Provincia di Chieti
Settore Lavori Pubblici

PROGETTO ESECUTIVO

LAVORI DI SISTEMAZIONE STRADA PROVINCIALE S.S. 650
FONDO VALLE TRIGNO SCHIAVI D'ABRUZZO

III° Lotto Funzionale

RECUPERO STATICO PONTE AL KM 1+296
ELABORATI DI CALCOLO

STUDIOMONTEPARA
INGEGNERIA CIVILE

SEDE LEGALE
Via V. Simeoni n° 12
66036 Orsogna (CH)
Tel. 0871/869652
E-mail:
Info@studiomontepara.it

SEDE OPERATIVA
Via Farini n° 80
43100 Parma
Tel. e Fax 0521/905904

Il Progettista
Prof. Ing. Antonio Montepara

Ord. Ing. Antonio Montepara – Collegio Ingegneri Prov. Chieti – N. 653 – Orsogna

Responsabile Unico del Procedimento

ALLEGATO
9.2

DATA : 25/06/2010

Questo elaborato non puo' essere riprodotto ne' integralmente, ne' in parte per scopi diversi da quelli per cui e' stato fornito.

127	E	A	I	A	09.02	R0

Revisione	Data	Descrizione	Redatto	Controllato	Approvato
REV0					
REV1					
REV2					

Provincia di Chieti

PROVINCIA DI CHIETI

SETTORE LAVORI PUBBLICI

Lavori di Sistemazione Strada provinciale

“S.S. 650 Fondo Valle Trigno - Schiavi di Abruzzo”

ELABORATI DI CALCOLO

RECUPERO STATICO PONTE AL KM 1+296

- Dati relativi ai nodi della struttura

- Convenzioni adottate

La terna di riferimento generale è destrorsa.
I nodi vengono numerati, con riferimento a una sezione orizzontale, da sinistra a destra, dal basso verso l'alto e per quote crescenti.
Lrsquoimpalcato di appartenenza di un nodo è definito, in generale, dalla prima delle tre cifre che ne definiscono il numero, possono tuttavia presentarsi casi in cui si hanno più di 100 nodi per solaio nel qual caso il solaio di appartenenza è specificato dall'ultimo valore stampato nella riga dei dati relativi al nodo.
La maschera dei vincoli è costituita dai valori 0 e 1. Il valore 1 indica che per il nodo in riferimento il grado di libertà correlativo è soppresso mentre il valore 0 indica che è libero.
Nel caso di edifici civili multipiano l'asse *z* generale coincide con l'asse verticale rivolto verso l'alto.

