-143.184	-14779.2	14980.8	14980.8	1.00391	verificato
484	P	58	9066.92	13813.6	15588.1	15588.1	0.681282	NON VERIFICATO
485	P	57	6204.9	13148.3	14388.8	14388.8	0.743483	NON VERIFICATO
486	P	64	-146.478	-13848.3	14272.7	14272.7	1.01986	verificato
487	P	64	-325.83	-14358.7	15242.5	15242.5	1.03799	verificato
488	P	59	9836	10099	13843.9	13843.9	0.69445	NON VERIFICATO
489	P	58	14572.5	10814.6	14784	14784	0.582345	NON VERIFICATO
490	P	59	8398.55	10736.9	14593.9	14593.9	0.762667	NON VERIFICATO
491	P	64	-231.311	-14912.5	15311.6	15311.6	1.01108	verificato
492	P	59	5211.98	14278.9	15534.6	15534.6	0.79702	NON VERIFICATO
493	P	63	-457.23	-15144.6	15053.8	15053.8	0.964874	NON VERIFICATO
494	P	63	-5700.02	-15595.9	14786.6	14786.6	0.694341	NON VERIFICATO
495	P	60	393.887	14703.2	15281.5	15281.5	1.01221	verificato
496	P	14	-13053.4	-469.354	15290.3	15290.3	1.13071	verificato
497	T	18	10873.4	1e-006	15482.7	14405.6	1.4239	verificato
498	T	22	-8968.02	1e-006	16526.6	15492.7	1.84284	verificato
499	T	63	-10790.1	1e-006	11648.9	11219.1	1.07959	verificato
500	T	63	-10412.1	1e-006	10854.5	10344.9	1.04249	verificato
501	T	63	-9972.4	1e-006	11060.5	10571.6	1.10911	verificato
502	T	58	12633.5	1e-006	10198.7	9623.2	0.807274	NON VERIFICATO
503	T	25	-10730	1e-006	13166.9	13166.9	1.22711	verificato
504	T	22	-7998.42	1e-006	14103.7	14103.7	1.76331	verificato
505	T	63	-13265.6	1e-006	13893	13694.5	1.0473	verificato
506	T	73	-12289.6	1e-006	14169.7	13982.5	1.15298	verificato
507	T	63	-11854.7	1e-006	12744.6	12498.6	1.07507	verificato
508	T	48	14659.5	1e-006	11700.7	11411.6	0.798165	NON VERIFICATO
509	T	58	13274.8	1e-006	11148.7	10836.8	0.839841	NON VERIFICATO
510	T	62	-9516.65	1e-006	12231.6	11964.4	1.28528	verificato
511	T	72	-13184.2	1e-006	17536.4	16947.1	1.33011	verificato
512	T	57	11723.2	1e-006	16664.6	15986.2	1.4215	verificato
513	T	72	-10793.7	1e-006	16944.4	16294.6	1.56984	verificato
514	T	57	20181.1	1e-006	15174.2	14343.4	0.751903	NON VERIFICATO
515	T	75	-4575.25	1e-006	13166.9	13166.9	2.87784	verificato
516	T	63	-4118.88	1e-006	15266.4	15266.4	3.70646	verificato
517	T	77	5626.93	1e-006	14103.7	14103.7	2.50646	verificato
518	T	67	5763.42	1e-006	13166.9	13166.9	2.28455	verificato
519	T	52	-3784.75	1e-006	15266.4	15266.4	4.03367	verificato
520	T	67	11002.6	1e-006	16526.6	15492.7	1.50207	verificato
521	T	67	7883.58	1e-006	13166.9	13166.9	1.67016	verificato
522	T	52	-6570.72	1e-006	15266.4	15266.4	2.3234	verificato
523	T	55	-16693.5	1e-006	13166.9	13166.9	0.788743	NON VERIFICATO
524	T	52	-10105.1	1e-006	15266.4	15266.4	1.51076	verificato
525	T	33	-14120.4	1e-006	27034.6	17775.3	1.91458	verificato

526	T	23	-12544.1	1e-006	27388.2	18165	2.18336	verificato
527	T	18	13993.6	1e-006	27034.6	17775.3	1.93192	verificato
528	T	33	-10879.4	1e-006	19217.5	18800.1	1.76642	verificato
529	T	33	-13730.5	1e-006	18238.6	17721.2	1.32833	verificato
530	T	22	-19597.2	1e-006	18786.5	18325	0.95863	NON VERIFICATO
531	T	7	18817.8	1e-006	17892.7	17339.8	0.950838	NON VERIFICATO
532	T	7	11395.1	1e-006	18467.3	17973.1	1.62063	verificato
533	T	17	12151.7	1e-006	17577.8	16992.8	1.44654	verificato
534	T	28	14629.9	1e-006	34937.9	22478.8	2.38811	verificato
535	T	18	17899.2	1e-006	35204.4	22772.5	1.96681	verificato
536	T	28	19329.3	1e-006	23803.3	20943.2	1.23146	verificato
537	T	13	-18757.1	1e-006	29226.9	20191.7	1.55818	verificato
538	T	38	17871	1e-006	27254.5	18017.7	1.52507	verificato
539	T	13	-15052.1	1e-006	27254.5	18017.7	1.81068	verificato
540	T	13	-15138	1e-006	27254.5	18017.7	1.80041	verificato
541	T	13	-14633.3	1e-006	29452.5	20440.4	2.0127	verificato
542	T	28	15279.7	1e-006	27397	18174.7	1.79303	verificato
543	T	38	17712.1	1e-006	25988.4	16622.1	1.46726	verificato
544	T	28	18717.2	1e-006	26718.9	17427.3	1.42751	verificato
545	T	7	31889.1	1e-006	11736.7	11097.5	0.368048	NON VERIFICATO
546	T	10	19743.4	1e-006	11921	11300.3	0.603797	NON VERIFICATO
547	T	74	-25329.8	1e-006	18209.7	16954.2	0.718907	NON VERIFICATO
548	T	49	20659.1	1e-006	17933	16656.7	0.868045	NON VERIFICATO
549	T	64	-19211.8	1e-006	17642.5	16344.6	0.918315	NON VERIFICATO
550	T	49	32172.5	1e-006	16518.8	15137.1	0.513445	NON VERIFICATO
551	T	35	-38887.1	1e-006	13474.6	13153.4	0.346506	NON VERIFICATO
552	T	10	26612.7	1e-006	13697.9	13385.9	0.514712	NON VERIFICATO
553	T	74	-23894.4	1e-006	15243.7	14800.5	0.637963	NON VERIFICATO
554	T	49	21087.6	1e-006	14757.2	14294	0.699806	NON VERIFICATO
555	T	59	19713.5	1e-006	14479.3	14004.5	0.734486	NON VERIFICATO
556	T	49	26599.7	1e-006	13155.3	12625.8	0.494566	NON VERIFICATO
557	T	75	-24976.6	1e-006	12637.2	12086.3	0.505961	NON VERIFICATO
558	T	50	17926.2	1e-006	13948	13451.3	0.778081	NON VERIFICATO
559	T	74	-19970	1e-006	14725.3	14260.7	0.73737	NON VERIFICATO
560	T	59	17925.5	1e-006	14479.3	14004.5	0.807747	NON VERIFICATO
561	T	74	-16477.9	1e-006	14725.3	14260.7	0.89364	NON VERIFICATO
562	T	59	23501.5	1e-006	13517.6	13003.2	0.575183	NON VERIFICATO
563	T	49	19646.4	1e-006	13286.5	12762.5	0.676283	NON VERIFICATO
564	T	50	14711.2	1e-006	13275.9	10469.3	0.902433	NON VERIFICATO
565	T	79	22695.5	1e-006	14049.5	13664.3	0.619044	NON VERIFICATO
566	T	77	2627.23	1e-006	8162.38	9174.43	3.10684	verificato
567	T	80	16469.3	1e-006	12935.5	10639	0.78543	NON VERIFICATO
568	T	69	26012.9	1e-006	14049.5	13664.3	0.540097	NON VERIFICATO
569	T	79	23145.7	1e-006	11595.4	10760.2	0.500976	NON VERIFICATO
570	T	44	-26425.7	1e-006	12525	10133.1	0.47397	NON VERIFICATO
571	T	79	32579.8	1e-006	13229.1	12810	0.406053	NON VERIFICATO
572	T	80	18831.6	1e-006	13981.9	13593.8	0.742468	NON VERIFICATO
573	T	24	-22531.7	1e-006	27069.3	19817.3	1.20139	verificato
574	T	24	-17553.5	1e-006	27448.8	20235.7	1.56372	verificato
575	T	19	25575	1e-006	26260.4	18925.8	1.0268	verificato
576	T	24	-20797.3	1e-006	24864.1	20469.6	1.19554	verificato
577	T	39	20871.5	1e-006	24794.5	20392.9	1.18796	verificato
578	T	4	-19426.5	1e-006	25152.1	20787.1	1.29473	verificato
579	T	19	20532.4	1e-006	25152.1	20787.1	1.225	verificato
580	T	34	-20078.4	1e-006	24794.5	20392.9	1.23489	verificato
581	T	19	21202	1e-006	23412.8	18870	1.10427	verificato
582	T	9	33611.6	1e-006	19981.5	15087.9	0.594482	NON VERIFICATO
583	T	19	30504.1	1e-006	21970.6	17280.3	0.72025	NON VERIFICATO
584	T	4	-23612	1e-006	27307.2	22885.1	1.1565	verificato
585	T	39	25649.2	1e-006	26247.1	21716.5	1.02331	verificato
586	T	14	-20908.3	1e-006	25881.5	21313.6	1.23786	verificato
587	T	4	-21880	1e-006	26247.1	21716.5	1.19959	verificato
588	T	4	-22677.8	1e-006	26598	22103.3	1.17286	verificato
589	T	39	22976.7	1e-006	25222.6	20587.3	1.09775	verificato
590	T	39	41397.6	1e-006	22858.2	17981.1	0.552161	NON VERIFICATO