- Nodi

Nodo	x [m]	y [m]	z [m]	Ux	Uy	Uz	Rx	Ry	Rz	Solaio
1	6.00	0.00	0.00	1	1	0	0	0	1	0
2	7.50	0.00	0.00	1	1	0	0	0	1	0
3	9.00	0.00	0.00	1	1	0	0	0	1	0
4	10.50	0.00	0.00	1	1	0	0	0	1	0
5	11.00	0.00	0.00	1	1	0	0	0	1	0
6	13.00	0.00	0.00	1	1	0	0	0	1	0
7	13.50	0.00	0.00	1	1	0	0	0	1	0
8	15.00	0.00	0.00	1	1	0	0	0	1	0
9	16.50	0.00	0.00	1	1	0	0	0	1	0
10	18.00	0.00	0.00	1	1	0	0	0	1	0
11	6.00	8.40	0.00	1	1	0	0	0	1	0
12	7.50	8.40	0.00	1	1	0	0	0	1	0
13	9.00	8.40	0.00	1	1	0	0	0	1	0
14	10.50	8.40	0.00	1	1	0	0	0	1	0
15	11.00	8.40	0.00	1	1	0	0	0	1	0
16	13.00	8.40	0.00	1	1	0	0	0	1	0
17	13.50	8.40	0.00	1	1	0	0	0	1	0
18	15.00	8.40	0.00	1	1	0	0	0	1	0
19	16.50	8.40	0.00	1	1	0	0	0	1	0
20	18.00	8.40	0.00	1	1	0	0	0	1	0
21	6.75	0.00	0.00	1	1	0	0	0	1	0
22	8.25	0.00	0.00	1	1	0	0	0	1	0
23	9.75	0.00	0.00	1	1	0	0	0	1	0
24	10.75	0.00	0.00	1	1	0	0	0	1	0
25	13.25	0.00	0.00	1	1	0	0	0	1	0
26	14.25	0.00	0.00	1	1	0	0	0	1	0
27	15.75	0.00	0.00	1	1	0	0	0	1	0
28	17.25	0.00	0.00	1	1	0	0	0	1	0
29	6.75	8.40	0.00	1	1	0	0	0	1	0
30	8.25	8.40	0.00	1	1	0	0	0	1	0
31	9.75	8.40	0.00	1	1	0	0	0	1	0
32	10.75	8.40	0.00	1	1	0	0	0	1	0
33	13.25	8.40	0.00	1	1	0	0	0	1	0
34	14.25	8.40	0.00	1	1	0	0	0	1	0
35	15.75	8.40	0.00	1	1	0	0	0	1	0
36	17.25	8.40	0.00	1	1	0	0	0	1	0
37	0.00	0.00	2.50	1	1	0	0	0	1	0
38	1.50	0.00	2.50	1	1	0	0	0	1	0
39	3.00	0.00	2.50	1	1	0	0	0	1	0
40	4.50	0.00	2.50	1	1	0	0	0	1	0
41	6.00	0.00	2.50	1	1	0	0	0	1	0
42	7.50	0.00	2.50	0	0	0	0	0	0	0
43	9.00	0.00	2.50	0	0	0	0	0	0	0
44	10.50	0.00	2.50	0	0	0	0	0	0	0