591	T	39	32881.2	1e-006	25222.6	20587.3	0.767082 NON VERIFICATO
592	T	14	-28042	1e-006	28883.4	21816.9	1.03 verificato
593	T	39	26726.8	1e-006	26260.4	18925.8	0.98255 NON VERIFICATO
594	T	14	-21258.9	1e-006	27368.2	20146.9	1.28738 verificato
595	T	4	-24034	1e-006	26260.4	18925.8	1.09263 verificato
596	T	4	-25571.6	1e-006	28454.8	21344.5	1.11275 verificato
597	T	39	25984.2	1e-006	26579.6	19277.7	1.02291 verificato
598	T	39	35640	1e-006	24855.1	17376.8	0.697392 NON VERIFICATO
599	T	39	36668.7	1e-006	26825.2	19548.3	0.731555 NON VERIFICATO
648	T	44	-553.607	1e-006	1974.88	1734.88	3.5673 verificato
649	T	44	-163.134	1e-006	1974.88	1734.88	>10.0 verificato
650	T	44	-156.708	1e-006	1974.88	1734.88	>10.0 verificato
651	T	79	557.511	1e-006	1974.88	1734.88	3.54232 verificato
652	T	44	-1345.83	1e-006	1974.88	1734.88	1.46741 verificato
653	T	41	-336.014	1e-006	1974.88	1734.88	5.87737 verificato
654	T	79	350.4	1e-006	1974.88	1734.88	5.63608 verificato
655	T	69	1332.37	1e-006	1974.88	1734.88	1.48223 verificato
656	T	44	-839.439	1e-006	1974.88	1734.88	2.35262 verificato
657	T	79	197.759	1e-006	1974.88	1734.88	9.98629 verificato
658	T	79	203.129	1e-006	1974.88	1734.88	9.72228 verificato
659	T	79	827.386	1e-006	1974.88	1734.88	2.38689 verificato
660	P	44	-12739.4	14159.6	23481.4	23481.4	0.87295 NON VERIFICATO
661	P	4	-7419.47	835.344	22215.9	22215.9	2.69126 verificato
662	P	4	-8666.91	-465.434	22195.9	22195.9	2.43047 verificato
663	P	4	-20745.1	-1449.48	22946.5	22946.5	1.03388 verificato
664	P	44	-9178.2	13578.2	26887.7	26887.7	1.18154 verificato
665	P	4	-5567.12	-299.076	25770.2	25770.2	4.39301 verificato
666	P	4	-7807.69	88.551	26107.9	26107.9	3.30638 verificato
667	P	4	-30880.6	-1374.64	27924.2	27924.2	0.865726 NON VERIFICATO
668	P	69	-8920.89	-14986.9	26601.2	26601.2	1.11266 verificato
669	P	34	-5911.1	311.287	25564.1	25564.1	4.1084 verificato
670	P	34	-7634.08	37.643	25942.6	25942.6	3.38159 verificato
671	P	34	-31877	-37.2203	27780.4	27780.4	0.87047 NON VERIFICATO
672	P	69	-11904.1	-15189.7	22676.6	22676.6	0.836966 NON VERIFICATO
673	P	34	-7127.62	-519.982	21462.6	21462.6	2.80645 verificato
674	P	34	-8007.57	403.599	21421.5	21421.5	2.54679 verificato
675	P	34	-21803	191.783	22170.5	22170.5	1.00799 verificato
676	T	4	-2746.49	1e-006	16142.8	14560.7	5.87762 verificato
677	T	4	-23825.2	1e-006	31950.8	22392.5	1.34105 verificato
678	T	39	24929.7	1e-006	32308.3	22786.6	1.29598 verificato
679	T	34	-11708.5	1e-006	15096.6	14092.7	1.28937 verificato
680	T	14	-20111.5	1e-006	28541.2	21439.8	1.41915 verificato
681	T	9	23061.7	1e-006	28898.8	21834	1.25311 verificato
682	T	34	-20534.9	1e-006	27875	20705.4	1.35744 verificato
683	T	9	22350.3	1e-006	27875	20705.4	1.24718 verificato
684	T	44	-23939.5	1e-006	15532.4	14730.6	0.64882 NON VERIFICATO
685	T	44	-43350.4	1e-006	15852	15073.9	0.365671 NON VERIFICATO
686	T	79	30905.3	1e-006	16308	15564	0.527676 NON VERIFICATO
687	T	44	-46304.9	1e-006	16308	15564	0.352187 NON VERIFICATO
688	T	79	31769.8	1e-006	14661.1	13794.3	0.461479 NON VERIFICATO
689	T	1	-12528.9	1e-006	15096.6	14092.7	1.20494 verificato
690	T	4	-24354.8	1e-006	27607.6	20410.7	1.13356 verificato
691	T	39	26673.1	1e-006	28663.9	21575	1.07464 verificato
692	P	4	-25632.9	2619.81	17987.3	17987.3	0.636659 NON VERIFICATO
693	P	14	-19746.9	13879.1	18259.7	18259.7	0.543024 NON VERIFICATO
694	P	15	-18789.1	14230.8	17180.4	17180.4	0.520306 NON VERIFICATO
695	P	74	6194.55	-20986.4	17774.2	17774.2	0.653919 NON VERIFICATO
696	P	49	-9888.9	20385.9	18487.1	18487.1	0.610644 NON VERIFICATO
697	P	74	8679.71	-20971.7	18246.9	18246.9	0.61538 NON VERIFICATO
698	P	69	-20307.5	14332.7	16973.8	16973.8	0.490004 NON VERIFICATO
699	P	39	28824.3	-2110.02	18233.9	18233.9	0.589439 NON VERIFICATO
700	P	39	25928	-2116.45	17928.5	17928.5	0.639287 NON VERIFICATO
701	P	29	24314.2	-11691.1	17011.3	17011.3	0.472466 NON VERIFICATO
702	P	74	7088.54	-19658.1	17604.7	17604.7	0.658201 NON VERIFICATO
703	P	7	22552.3	-9603.44	18408.1	18408.1	0.572468 NON VERIFICATO