45	11.00	0.00	2.50	0	0	0	0	0	0	0
46	13.00	0.00	2.50	0	0	0	0	0	0	0
47	13.50	0.00	2.50	0	0	0	0	0	0	0
48	15.00	0.00	2.50	0	0	0	0	0	0	0
49	16.50	0.00	2.50	0	0	0	0	0	0	0
50	18.00	0.00	2.50	1	1	0	0	0	1	0
51	19.50	0.00	2.50	1	1	0	0	0	1	0
52	21.00	0.00	2.50	1	1	0	0	0	1	0
53	22.50	0.00	2.50	1	1	0	0	0	1	0
54	24.00	0.00	2.50	1	1	0	0	0	1	0
55	0.00	8.40	2.50	1	1	0	0	0	1	0
56	1.50	8.40	2.50	1	1	0	0	0	1	0
57	3.00	8.40	2.50	1	1	0	0	0	1	0
58	4.50	8.40	2.50	1	1	0	0	0	1	0
59	6.00	8.40	2.50	1	1	0	0	0	1	0
60	7.50	8.40	2.50	0	0	0	0	0	0	0
61	9.00	8.40	2.50	0	0	0	0	0	0	0
62	10.50	8.40	2.50	0	0	0	0	0	0	0
63	11.00	8.40	2.50	0	0	0	0	0	0	0
64	13.00	8.40	2.50	0	0	0	0	0	0	0
65	13.50	8.40	2.50	0	0	0	0	0	0	0
66	15.00	8.40	2.50	0	0	0	0	0	0	0
67	16.50	8.40	2.50	0	0	0	0	0	0	0
68	18.00	8.40	2.50	1	1	0	0	0	1	0
69	19.50	8.40	2.50	1	1	0	0	0	1	0
70	21.00	8.40	2.50	1	1	0	0	0	1	0
71	22.50	8.40	2.50	1	1	0	0	0	1	0
72	24.00	8.40	2.50	1	1	0	0	0	1	0
73	0.75	0.00	2.50	1	1	0	0	0	1	0
74	2.25	0.00	2.50	1	1	0	0	0	1	0
75	3.75	0.00	2.50	1	1	0	0	0	1	0
76	5.25	0.00	2.50	1	1	0	0	0	1	0
77	6.75	0.00	2.50	0	0	0	0	0	0	0
78	8.25	0.00	2.50	0	0	0	0	0	0	0
79	9.75	0.00	2.50	0	0	0	0	0	0	0
80	10.75	0.00	2.50	0	0	0	0	0	0	0
81	13.25	0.00	2.50	0	0	0	0	0	0	0
82	14.25	0.00	2.50	0	0	0	0	0	0	0
83	15.75	0.00	2.50	0	0	0	0	0	0	0
84	17.25	0.00	2.50	0	0	0	0	0	0	0
85	18.75	0.00	2.50	1	1	0	0	0	1	0
86	20.25	0.00	2.50	1	1	0	0	0	1	0
87	21.75	0.00	2.50	1	1	0	0	0	1	0
88	23.25	0.00	2.50	1	1	0	0	0	1	0
89	0.75	8.40	2.50	1	1	0	0	0	1	0
90	2.25	8.40	2.50	1	1	0	0	0	1	0
91	3.75	8.40	2.50	1	1	0	0	0	1	0
92	5.25	8.40	2.50	1	1	0	0	0	1	0
93	6.75	8.40	2.50	0	0	0	0	0	0	0
94	8.25	8.40	2.50	0	0	0	0	0	0	0
95	9.75	8.40	2.50	0	0	0	0	0	0	0
96	10.75	8.40	2.50	0	0	0	0	0	0	0
97	13.25	8.40	2.50	0	0	0	0	0	0	0
98	14.25	8.40	2.50	0	0	0	0	0	0	0
99	15.75	8.40	2.50	0	0	0	0	0	0	0
100	17.25	8.40	2.50	0	0	0	0	0	0	0
101	18.75	8.40	2.50	1	1	0	0	0	1	0
102	20.25	8.40	2.50	1	1	0	0	0	1	0
103	21.75	8.40	2.50	1	1	0	0	0	1	0
104	23.25	8.40	2.50	1	1	0	0	0	1	0
105	0.00	0.00	4.00	0	0	0	0	0	0	0
106	0.75	0.00	4.00	0	0	0	0	0	0	0
107	1.50	0.00	4.00	0	0	0	0	0	0	0
108	2.25	0.00	4.00	0	0	0	0	0	0	0
109	3.00	0.00	4.00	0	0	0	0	0	0	0
110	3.75	0.00	4.00	0	0	0	0	0	0	0
111	4.50	0.00	4.00	0	0	0	0	0	0	0
112	5.25	0.00	4.00	0	0	0	0	0	0	0
113	6.00	0.00	4.00	0	0	0	0	0	0	0
114	6.75	0.00	4.00	0	0	0	0	0	0	0
115	7.50	0.00	4.00	0	0	0	0	0	0	0
116	8.25	0.00	4.00	0	0	0	0	0	0	0
117	9.00	0.00	4.00	0	0	0	0	0	0	0
118	9.75	0.00	4.00	0	0	0	0	0	0	0

119	10.50	0.00	4.00	0	0	0	0	0	0	0
120	10.75	0.00	4.00	0	0	0	0	0	0	0
121	11.00	0.00	4.00	0	0	0	0	0	0	0
122	11.50	0.00	4.00	0	0	0	0	0	0	0
123	12.00	0.00	4.00	0	0	0	0	0	0	0
124	12.50	0.00	4.00	0	0	0	0	0	0	0
125	13.00	0.00	4.00	0	0	0	0	0	0	0
126	13.25	0.00	4.00	0	0	0	0	0	0	0
127	13.50	0.00	4.00	0	0	0	0	0	0	0
128	14.25	0.00	4.00	0	0	0	0	0	0	0
129	15.00	0.00	4.00	0	0	0	0	0	0	0
130	15.75	0.00	4.00	0	0	0	0	0	0	0
131	16.50	0.00	4.00	0	0	0	0	0	0	0
132	17.25	0.00	4.00	0	0	0	0	0	0	0
133	18.00	0.00	4.00	0	0	0	0	0	0	0
134	18.75	0.00	4.00	0	0	0	0	0	0	0
135	19.50	0.00	4.00	0	0	0	0	0	0	0
136	20.25	0.00	4.00	0	0	0	0	0	0	0
137	21.00	0.00	4.00	0	0	0	0	0	0	0
138	21.75	0.00	4.00	0	0	0	0	0	0	0
139	22.50	0.00	4.00	0	0	0	0	0	0	0
140	23.25	0.00	4.00	0	0	0	0	0	0	0
141	24.00	0.00	4.00	0	0	0	0	0	0	0
142	0.00	8.40	4.00	0	0	0	0	0	0	0
143	0.75	8.40	4.00	0	0	0	0	0	0	0
144	1.50	8.40	4.00	0	0	0	0	0	0	0
145	2.25	8.40	4.00	0	0	0	0	0	0	0
146	3.00	8.40	4.00	0	0	0	0	0	0	0
147	3.75	8.40	4.00	0	0	0	0	0	0	0
148	4.50	8.40	4.00	0	0	0	0	0	0	0
149	5.25	8.40	4.00	0	0	0	0	0	0	0
150	6.00	8.40	4.00	0	0	0	0	0	0	0
151	6.75	8.40	4.00	0	0	0	0	0	0	0
152	7.50	8.40	4.00	0	0	0	0	0	0	0
153	8.25	8.40	4.00	0	0	0	0	0	0	0
154	9.00	8.40	4.00	0	0	0	0	0	0	0
155	9.75	8.40	4.00	0	0	0	0	0	0	0
156	10.50	8.40	4.00	0	0	0	0	0	0	0
157	10.75	8.40	4.00	0	0	0	0	0	0	0
158	11.00	8.40	4.00	0	0	0	0	0	0	0
159	11.50	8.40	4.00	0	0	0	0	0	0	0
160	12.00	8.40	4.00	0	0	0	0	0	0	0
161	12.50	8.40	4.00	0	0	0	0	0	0	0
162	13.00	8.40	4.00	0	0	0	0	0	0	0
163	13.25	8.40	4.00	0	0	0	0	0	0	0
164	13.50	8.40	4.00	0	0	0	0	0	0	0
165	14.25	8.40	4.00	0	0	0	0	0	0	0
166	15.00	8.40	4.00	0	0	0	0	0	0	0
167	15.75	8.40	4.00	0	0	0	0	0	0	0
168	16.50	8.40	4.00	0	0	0	0	0	0	0
169	17.25	8.40	4.00	0	0	0	0	0	0	0
170	18.00	8.40	4.00	0	0	0	0	0	0	0
171	18.75	8.40	4.00	0	0	0	0	0	0	0
172	19.50	8.40	4.00	0	0	0	0	0	0	0
173	20.25	8.40	4.00	0	0	0	0	0	0	0
174	21.00	8.40	4.00	0	0	0	0	0	0	0
175	21.75	8.40	4.00	0	0	0	0	0	0	0
176	22.50	8.40	4.00	0	0	0	0	0	0	0
177	23.25	8.40	4.00	0	0	0	0	0	0	0
178	24.00	8.40	4.00	0	0	0	0	0	0	0
179	7.50	7.00	5.80	0	0	1	0	0	0	0
180	0.00	0.00	5.80	0	0	0	0	0	0	0
181	0.75	0.00	5.80	0	0	0	0	0	0	0
182	1.50	0.00	5.80	0	0	0	0	0	0	0
183	2.25	0.00	5.80	0	0	0	0	0	0	0
184	3.00	0.00	5.80	0	0	0	0	0	0	0
185	3.75	0.00	5.80	0	0	0	0	0	0	0
186	4.50	0.00	5.80	0	0	0	0	0	0	0
187	5.25	0.00	5.80	0	0	0	0	0	0	0
188	6.00	0.00	5.80	0	0	0	0	0	0	0
189	6.75	0.00	5.80	0	0	0	0	0	0	0
190	7.50	0.00	5.80	0	0	0	0	0	0	0
191	8.25	0.00	5.80	0	0	0	0	0	0	0
192	9.00	0.00	5.80	0	0	0	0	0	0	0