704	P	74	10102.1	-19548.2	18049.5	18049.5	0.608746	NON VERIFICATO
705	P	69	-24795	13870.2	17480	17480	0.452087	NON VERIFICATO
706	P	4	-28187.1	1964.01	19583.1	19583.1	0.649499	NON VERIFICATO
707	P	4	-25373.2	2533.79	19004.9	19004.9	0.681008	NON VERIFICATO
708	P	14	-23793.5	10577.8	18006.3	18006.3	0.523878	NON VERIFICATO
709	P	74	6278.69	-16283.1	16749.3	16749.3	0.742375	NON VERIFICATO
710	P	9	18957.7	-8483.44	17109.4	17109.4	0.623495	NON VERIFICATO
711	P	74	8875.08	-16245.4	16974.2	16974.2	0.675771	NON VERIFICATO
712	P	69	-20994.9	11954.6	15966.4	15966.4	0.484572	NON VERIFICATO
713	P	1	-27113.4	423.174	21885.1	21885.1	0.794764	NON VERIFICATO
714	P	4	-24317.8	519.23	20829.6	20829.6	0.838651	NON VERIFICATO
715	P	5	-23160	431.932	18658.7	18658.7	0.790892	NON VERIFICATO
716	P	39	27129.6	7718.1	22019	22019	0.631864	NON VERIFICATO
717	P	39	24471.7	7895.96	21051.3	21051.3	0.650381	NON VERIFICATO
718	P	40	23073.1	7400.07	20172.8	20172.8	0.661985	NON VERIFICATO
719	P	34	-21619.1	1906.12	17534.1	17534.1	0.745334	NON VERIFICATO
720	P	69	-6393.91	10807.8	22996.8	22996.8	1.33689	verificato
721	P	69	-7201.74	15497.1	26615.2	26615.2	1.17253	verificato
722	P	44	-8455.61	-16210.5	25816.4	25816.4	1.04664	verificato
723	P	44	-7373.52	-11128.7	21821.4	21821.4	1.17939	verificato
724	P	26	13753.1	-235.885	22359.6	22359.6	1.59837	verificato
725	P	39	18216.1	3639.88	26201.2	26201.2	1.19881	verificato
726	P	39	17546	3414.97	25862.8	25862.8	1.23385	verificato
727	P	4	-11800.6	-2492.92	21942.4	21942.4	1.53513	verificato
728	P	44	-2191.64	-37025.9	32883.6	34212.5	0.870412	NON VERIFICATO
729	P	79	312.438	28410.2	28644.7	28644.7	0.997287	NON VERIFICATO
730	P	45	-9182.49	-25861.6	27877.4	27877.4	0.795496	NON VERIFICATO
731	P	79	6279.73	13576.9	19968.1	19968.1	1.00561	verificato
732	P	54	6300.44	-11189.9	20787.3	20787.3	1.1885	verificato
733	P	79	3481.69	27621.6	25307.7	25307.7	0.813668	NON VERIFICATO
734	P	79	5600.44	14285.9	18942	18942	0.952514	NON VERIFICATO
735	P	79	1544.74	20739.9	23813.4	23813.4	1.0686	verificato
736	P	79	4701.65	32990.8	32157.6	32157.6	0.853159	NON VERIFICATO
737	P	44	-7303.87	-19856.8	27942.4	27942.4	1.02878	verificato
738	P	54	9667.82	-9181.19	24980	24980	1.32527	verificato
739	P	54	7711.17	-16470.7	35739.5	35739.5	1.47795	verificato
740	P	79	9459.05	18883.6	36583	36583	1.29074	verificato
741	P	44	-17725.4	-28067	40045.6	41175.2	0.88946	NON VERIFICATO
742	P	9	14994.4	821.738	28306	28306	1.78969	verificato
743	P	9	12942.3	1285.59	29265.8	29265.8	2.05693	verificato
744	P	39	13537.5	59.0659	30029.8	30029.8	2.20863	verificato
745	P	39	16598.4	37.9443	29417.9	29417.9	1.76829	verificato

Minimo fattore di sicurezza: 0.147099 < 1.00

Verifica flessionale

Elem	P/T	Q.ta	R	Cmb	Asc. (cm)	Mdy (kgxcm)	Mdz (kgxcm)	Mr (kgxcm)	Fs	Esito
Errore										
Errore										
3	T			7	527.500000	751817.016799	-81939.079009	874041.748047	1.155729	verificato
4	P			69	35.000000	-23329.479756	-709262.535853	1025680.541992	1.445341	verificato
5	P			53	35.000000	-39235.630251	-1205917.225299	1706970.214844	1.414747	verificato
6	P			14	5.000000	-46246.592142	1565.670951	1199401.855469	>10.0	verificato
7	P			4	5.000000	-240857.979662	62211.207956	1205444.335938	4.845763	verificato
8	P			5	5.000000	-1919499.077895	127293.506886	1326293.945313	0.689444	NON VERIFICATO
9	P			70	13.810380	48760.686336	338672.740117	897607.421875	2.623318	verificato
10	P			80	30.000000	-1698.291689	457306.368848	943530.273438	2.063220	verificato
11	P			30	20.000000	1238307.744812	9775.710890	1114807.128906	0.900239	NON VERIFICATO
12	P			14	5.000000	-45620.776069	3144.828226	953198.242188	>10.0	verificato
13	P			14	5.000000	-223312.476009	9568.188776	979785.156250	4.383486	verificato
14	P			15	5.000000	-1831388.078703	19465.470379	1066467.285156	0.582294	NON VERIFICATO
15	P			60	5.000000	9804.708357	298630.536938	868603.515625	2.907056	verificato
16	P			60	5.000000	109119.837360	530586.853638	933862.304688	1.723975	verificato
17	P			25	20.000000	-1241102.210149	-499500.795341	994287.109375	0.743199	NON VERIFICATO
18	P			58	5.000000	156778.136068	735261.669883	945947.265625	1.258259	verificato

19	P	58	5.000000	112790.319221	964867.228997	979785.156250	1.008593	verificato
20	P	63	5.000000	-594085.187735	-1340560.309026	1015106.201172	0.692290	NON VERIFICATO
21	T	62	280.000000	411856.484951	-7011.976889	559228.515625	1.357627	verificato
22	T	2	392.472453	168741.585442	74058.780103	410583.496094	2.228064	verificato
23	T	25	21.459120	-918135.579850	75285.235954	118731.689453	0.128886	NON VERIFICATO
24	T	17	20.000000	274745.207456	-284240.213377	607568.359375	1.536905	verificato
25	T	57	20.000000	584124.084953	131400.457295	1049850.463867	1.753488	verificato
26	T	7	370.000000	419620.787443	253037.269747	808178.710938	1.649312	verificato
27	T	57	20.000000	544640.407493	169268.204146	777362.060547	1.362986	verificato
28	T	25	392.472453	10333.166778	-196266.407162	405145.263672	2.061407	verificato
29	T	25	21.459120	-831076.861249	5577.322933	118128.621578	0.142136	NON VERIFICATO
30	T	57	410.000000	306306.561903	-246946.224570	566479.492188	1.439760	verificato
31	T	22	370.000000	319014.346409	-417506.417193	578564.453125	1.101116	verificato
32	T	17	410.000000	341012.679987	-519936.289935	665576.171875	1.070419	verificato
33	T	20	150.000000	-44788.131422	130109.762332	183386.230469	1.332722	verificato
34	T	47	280.000000	311065.871228	30905.453226	458319.091797	1.466164	verificato
35	T	18	20.000000	222502.925981	-210413.974773	323571.777344	1.056603	verificato
36	P	8	25.000000	893239.245452	37538.411645	827514.648438	0.925603	NON VERIFICATO
37	P	65	80.000000	-316803.982144	-775721.954102	1003021.240234	1.197038	verificato
38	P	60	77.744969	139611.711737	681273.956863	960449.218750	1.381083	verificato
39	P	64	80.000000	-179432.176503	-698885.786911	1018127.441406	1.411024	verificato
40	P	64	80.000000	34407.048205	-682380.136964	960449.218750	1.405713	verificato
41	P	19	25.000000	880875.328895	91816.894628	942321.777344	1.063992	verificato
42	P	75	245.000000	-68855.586221	-487413.410309	1000755.310059	2.033010	verificato
43	P	16	25.000000	618409.471893	189559.071867	953198.242188	1.473692	verificato
44	P	8	25.000000	499513.962193	375570.015412	960449.218750	1.536833	verificato
45	P	15	35.000000	-1169484.108069	-289138.900772	979785.156250	0.813304	NON VERIFICATO
46	P	34	35.000000	383285.244411	-324117.801870	990661.621094	1.052916	verificato
47	P	27	235.000000	880432.136839	-440102.823784	972534.179688	1.671773	verificato
48	P	30	235.000000	686954.694050	9109.221035	1003021.240234	1.459970	verificato
49	T	62	25.766974	332260.053995	17240.456822	482489.013672	1.450192	verificato
50	T	7	360.000000	-777287.235869	-32739.937968	721166.992188	0.926978	NON VERIFICATO
51	T	57	20.000000	196682.877967	-451338.195352	310278.320313	0.630222	NON VERIFICATO
Errore								
53	T	62	515.006383	17358.994392	175862.364027	501220.703125	2.836290	verificato
54	T	65	21.189620	-125469.586024	55527.419245	82993.164063	0.604873	NON VERIFICATO
55	T	12	20.007958	1616272.659921	103380.148012	2051391.601563	1.266623	verificato
56	T	52	530.268217	1201091.985349	-650226.689461	1193737.030029	0.874019	NON VERIFICATO
57	T	47	20.000000	812035.375028	-295721.523246	1326293.945313	1.534696	verificato
58	T	67	20.000207	801195.656654	737494.119748	779174.804688	0.715529	NON VERIFICATO
59	T	47	20.000000	773607.212937	-530996.901038	1138977.050781	1.213860	verificato
60	T	47	20.000000	697316.554495	590254.078865	994287.109375	1.088327	verificato
61	T	52	515.006383	-47858.955487	-364903.911042	518139.648438	1.407877	verificato
62	T	45	21.189620	-344019.677982	-10425.604200	99428.710938	0.288888	NON VERIFICATO
63	T	70	21.209395	889023.824895	-85974.483123	810595.703125	0.907548	NON VERIFICATO
Errore								
65	T	13	20.000000	14564.873864	336100.479235	547143.554688	1.626390	verificato
66	T	17	525.000000	847430.716232	-52800.543282	791259.765625	0.931909	NON VERIFICATO
67	T	51	377.509880	-374073.002829	157069.311650	410583.496094	1.012010	verificato
68	T	32	782.503797	910360.776668	-37990.613892	878271.484375	0.963912	NON VERIFICATO
69	T	67	20.000706	-526570.926358	-108204.313122	507263.183594	0.943617	NON VERIFICATO
70	T	27	780.000000	683116.179566	-15874.328448	887939.453125	1.299486	verificato
71	T	32	20.000000	530235.827250	-326729.757624	878271.484375	1.410157	verificato
72	T	44	280.000000	524993.770076	141514.151522	516931.152344	0.950709	NON VERIFICATO
73	T	45	20.000000	-533869.819713	-223862.968358	565270.996094	0.976448	NON VERIFICATO
74	T	77	527.500000	338928.887898	232462.980699	1078552.246094	2.624286	verificato
75	P	52	140.000000	527554.649635	-773095.347483	1229614.257813	1.313770	verificato
76	P	53	13.790908	-297931.259989	-709407.034427	1223571.777344	1.590233	verificato
77	P	5	5.000000	-440459.153269	-110602.201743	1317230.224609	2.900536	verificato
78	P	39	20.000000	1492505.527621	68370.226941	1205444.335938	0.806819	NON VERIFICATO
79	P	12	140.000000	-729402.214582	-13713.215192	1277954.101563	1.751747	verificato
80	P	33	13.810380	448322.511501	189254.909084	1163146.972656	2.390199	verificato
81	P	69	5.000000	12074.008217	614467.970942	1199401.855469	1.951559	verificato
82	P	34	20.000000	-1148549.415398	474861.634760	1271911.621094	1.023389	verificato
83	P	67	5.000000	423880.005746	904516.052829	1114807.128906	1.116022	verificato

84	P	69	30.000000	281378.015197	738860.953091	1145774.841309	1.449200	verificato
85	P	68	30.000000	115689.189624	570497.116379	1205444.335938	2.070822	verificato
86	P	39	5.000000	1849025.261466	61478.821023	1302124.023438	0.703833	NON VERIFICATO
87	P	52	245.000000	504204.352165	-628143.492228	945947.265625	1.174400	verificato
88	P	33	245.000000	-581441.236805	110125.852436	1066467.285156	1.802140	verificato
89	P	42	245.000000	-432816.337112	-945268.362365	991870.117188	0.954047	NON VERIFICATO
90	P	42	95.000000	-310489.513461	-731435.741804	936279.296875	1.178291	verificato
91	P	53	115.000000	558522.771895	-716080.069670	1006042.480469	1.107805	verificato
92	T	22	20.000000	950532.998665	41740.437069	1731140.136719	1.819478	verificato
93	T	22	20.000207	608607.726079	-84633.571044	1078552.246094	1.755273	verificato
94	T	78	21.359993	-263853.594011	-58528.008650	415417.480469	1.537063	verificato
95	P	45	75.000000	-99835.677413	-636047.923304	916943.359375	1.424189	verificato
96	P	24	115.000000	-708654.963246	86783.158458	1066467.285156	1.493758	verificato
97	P	58	35.000000	193352.190148	866749.629356	1003021.240234	1.129460	verificato
98	P	58	35.000000	132059.615503	919445.624030	1078552.246094	1.161131	verificato
99	P	69	35.000000	317272.199030	959083.370691	1024547.576904	1.014203	verificato
100	P	48	35.000000	433791.993374	-1395848.859785	1051361.083984	0.719272	NON VERIFICATO
101	P	59	35.000000	36475.715131	-1318480.440453	1061180.114746	0.804543	NON VERIFICATO
102	P	70	35.000000	680301.868531	11520841.717113	2268920.898438	0.196598	NON VERIFICATO
103	P	68	35.000000	-192375.709622	930652.682805	971325.683594	1.022095	verificato
454	P	55	325.000000	1064230.876452	-2400992.552130	846850.585938	0.322452	NON VERIFICATO
455	P	79	340.000000	1199040.593924	2921384.426032	1326293.945313	0.419995	NON VERIFICATO
456	P	76	325.000000	1530611.854853	2116412.023083	1054382.324219	0.403685	NON VERIFICATO
457	P	70	325.000000	276375.663513	9654777.452687	2994018.554688	0.309980	NON VERIFICATO
458	P	80	340.000000	1021877.194229	2626453.151596	1350463.867188	0.479187	NON VERIFICATO
459	P	55	325.000000	975963.962429	-2690768.817963	1302124.023438	0.454923	NON VERIFICATO
460	P	55	325.000000	1309166.170657	-2287701.026085	914526.367188	0.346962	NON VERIFICATO
461	P	10	325.000000	2328993.028177	-306507.618567	1175231.933594	0.500296	NON VERIFICATO
462	P	10	325.000000	2193260.958250	-324438.068759	1392761.230469	0.628183	NON VERIFICATO
463	P	40	355.000000	2426575.104484	71003.171511	1447143.554688	0.596118	NON VERIFICATO
464	P	40	325.000000	2422611.901592	591173.112462	1158615.112305	0.464617	NON VERIFICATO
465	P	5	325.000000	-2399065.492356	-631829.500780	1199401.855469	0.483460	NON VERIFICATO
466	P	5	355.000000	-2552055.275537	120252.909036	1471313.476563	0.575882	NON VERIFICATO
467	P	34	325.000000	-2292284.215383	195372.048911	1422973.632813	0.618524	NON VERIFICATO
468	P	34	325.000000	-2416871.997020	163629.310096	1205444.335938	0.497623	NON VERIFICATO
469	P	20	325.000000	1714613.051616	753944.189230	970268.249512	0.518014	NON VERIFICATO
470	P	10	325.000000	2117799.778167	-43725.367968	1138977.050781	0.537697	NON VERIFICATO
471	P	40	340.000000	1966320.150281	1053330.655364	1145397.186279	0.513475	NON VERIFICATO
472	P	36	325.000000	2340317.265921	622490.533257	1205444.335938	0.497770	NON VERIFICATO
473	P	25	325.000000	-2187669.609595	-310940.445504	1087615.966797	0.492210	NON VERIFICATO
474	P	14	355.000000	-2473958.915766	24618.777604	1229614.257813	0.496998	NON VERIFICATO
475	P	5	325.000000	-2366161.994523	-289582.947695	1247741.699219	0.523422	NON VERIFICATO
476	P	25	325.000000	-2009864.842257	-1247138.212985	945947.265625	0.399917	NON VERIFICATO
477	P	25	340.000000	-2008014.198525	-1237514.938892	1086105.346680	0.460464	NON VERIFICATO
478	P	20	325.000000	2032523.385900	1111971.100114	991870.117188	0.428118	NON VERIFICATO
479	P	5	325.000000	-2458277.052355	-663237.332651	1078552.246094	0.423597	NON VERIFICATO
480	P	5	325.000000	-2254113.411189	-623905.923161	1061935.424805	0.454039	NON VERIFICATO
481	P	40	325.000000	2457048.258296	374661.598001	1109142.303467	0.446254	NON VERIFICATO
482	P	64	325.000000	-435307.255161	-2206582.368013	936279.296875	0.416289	NON VERIFICATO
483	P	64	335.000000	2683.579645	-2266962.070201	1090637.207031	0.481100	NON VERIFICATO
484	P	20	335.000000	2250956.938809	1363592.588931	1015106.201172	0.385713	NON VERIFICATO
485	P	65	325.000000	-1077983.947130	-2078750.036072	875854.492188	0.374036	NON VERIFICATO
486	P	65	325.000000	-463307.099825	-2174342.659369	1049850.463867	0.472234	NON VERIFICATO
487	P	65	335.000000	124920.488163	-2185392.322204	1145397.186279	0.523261	NON VERIFICATO
488	P	65	325.000000	-1554797.553457	-1553830.650099	700622.558594	0.318735	NON VERIFICATO
489	P	19	335.000000	2574122.790819	1153043.406270	960449.218750	0.340516	NON VERIFICATO
490	P	60	335.000000	1596179.112278	1887466.908545	1066467.285156	0.431435	NON VERIFICATO
491	P	65	335.000000	-472417.056107	-2417168.309987	1121604.919434	0.455400	NON VERIFICATO
492	P	60	335.000000	1081340.716573	2348701.162626	1015106.201172	0.392589	NON VERIFICATO
493	P	64	335.000000	28143.507652	-2469552.149201	1102722.167969	0.446498	NON VERIFICATO
494	P	60	325.000000	791854.948671	2323404.928415	991870.117188	0.404080	NON VERIFICATO
495	P	60	325.000000	59736.751963	2267562.947697	1024547.576904	0.451671	NON VERIFICATO
496	P	30	325.000000	1890609.552218	-128861.950557	974951.171875	0.514487	NON VERIFICATO
497	T	18	250.000000	1334828.981868	1.313188e-010	565270.996094	0.423478	NON VERIFICATO
498	T	22	20.000000	1508897.345047	-2.163238e-010	682495.117188	0.452314	NON VERIFICATO