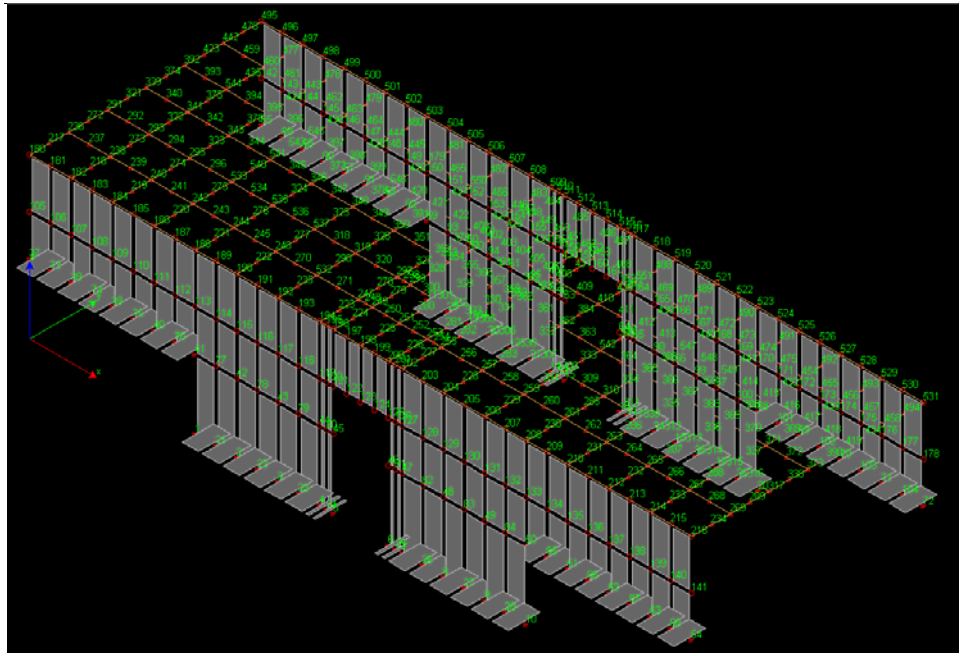
193	9.75	0.00	5.80	0	0	0	0	0	0	0
194	10.50	0.00	5.80	0	0	0	0	0	0	0
195	10.75	0.00	5.80	0	0	0	0	0	0	0
196	11.00	0.00	5.80	0	0	0	0	0	0	0
197	11.50	0.00	5.80	0	0	0	0	0	0	0
198	12.00	0.00	5.80	0	0	0	0	0	0	0
199	12.50	0.00	5.80	0	0	0	0	0	0	0
200	13.00	0.00	5.80	0	0	0	0	0	0	0
201	13.25	0.00	5.80	0	0	0	0	0	0	0
202	13.50	0.00	5.80	0	0	0	0	0	0	0
203	14.25	0.00	5.80	0	0	0	0	0	0	0
204	15.00	0.00	5.80	0	0	0	0	0	0	0
205	15.75	0.00	5.80	0	0	0	0	0	0	0
206	16.50	0.00	5.80	0	0	0	0	0	0	0
207	17.25	0.00	5.80	0	0	0	0	0	0	0
208	18.00	0.00	5.80	0	0	0	0	0	0	0
209	18.75	0.00	5.80	0	0	0	0	0	0	0
210	19.50	0.00	5.80	0	0	0	0	0	0	0
211	20.25	0.00	5.80	0	0	0	0	0	0	0
212	21.00	0.00	5.80	0	0	0	0	0	0	0
213	21.75	0.00	5.80	0	0	0	0	0	0	0
214	22.50	0.00	5.80	0	0	0	0	0	0	0
215	23.25	0.00	5.80	0	0	0	0	0	0	0
216	24.00	0.00	5.80	0	0	0	0	0	0	0
217	0.00	0.70	5.80	0	0	1	0	0	0	0
218	1.50	0.70	5.80	0	0	1	0	0	0	0
219	3.00	0.70	5.80	0	0	1	0	0	0	0
220	4.50	0.70	5.80	0	0	1	0	0	0	0
221	6.00	0.70	5.80	0	0	1	0	0	0	0
222	7.50	0.70	5.80	0	0	1	0	0	0	0
223	10.50	0.70	5.80	0	0	1	0	0	0	0
224	11.00	0.70	5.80	0	0	1	0	0	0	0
225	12.00	0.70	5.80	0	0	1	0	0	0	0
226	13.00	0.70	5.80	0	0	1	0	0	0	0
227	13.50	0.70	5.80	0	0	1	0	0	0	0
228	15.00	0.70	5.80	0	0	1	0	0	0	0
229	16.50	0.70	5.80	0	0	1	0	0	0	0
230	18.00	0.70	5.80	0	0	1	0	0	0	0
231	19.50	0.70	5.80	0	0	1	0	0	0	0
232	21.00	0.70	5.80	0	0	1	0	0	0	0
233	22.50	0.70	5.80	0	0	1	0	0	0	0
234	24.00	0.70	5.80	0	0	1	0	0	0	0
235	9.00	0.70	5.80	0	0	1	0	0	0	0
236	0.00	1.40	5.80	0	0	1	0	0	0	0
237	0.75	1.40	5.80	0	0	1	0	0	0	0
238	1.50	1.40	5.80	0	0	1	0	0	0	0
239	2.25	1.40	5.80	0	0	1	0	0	0	0
240	3.00	1.40	5.80	0	0	1	0	0	0	0
241	3.75	1.40	5.80	0	0	1	0	0	0	0
242	4.50	1.40	5.80	0	0	1	0	0	0	0
243	5.25	1.40	5.80	0	0	1	0	0	0	0
244	6.00	1.40	5.80	0	0	1	0	0	0	0
245	6.75	1.40	5.80	0	0	1	0	0	0	0
246	7.50	1.40	5.80	0	0	1	0	0	0	0
247	10.50	1.40	5.80	0	0	1	0	0	0	0
248	10.75	1.40	5.80	0	0	1	0	0	0	0
249	11.00	1.40	5.80	0	0	1	0	0	0	0
250	11.50	1.40	5.80	0	0	1	0	0	0	0
251	12.00	1.40	5.80	0	0	1	0	0	0	0
252	12.50	1.40	5.80	0	0	1	0	0	0	0
253	13.00	1.40	5.80	0	0	1	0	0	0	0
254	13.25	1.40	5.80	0	0	1	0	0	0	0
255	13.50	1.40	5.80	0	0	1	0	0	0	0
256	14.25	1.40	5.80	0	0	1	0	0	0	0
257	15.00	1.40	5.80	0	0	1	0	0	0	0
258	15.75	1.40	5.80	0	0	1	0	0	0	0
259	16.50	1.40	5.80	0	0	1	0	0	0	0
260	17.25	1.40	5.80	0	0	1	0	0	0	0
261	18.00	1.40	5.80	0	0	1	0	0	0	0
262	18.75	1.40	5.80	0	0	1	0	0	0	0
263	19.50	1.40	5.80	0	0	1	0	0	0	0
264	20.25	1.40	5.80	0	0	1	0	0	0	0
265	21.00	1.40	5.80	0	0	1	0	0	0	0
266	21.75	1.40	5.80	0	0	1	0	0	0	0