499	T	58	410.000000	1374369.718424	-1.159533e-010	1030212.402344	0.749589	NON VERIFICATO
500	T	63	20.000000	1262361.261730	-3.683530e-010	907275.390625	0.718713	NON VERIFICATO
501	T	58	410.000000	1239451.297593	-1.160636e-010	907275.390625	0.731998	NON VERIFICATO
502	T	63	20.000000	1335986.299073	-3.239710e-011	559228.515625	0.418589	NON VERIFICATO
503	T	18	250.000000	1226508.952648	4.271709e-010	443817.138672	0.361854	NON VERIFICATO
504	T	22	20.000000	1206747.824683	2.016190e-010	536267.089844	0.444390	NON VERIFICATO
505	T	58	410.000000	1830872.460199	9.999855e-011	1039276.123047	0.567640	NON VERIFICATO
506	T	48	370.000000	1537347.382514	1.900240e-010	972534.179688	0.632605	NON VERIFICATO
507	T	58	410.000000	1548093.410820	-3.728555e-010	682495.117188	0.440862	NON VERIFICATO
508	T	48	280.000000	1578119.099986	1.427270e-010	791259.765625	0.501394	NON VERIFICATO
509	T	65	20.000000	1566320.527014	-8.487273e-010	1018127.441406	0.650012	NON VERIFICATO
510	T	62	20.000000	1738447.689486	5.259688e-011	565270.996094	0.325158	NON VERIFICATO
511	T	59	410.000000	1950777.431875	1.838519e-010	1558929.443359	0.799132	NON VERIFICATO
512	T	62	20.000000	1536450.628565	7.853472e-010	1827819.824219	1.189638	verificato
513	T	47	410.000000	1424182.097080	-3.387839e-012	1827819.824219	1.283417	verificato
514	T	62	20.000000	2512166.829980	3.677818e-010	1702438.354492	0.677677	NON VERIFICATO
515	T	48	280.000000	467106.039341	-6.042772e-010	443817.138672	0.950142	NON VERIFICATO
516	T	62	20.000000	871598.644797	-1.594974e-011	762255.859375	0.874549	NON VERIFICATO
517	T	77	380.002414	811370.502832	3.361218e-011	536267.089844	0.660940	NON VERIFICATO
518	T	67	280.000000	740326.656114	5.412165e-010	622674.560547	0.841081	NON VERIFICATO
519	T	52	20.000000	820780.181383	-3.946570e-010	762255.859375	0.928697	NON VERIFICATO
520	T	67	377.509880	1766372.855238	-2.837078e-010	682495.117188	0.386382	NON VERIFICATO
521	T	67	280.000000	932761.300330	-1.968146e-011	443817.138672	0.475810	NON VERIFICATO
522	T	52	40.002082	1342837.578853	-9.889599e-011	762255.859375	0.567646	NON VERIFICATO
523	T	67	277.509798	2172536.754397	-2.869745e-010	443817.138672	0.204285	NON VERIFICATO
524	T	52	20.000286	1862162.797761	6.995310e-011	762255.859375	0.409339	NON VERIFICATO
525	T	8	527.500000	2503213.902033	-2.600624e-012	1267379.760742	0.506301	NON VERIFICATO
526	T	23	20.000000	2138585.814582	-8.342873e-011	2522705.078125	1.179614	verificato
527	T	23	20.000207	2346996.951477	3.175055e-010	1267379.760742	0.540001	NON VERIFICATO
528	T	8	782.503797	2486045.256019	3.876865e-010	1972839.355469	0.793565	NON VERIFICATO
529	T	33	20.000000	2264584.326277	4.233929e-011	2380706.787109	1.051278	verificato
530	T	32	20.000000	2853415.927413	-1.011920e-010	2619384.765625	0.917982	NON VERIFICATO
531	T	7	530.000000	2747157.356847	9.874878e-011	2380706.787109	0.866607	NON VERIFICATO
532	T	17	620.000000	1859525.891225	-1.135551e-010	2619384.765625	1.408630	verificato
533	T	17	540.000000	1928377.990763	3.285393e-011	2378440.856934	1.233389	verificato
534	T	28	250.000000	1695981.851858	-1.486775e-010	3296142.578125	1.943501	verificato
535	T	24	20.000000	3178649.930479	-2.161728e-010	2936614.990234	0.923856	NON VERIFICATO
536	T	14	20.000000	2787345.871114	-2.365367e-010	2099731.445313	0.753309	NON VERIFICATO
537	T	28	777.809377	3175742.881213	-2.570399e-010	1785522.460938	0.562238	NON VERIFICATO
538	T	38	530.268217	3490827.625764	-1.483405e-010	1918645.858765	0.549625	NON VERIFICATO
539	T	13	20.000000	2420239.486229	1.001008e-010	2812744.140625	1.162176	verificato
540	T	28	530.005475	2359436.234640	3.686421e-011	1422973.632813	0.603099	NON VERIFICATO
541	T	28	620.000000	2297125.015956	-5.597977e-011	3731201.171875	1.624292	verificato
542	T	28	540.000000	2441971.533928	2.152899e-010	2234176.635742	0.914907	NON VERIFICATO
543	T	3	20.000000	1767834.459840	9.346884e-010	1271911.621094	0.719474	NON VERIFICATO
544	T	13	20.000000	2568386.579868	3.484702e-011	1266624.450684	0.493160	NON VERIFICATO
545	T	35	250.000000	-3974232.123395	-3.625111e-011	690954.589844	0.173859	NON VERIFICATO
546	T	33	20.000000	3632111.832567	-1.544644e-010	817846.679688	0.225171	NON VERIFICATO
547	T	49	410.000000	4123947.520432	-9.755407e-010	1187316.894531	0.287908	NON VERIFICATO
548	T	74	20.000000	2915236.542153	-1.876240e-010	1368591.308594	0.469461	NON VERIFICATO
549	T	59	410.000000	2824537.905521	-3.754665e-011	1271911.621094	0.450308	NON VERIFICATO
550	T	74	20.000000	4018838.178968	-1.319160e-010	829931.640625	0.206510	NON VERIFICATO
551	T	35	250.000000	-4765444.580322	8.423037e-010	692163.085938	0.145246	NON VERIFICATO
552	T	34	20.000000	4572130.187227	2.430904e-010	820263.671875	0.179405	NON VERIFICATO
553	T	49	410.000000	3691124.659823	4.294878e-010	974951.171875	0.264134	NON VERIFICATO
554	T	74	20.000000	2900203.008173	-2.407697e-010	1126892.089844	0.388556	NON VERIFICATO
555	T	59	410.000000	2814765.163488	8.533768e-012	1049850.463867	0.372980	NON VERIFICATO
556	T	49	280.000000	3057976.343172	2.329632e-010	791259.765625	0.258753	NON VERIFICATO
557	T	75	20.000000	3147225.883537	1.304758e-010	742919.921875	0.236055	NON VERIFICATO
558	T	74	20.000000	3659345.126887	-2.098012e-010	682495.117188	0.186507	NON VERIFICATO
559	T	49	410.000000	3043772.521333	1.493738e-010	820263.671875	0.269489	NON VERIFICATO
560	T	64	20.000000	2447917.481861	-2.846994e-010	1049850.463867	0.428875	NON VERIFICATO
561	T	49	410.000000	2321441.309729	-1.126571e-010	1049850.463867	0.452241	NON VERIFICATO
562	T	59	280.000000	2641096.699039	-3.145816e-010	921928.405762	0.349070	NON VERIFICATO
563	T	75	20.000000	2515319.288842	-2.642851e-010	642010.498047	0.255240	NON VERIFICATO

564	T	74	20.000000	3623655.360290	-2.966850e-012	972534.179688	0.268385	NON VERIFICATO
565	T	79	380.002414	3538292.792047	-8.167125e-011	820263.671875	0.231825	NON VERIFICATO
566	T	77	20.000000	-288101.170561	1.694289e-010	380408.859253	1.320400	verificato
567	T	42	20.000000	3688265.642494	-3.000597e-011	844735.717773	0.229033	NON VERIFICATO
568	T	69	377.509880	4344913.828904	-9.297642e-011	820263.671875	0.188787	NON VERIFICATO
569	T	79	22.500000	-2726619.344736	-4.142874e-011	663159.179688	0.243217	NON VERIFICATO
571	T	45	277.509798	-4365015.408488	9.155454e-011	665576.171875	0.152480	NON VERIFICATO
572	T	54	20.000286	4224456.687538	1.818844e-010	781591.796875	0.185016	NON VERIFICATO
573	T	19	527.500000	3599848.543922	-1.206857e-010	2281194.686890	0.633692	NON VERIFICATO
574	T	19	590.000000	2625011.729612	-1.635325e-010	2939636.230469	1.119856	verificato
575	T	34	20.000207	4953356.734412	-1.321900e-010	1997009.277344	0.403163	NON VERIFICATO
576	T	24	22.500109	3778222.588821	8.209591e-011	3151123.046875	0.834023	NON VERIFICATO
577	T	39	522.500000	3593968.516234	-1.537339e-010	3151123.046875	0.876781	NON VERIFICATO
578	T	4	22.500000	3132328.356792	-1.600440e-010	3380737.304688	1.079305	verificato
579	T	24	20.000000	3730573.315916	1.051005e-011	3380737.304688	0.906225	NON VERIFICATO
580	T	9	620.000000	3754899.296175	-5.366765e-011	3151123.046875	0.839203	NON VERIFICATO
581	T	24	20.000000	3265818.720148	8.850329e-011	2667724.609375	0.816862	NON VERIFICATO
582	T	14	20.000000	3353241.913397	-4.003068e-010	1138977.050781	0.339664	NON VERIFICATO
583	T	23	20.000000	5392253.021735	7.735450e-011	1779479.980469	0.330007	NON VERIFICATO
584	T	4	22.500000	4009670.300745	5.017462e-011	3876220.703125	0.966718	NON VERIFICATO
585	T	39	522.500000	4597364.914809	-6.197917e-011	3634521.484375	0.790566	NON VERIFICATO
586	T	14	22.500000	3244368.576572	-3.675002e-012	3380737.304688	1.042032	verificato
587	T	4	20.000000	3885264.693349	1.246492e-010	3634521.484375	0.935463	NON VERIFICATO
588	T	4	20.000000	3998130.552690	-1.302982e-010	3876220.703125	0.969508	NON VERIFICATO
589	T	39	540.000000	4041279.398032	-1.793082e-011	3380737.304688	0.836551	NON VERIFICATO
590	T	4	20.000000	4032988.894433	-2.673100e-010	2123901.367188	0.526632	NON VERIFICATO
591	T	4	20.000000	5131518.434228	-6.148453e-010	3380737.304688	0.658818	NON VERIFICATO
592	T	14	20.007958	5424397.986704	-3.163074e-011	3537841.796875	0.652209	NON VERIFICATO
593	T	39	530.268217	5199794.512247	5.230414e-011	2703979.492188	0.520017	NON VERIFICATO
594	T	14	20.000000	3084437.240313	-3.336573e-011	2389770.507813	0.774783	NON VERIFICATO
595	T	29	530.005475	3476245.900987	1.135054e-010	1997009.277344	0.574473	NON VERIFICATO
596	T	39	620.000000	4468392.205263	-6.614624e-011	2838424.682617	0.635223	NON VERIFICATO
597	T	39	540.000000	4508409.858803	-4.912320e-011	2703979.492188	0.599763	NON VERIFICATO
598	T	4	20.000000	3356332.211369	4.440832e-011	1543823.242188	0.459973	NON VERIFICATO
599	T	3	20.000000	5642657.489446	6.594685e-010	2383728.027344	0.422448	NON VERIFICATO
660	P	44	60.000000	-1539768.775805	777561.714511	3033294.677734	1.758472	verificato
661	P	44	90.000000	-430744.743720	-4486.284775	3151123.046875	7.315126	verificato
662	P	40	5.000000	-1340854.693143	40717.357812	2909423.828125	2.168828	verificato
663	P	40	5.000000	-3546084.370584	-116048.903029	2909423.828125	0.820022	NON VERIFICATO
664	P	4	60.000000	-1271578.872717	369763.100376	3392822.265625	2.562071	verificato
665	P	39	5.000000	-585567.675886	33278.349800	3326354.980469	5.671413	verificato
666	P	40	5.000000	-1596296.980224	-13721.590156	3326354.980469	2.083718	verificato
667	P	40	5.000000	-4703769.529464	-144880.463518	3392822.265625	0.720957	NON VERIFICATO
668	P	34	60.000000	-1281707.895621	-166251.779940	3441162.109375	2.662521	verificato
669	P	29	5.000000	-601300.994638	-1174.930174	3326354.980469	5.531919	verificato
670	P	10	5.000000	-1542420.385016	11287.318623	3296142.578125	2.136936	verificato
671	P	10	5.000000	-4577939.135329	64276.860772	3392822.265625	0.741051	NON VERIFICATO
672	P	34	60.000000	-1518714.997549	-237122.425766	3054443.359375	1.987128	verificato
673	P	9	5.000000	-370430.884825	-11619.988129	2897338.867188	7.817692	verificato
674	P	10	5.000000	-1236006.223586	-22555.973947	2861083.984375	2.314396	verificato
675	P	10	5.000000	-3338902.181302	58434.905142	2861083.984375	0.856762	NON VERIFICATO
676	T	39	775.000000	666699.300208	1.404365e-011	1350463.867188	2.025597	verificato
677	T	4	22.500000	3312680.486325	-1.018409e-011	3151123.046875	0.951231	NON VERIFICATO
678	T	4	25.000000	5018501.721600	-8.731925e-012	3380737.304688	0.673655	NON VERIFICATO
679	T	29	780.003785	2392311.312747	-2.962735e-012	1302124.023438	0.544295	NON VERIFICATO
680	T	29	520.000000	3533480.541094	2.546528e-011	3574096.679688	1.011495	verificato
681	T	34	25.000000	4747044.541740	-8.995735e-012	3380737.304688	0.712177	NON VERIFICATO
682	T	9	525.000000	3162024.173033	4.834774e-012	2936614.990234	0.928714	NON VERIFICATO
683	T	34	22.500000	4211261.133472	9.517783e-012	2936614.990234	0.697324	NON VERIFICATO
684	T	79	375.009831	3859488.165507	-1.570513e-010	829931.640625	0.215037	NON VERIFICATO
685	T	79	275.000000	4723632.616366	-2.645536e-010	1087615.966797	0.230250	NON VERIFICATO
687	T	79	275.009710	5084018.924317	2.658597e-011	953198.242188	0.187489	NON VERIFICATO
688	T	44	22.500322	4945333.493427	-2.574210e-011	808178.710938	0.163422	NON VERIFICATO
689	T	4	20.007958	2675269.359802	1.762119e-011	1302124.023438	0.486726	NON VERIFICATO
690	T	39	530.268217	4176209.237509	-2.188671e-010	3054443.359375	0.731391	NON VERIFICATO

691	T	4	22.500000	4825793.488832	-4.526098e-017	3090698.242188	0.640454	NON VERIFICATO
692	P	40	5.000000	-4578094.642916	672925.584229	960449.218750	0.207562	NON VERIFICATO
693	P	40	5.000000	-4111840.986117	666785.992785	1072887.420654	0.257562	NON VERIFICATO
694	P	40	5.000000	-3883160.417143	724785.460658	943530.273438	0.238855	NON VERIFICATO
695	P	75	5.000000	-1448647.065994	3817930.968284	1271911.621094	0.311474	NON VERIFICATO
696	P	10	5.000000	-3628210.609682	1794201.306552	1223571.777344	0.302296	NON VERIFICATO
697	P	50	5.000000	2100083.182232	-3778171.013901	1398803.710938	0.323602	NON VERIFICATO
698	P	10	5.000000	-4250949.528581	1568565.656405	979785.156250	0.216235	NON VERIFICATO
699	P	40	5.000000	-4982831.297727	456635.190151	1462249.755859	0.292233	NON VERIFICATO
700	P	40	5.000000	-4479791.366716	457775.486335	1422973.632813	0.315997	NON VERIFICATO
701	P	30	5.000000	-4227772.214000	2148909.480287	1341400.146484	0.282843	NON VERIFICATO
702	P	75	5.000000	-1545652.307804	3461751.727061	1199401.855469	0.316369	NON VERIFICATO
703	P	10	5.000000	-4153925.907585	1732753.425229	1293060.302734	0.287293	NON VERIFICATO
704	P	50	5.000000	2246199.362031	-3419845.286489	1350463.867188	0.330062	NON VERIFICATO
705	P	10	5.000000	-4882077.362981	1535500.355136	1102722.167969	0.215466	NON VERIFICATO
706	P	5	5.000000	4906914.840352	-395402.710268	1374633.789063	0.279237	NON VERIFICATO
707	P	15	5.000000	3805022.941391	-1925526.750377	1205444.335938	0.282670	NON VERIFICATO
708	P	15	5.000000	4167060.388144	-1942186.511567	1223571.777344	0.266142	NON VERIFICATO
709	P	75	5.000000	-1456994.200595	2977494.877557	1205444.335938	0.363648	NON VERIFICATO
710	P	35	5.000000	3737554.036362	-1593562.003248	758630.371094	0.186712	NON VERIFICATO
711	P	70	5.000000	2580798.739103	-2605123.716826	1290416.717529	0.351896	NON VERIFICATO
712	P	25	5.000000	2773159.165642	-165772.712440	416625.976563	0.149967	NON VERIFICATO
713	P	5	5.000000	4793775.459770	-103822.919751	1592163.085938	0.332053	NON VERIFICATO
714	P	5	5.000000	4301845.709373	-115430.829603	1567993.164063	0.364362	NON VERIFICATO
715	P	5	5.000000	4099558.471974	-105706.154467	1519653.320313	0.370564	NON VERIFICATO
716	P	40	5.000000	-4795866.104144	-1525651.705930	1519653.320313	0.301957	NON VERIFICATO
717	P	40	5.000000	-4317950.531469	-1545192.194554	1519653.320313	0.331361	NON VERIFICATO
718	P	40	5.000000	-4096188.440320	-1490725.784100	1471313.476563	0.337533	NON VERIFICATO
719	P	10	5.000000	-3832226.040510	255775.310458	1015106.201172	0.264299	NON VERIFICATO
720	P	69	35.000000	912123.174530	-2176514.264804	1930541.992188	0.818057	NON VERIFICATO
721	P	45	35.000000	329108.575053	3641367.415020	2432067.871094	0.665188	NON VERIFICATO
722	P	45	35.000000	1062753.139689	3570152.408623	2311218.261719	0.620466	NON VERIFICATO
723	P	44	35.000000	1064908.862496	2306509.269384	1919212.341309	0.755454	NON VERIFICATO
724	P	30	35.000000	-1960226.944456	58934.692651	2003051.757813	1.021385	verificato
725	P	40	35.000000	-2648612.273935	-801958.566470	2293090.820313	0.828620	NON VERIFICATO
726	P	40	35.000000	-2556890.281710	-781385.078304	2268920.898438	0.848632	NON VERIFICATO
727	P	40	35.000000	-1686719.094755	-571146.683731	1942721.366882	1.090929	verificato
728	P	70	35.000000	1780871.388469	-6926568.814289	3537841.796875	0.494676	NON VERIFICATO
729	P	80	35.000000	-119856.902684	-4182096.548777	2462280.273438	0.588525	NON VERIFICATO
730	P	45	35.000000	1214685.321181	3917034.020533	2317260.742188	0.565041	NON VERIFICATO
731	P	45	35.000000	634099.514411	1988797.678375	1489440.917969	0.713526	NON VERIFICATO
732	P	54	30.000000	-813947.779094	1870387.470114	1943004.608154	0.952538	NON VERIFICATO
733	P	80	30.000000	-233080.525449	-4126573.839971	2284027.099609	0.552612	NON VERIFICATO
734	P	45	30.000000	145304.482833	2181125.538901	1271911.621094	0.581855	NON VERIFICATO
735	P	45	5.000000	-56962.512253	4242069.681140	1895797.729492	0.446864	NON VERIFICATO
736	P	80	5.000000	-1419028.173975	-6683060.931033	3417039.394379	0.500148	NON VERIFICATO
737	P	80	5.000000	-2117925.183977	-4023846.093897	2764404.296875	0.607937	NON VERIFICATO
738	P	55	5.000000	-1848799.028456	2111200.586567	2571044.921875	0.916174	NON VERIFICATO
739	P	55	5.000000	-1561563.270056	3512805.441924	3586181.640625	0.932868	NON VERIFICATO
740	P	79	5.000000	-1983154.457610	-3902539.742070	3634521.484375	0.830269	NON VERIFICATO
741	P	80	5.000000	-3808378.707822	-9905604.652054	4746337.890625	0.447241	NON VERIFICATO
742	P	9	5.000000	-2856829.678373	114868.500947	3247802.734375	1.135938	verificato
743	P	10	5.000000	-2485500.594303	74187.044318	3199462.890625	1.286678	verificato
744	P	40	5.000000	-2603975.056105	-296140.333005	3187377.929688	1.216203	verificato
745	P	40	5.000000	-3137130.997828	-288423.513519	3225143.432617	1.023737	verificato

Minimo fattore di sicurezza: 0.103541 < 1.00

Sommario delle verifiche

Descrizione	Valore
Numero totale elementi	487
Numero totale elementi strutturali	487
Numero totale elementi duttili	271
Numero totale elementi fragili	216
Numero totale elementi verificati	98

662	NO	Analisi non effettuabile							
663	NO	Analisi non effettuabile							
664	NO		47596.995010	16929.474706	0.802697			0.637632	
665	NO	Analisi non effettuabile							
666	NO	Analisi non effettuabile							
667	NO	Analisi non effettuabile							
668	NO		47748.526283	16353.029362	0.831526			0.598099	
669	NO	Analisi non effettuabile							
670	NO	Analisi non effettuabile							
671	NO	Analisi non effettuabile							
673	NO	Analisi non effettuabile							
674	NO	Analisi non effettuabile							
675	NO	Analisi non effettuabile							
694	NO		21357.761597	1688.593305	0.994767			0.602554	
695	NO		712.495309	2761.471943	0.929918			5.297082	
696	NO		13307.784342	7984.261304	0.954360			1.199037	
697	NO		2304.958690	9380.560052	0.891351			2.784447	
698	NO		11155.832283	14564.710495	0.995273			0.888390	
699	NO		19044.198029	3226.470745	0.908373			0.917385	
701	NO		11002.438298	5512.372697	0.943136			1.624923	
702	NO		1719.025894	4679.663502	0.921421			4.373598	
703	SI	Verifica non necessaria							
704	NO		1062.322674	9935.108940	0.893074			2.514679	
705	NO		8107.819842	14490.411158	0.992477			0.904867	
706	NO		16503.537280	10439.709620	0.924504			1.042464	
708	SI	Verifica non necessaria							
709	NO		2738.046036	5565.840287	0.987677			2.642873	
710	NO		18195.332503	8098.066193	1.000000			0.695564	
711	NO		2409.149624	7401.297715	0.957978			2.495497	
712	NO		16365.559871	11148.558486	1.000000			0.773332	
713	NO		29423.777024	1150.896472	0.805738			0.665300	
716	NO		29656.383727	8297.946744	0.830810			0.623883	
719	NO		23728.280505	13034.269305	0.994595			0.541720	
720	NO		23280.636374	4223.482825	0.808492			0.928161	
723	NO		23928.906352	1270.722296	0.843986			0.813894	
724	NO		23287.442080	4564.774828	0.847248			0.838374	
727	NO		27343.891852	1066.712663	0.856191			0.657655	
728	NO		16582.103689	35988.290641	0.933994			0.635643	
731	NO		27234.432355	6563.383940	1.000000			0.464706	
735	NO		19990.418610	5989.912372	1.000000			0.801272	
737	NO		18538.570081	5167.179368	0.963955			1.021051	
739	NO		26612.287968	8441.066085	0.809689			1.500200	
740	NO		44849.192228	9672.029008	0.779357			0.728876	
741	NO		19130.631084	11393.119536	0.909116			1.226945	
743	NO		42024.166347	7521.123646	0.799168			0.569461	
744	NO		41354.295278	7899.260521	0.788323			0.594495	
745	NO		38415.584830	5368.483265	0.791323			0.655922	

Minimo fattore di sicurezza: 0.262269 < 1.00

Verifica del nodo sovrastante l'elemento **Elemento** sollecitato dalle forze taglianti **Vy, Vz** inclusive dell'azione delle armature longitudinali delle travi. **nu** è la compressione assiale normalizzata, **sy, sz** (non per strutture esistenti) è l'area totale dell'armatura a taglio nel nodo (area staffa / passo * altezza nodo). Il coefficiente di sicurezza è il minore tra quelli relativi a tutte le verifiche.

VERIFICA SISMICA DELLE TAMPONATURE ESISTENTI (§ 7.2.3 & 7.3.6.3 NTC08)

INTRODUZIONE

La seguente relazione è relativa alla verifica dei tamponamenti secondo i paragrafi 7.3.6.3 e 7.2.3 del D.M. 14/01/2008. Secondo le “Norme Tecniche per le Costruzioni”, gli elementi costruttivi senza funzione strutturale devono essere verificati sotto l’azione sismica F_a , al fine di evitare collassi fragili e prematuri e la possibile espulsione in merito allo *Stato Limite di Salvaguardia della Vita (SLV)*.

L’azione sismica corrispondente allo SLV, viene elaborata considerando una probabilità di superamento nel periodo di riferimento pari a 10%, e verrà applicata nel baricentro del tamponamento in direzione ortogonale al piano del telaio in modo da produrre spostamenti e sollecitazioni “fuori piano”. La verifica consisterà nel confronto tra la sollecitazioni resistente con quella di calcolo generata dall’azione sismica. In presenza di più strati resistenti (ad esempio per le tamponature a cassetta) si considera che gli strati siano collegati trasversalmente. Nel caso di un solo strato la connessione non è necessaria.

DESCRIZIONE PANNELLO MURARIO

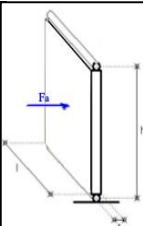
Descrizione sintetica:

Tamponatura con strato esterno a faccia vista

Strato	Descrizione	Spessore [cm]	Peso [Kg/m ³]	Collegato
1	Intonaco	1,5	1400,0	NO
2	Mattone forato	12,5	1800,0	SI
3				

Gli strati considerati “collegati” contribuiscono sia come massa che come resistenza, i rimanenti strati si considerano solo come massa portata dagli strati connessi.

Il pannello di tamponamento presenta le seguenti caratteristiche geometriche e tipologiche:

Lunghezza parete (l)	4,00	m		Coeff.muratura (γ_M)	3,0	
Altezza pannello (h)	3,00	m		Tipo malta	M5	N/mm ²
Quota pannello (Z)	3,00	m		Resistenza blocco (f_{bk})	12,0	N/mm ²
Altezza edificio (H_{TOT})	12,00	m		Modulo elastico (E_m)	5200,0	N/mm ²
Spessore totale (s)	0,14	m		Resistenza di calcolo (f_d)	1,73	N/mm ²
Modulo d'Inerzia (I)	9,15E-04	m ⁴		Peso totale parete (W)	246,0	Kg/m ²

DATI SISMICI

Al fine di calcolare l’azione sismica *SLV* verranno utilizzati i seguenti parametri:

Tipologia costruttiva: Costruzione mista

Ag/g	0,321	g	Accelerazione massima orizzontale al sito rapportata a g
F_0	0,240	adim	Fattore di amplificazione dello spettro in acc. orizzontale
Suolo	C		Categoria del sottosuolo di fondazione (Par. 3.2.2)
Cat. topog	T1		Categoria topografica del sito (Par. 3.2.2)

T_1	0,322	s	Primo periodo di vibrazione della struttura nella direzione considerata
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dove: $T_1 = C_1 H^{3/4}$

con $C_1 = 0,05$ per costruzioni miste

eq. 1

CALCOLO AZIONE SISMICA

Per ogni pannello di tamponamento l'azione sismica fuori piano è stata calcolata considerando le indicazioni del paragrafo 7.2.3. del D.M. 14/01/2008. La forza sismica è data dalla seguente espressione:

$$F_a = (S_a W_a) / q_a \quad \text{eq. 2}$$

dove:

S_a	0,96	adim	Amplificazione relativa alla parete
W_a	2952,0	Kg	Peso della tamponatura
q_a	2,00	adim	Fattore di struttura per pannelli di tamponatura
S_s	1,50	adim	Coef. che tiene conto della categoria del sottosuolo
S_t	1,00	adim	Coef. che tiene conto della categoria topografica
T_a	0,094	s	Primo periodo di vibrazione dell'elemento

Categoria sottosuolo	S_s
A	1,00
B	$1,00 \leq 1,40 - 0,40 F Ag/g \leq 1,20$
C	$1,00 \leq 1,70 - 0,60 F Ag/g \leq 1,50$
D	$0,90 \leq 2,40 - 1,50 F Ag/g \leq 1,80$
E	$1,00 \leq 2,00 - 1,10 F Ag/g \leq 1,60$

Categoria topografica	S_t
T1	1,00
T2	1,20
T3	1,20
T4	1,40

dove:

$$S_a = a_g S_s S_T \cdot \left[\frac{3 \cdot (1 + Z/H)}{1 + (1 - T_a/T_1)^2} - 0,5 \right] \quad \text{eq. 3}$$

Il § 7.8.1.5.2 delle NTC 08 precisa che se qualora siano rispettati opportuni limiti di spessore e snellezza si può assumere $T_a = 0$. Altrimenti è possibile utilizzare modelli semplificati. Il pannello può essere considerato come un elemento prismatico o elemento lastra incernierato in testa e al piede o come lastra incernierata su tutto il contorno.

Tipologie costruttive	t_{\min} [mm]	$(\lambda=h_0/t)_{\max}$	$(l/h')_{\min}$
Muratura ordinaria, realizzata con elementi in pietra squadrata	300	10	0,5
Muratura ordinaria, realizzata con elementi artificiali	240	12	0,4
Muratura armata, realizzata con elementi artificiali	240	15	0,0
Muratura ordinaria, con elementi in pietra squadrata, in siti in zona 3- 4	240	12	0,3
Muratura realizzata con elementi artificiali semipieni, in siti in zona 4	200	20	0,3
Muratura realizzata con elementi artificiali pieni, in siti in zona 4	150	20	0,3

h' : altezza massima delle aperture adiacenti alla parete

Tipologia prescelta: **Muratura ordinaria, realizzata con elementi artificiali**

Si può far riferimento a un modello dinamico semplificato, ad un grado di libertà, costituito dallo schema di trave appoggiata con una massa m concentrata in mezzera.

Qualora siano rispettati i limiti della tabella 7.8.II delle NTC08 si può assumere $T_a = 0$

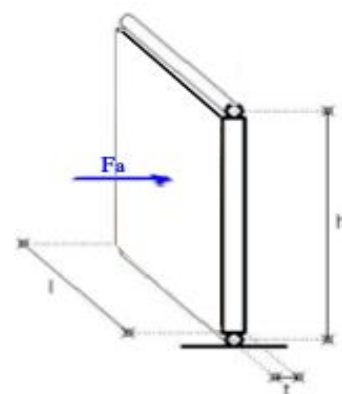
Verifica parametri:	t_{\min} [mm]	$(\lambda=h_0/t)_{\max}$	$(l/h')_{\min}$
DA NORMATIVA:	240	12	0,4
DA PROGETTO:	140	21,43	1,90
	NO	NO	OK

$$T_a = 2\pi \sqrt{\frac{m}{k}} = 0,094 \text{ s} \quad \text{Primo periodo di vibrazione}$$

$$k = \frac{384}{5} \cdot \frac{E I}{h^3} = 13528,9 \text{ kN/m} \quad \text{Rigidità della parete}$$

$$F_a = (S_a W_a) / q_a = 14,18 \text{ kN} \quad \text{Azione sismica fuori piano}$$

$$M_{Ed} = F_a \cdot h / 4 = 10,63 \text{ kNm} \quad \text{Sollecitazione a flessione}$$



VERIFICA PANNELLI RIGIDAMENTE CONNESSI

I pannelli rigidamente connessi, ovvero che interferiscono con la deformabilità della struttura, vengono verificati, utilizzando l'azione sismica "fuori piano", ipotizzando lo schema "dell'articolazione", tenendo conto del meccanismo resistente ad arco, in base al quale sotto l'azione "fuori piano" si formano delle cerniere agli estremi del pannello e in mezzzeria. Pertanto verrà verificata a presso flessione la sezione più sollecitata, confrontando il momento resistente (abbinato allo sforzo normale agente) con il momento "fuori piano" generato dall'azione sismica equivalente.

La verifica ha esito positivo se:

$$M_{Ed} \leq M_{Rd} \quad \text{eq. 4}$$

Il momento ultimo del pannello, tenendo conto che il materiale di riferimento è la muratura di mattoni forati con percentuale di foratura < 45%, può essere calcolato con la formula 7.8.2 NTC e vale:

$$M_{Rd} = (1 t^2 \sigma_0 / 2) (1 - \sigma_0 / 0,85 f_d) \quad \text{eq. 5}$$

dove:

t	0,13	m	spes. della sezione da verificare considerando gli strati resistenti;
l _c	4,00	m	lunghezza della sezione da verificare;
σ ₀	0,030	N/mm ²	tensione media agente sulla sezione mediana calcolata come N/(l t);
f _d	1,73	N/mm ²	resistenza unitaria della muratura;

M _{Ed}	10,63	kNm	
M _{Rd}	0,90	kNm	
M _{Ed} /M _{Rd}	⊗ 11,76	> 1	NON VERIFICATA

Poiché la verifica non è soddisfatta si prevede l'inserimento di leggere reti da intonaco sui due lati della muratura, collegate tra loro ed alle strutture circostanti a distanza non superiore a 500 mm sia in direzione orizzontale che verticale.

VERIFICA IN TERMINI DI CONTENIMENTO DEL DANNO

Si deve verificare che l'azione sismica di progetto non produca agli elementi costruttivi senza funzione strutturale danni da rendere la costruzione temporaneamente inagibile.

Per tamponamenti collegati rigidamente alla struttura si ritiene soddisfatta se **: d_r < 0,005h** **eq. 6**

Lo spostamento d_r è calcolato come il rapporto tra la rigidezza e la forza agente in mezzzeria per lo stato limite SLD:

$$d_r = F_{a,SLD} / k \quad \text{eq. 7}$$

CALCOLO AZIONE SISMICA SLD

Al fine di calcolare l'azione sismica allo stato limite di danno SLD verranno utilizzati i seguenti parametri:

A _{g/g} SLD	0,138	g	Accelerazione massima orizzontale al sito rapportata a g
F ₀ SLD	2,287	adim	Fattore di amplificazione dello spettro in acc. orizzontale
S _s SLD	1,50	adim	Coef. che tiene conto della categoria del sottosuolo
S _t SLD	1,00	adim	Coef. che tiene conto della categoria topografica
S _a SLD	0,41	adim	Amplificazione relativa alla parete
F _a SLD	6,09	kN	Azione sismica fuori piano

d _r	0,45	mm	spostamento massimo in mezzzeria
d _{max}	15,0	mm	eccentricità accidentale d _r pari a 0,05h

Poiché: d_r < d_{max} la verifica è soddisfatta.