267	22.50	1.40	5.80	0	0	1	0	0	0	0
268	23.25	1.40	5.80	0	0	1	0	0	0	0
269	24.00	1.40	5.80	0	0	1	0	0	0	0
270	8.25	1.40	5.80	0	0	1	0	0	0	0
271	9.75	1.40	5.80	0	0	1	0	0	0	0
272	0.00	2.10	5.80	0	0	1	0	0	0	0
273	1.50	2.10	5.80	0	0	1	0	0	0	0
274	3.00	2.10	5.80	0	0	1	0	0	0	0
275	4.50	2.10	5.80	0	0	1	0	0	0	0
276	6.00	2.10	5.80	0	0	1	0	0	0	0
277	7.50	2.10	5.80	0	0	1	0	0	0	0
278	10.50	2.10	5.80	0	0	1	0	0	0	0
279	11.00	2.10	5.80	0	0	1	0	0	0	0
280	12.00	2.10	5.80	0	0	1	0	0	0	0
281	13.00	2.10	5.80	0	0	1	0	0	0	0
282	13.50	2.10	5.80	0	0	1	0	0	0	0
283	15.00	2.10	5.80	0	0	1	0	0	0	0
284	16.50	2.10	5.80	0	0	1	0	0	0	0
285	18.00	2.10	5.80	0	0	1	0	0	0	0
286	19.50	2.10	5.80	0	0	1	0	0	0	0
287	21.00	2.10	5.80	0	0	1	0	0	0	0
288	22.50	2.10	5.80	0	0	1	0	0	0	0
289	24.00	2.10	5.80	0	0	1	0	0	0	0
290	9.00	2.10	5.80	0	0	1	0	0	0	0
291	0.00	2.80	5.80	0	0	1	0	0	0	0
292	0.75	2.80	5.80	0	0	1	0	0	0	0
293	1.50	2.80	5.80	0	0	1	0	0	0	0
294	2.25	2.80	5.80	0	0	1	0	0	0	0
295	3.00	2.80	5.80	0	0	1	0	0	0	0
296	3.75	2.80	5.80	0	0	1	0	0	0	0
297	10.50	2.80	5.80	0	0	1	0	0	0	0
298	10.75	2.80	5.80	0	0	1	0	0	0	0
299	11.00	2.80	5.80	0	0	1	0	0	0	0
300	11.50	2.80	5.80	0	0	1	0	0	0	0
301	12.00	2.80	5.80	0	0	1	0	0	0	0
302	12.50	2.80	5.80	0	0	1	0	0	0	0
303	13.00	2.80	5.80	0	0	1	0	0	0	0
304	13.25	2.80	5.80	0	0	1	0	0	0	0
305	13.50	2.80	5.80	0	0	1	0	0	0	0
306	14.25	2.80	5.80	0	0	1	0	0	0	0
307	15.75	2.80	5.80	0	0	1	0	0	0	0
308	16.50	2.80	5.80	0	0	1	0	0	0	0
309	17.25	2.80	5.80	0	0	1	0	0	0	0
310	18.00	2.80	5.80	0	0	1	0	0	0	0
311	18.75	2.80	5.80	0	0	1	0	0	0	0
312	20.25	2.80	5.80	0	0	1	0	0	0	0
313	21.00	2.80	5.80	0	0	1	0	0	0	0
314	21.75	2.80	5.80	0	0	1	0	0	0	0
315	22.50	2.80	5.80	0	0	1	0	0	0	0
316	23.25	2.80	5.80	0	0	1	0	0	0	0
317	24.00	2.80	5.80	0	0	1	0	0	0	0
318	8.25	2.80	5.80	0	0	1	0	0	0	0
319	9.00	2.80	5.80	0	0	1	0	0	0	0
320	9.75	2.80	5.80	0	0	1	0	0	0	0
321	0.00	3.50	5.80	0	0	1	0	0	0	0
322	1.50	3.50	5.80	0	0	1	0	0	0	0
323	3.00	3.50	5.80	0	0	1	0	0	0	0
324	6.00	3.50	5.80	0	0	1	0	0	0	0
325	7.50	3.50	5.80	0	0	1	0	0	0	0
326	9.00	3.50	5.80	0	0	1	0	0	0	0
327	10.50	3.50	5.80	0	0	1	0	0	0	0
328	11.00	3.50	5.80	0	0	1	0	0	0	0
329	12.00	3.50	5.80	0	0	1	0	0	0	0
330	13.00	3.50	5.80	0	0	1	0	0	0	0
331	13.50	3.50	5.80	0	0	1	0	0	0	0
332	15.00	3.50	5.80	0	0	1	0	0	0	0
333	16.50	3.50	5.80	0	0	1	0	0	0	0
334	18.00	3.50	5.80	0	0	1	0	0	0	0
335	19.50	3.50	5.80	0	0	1	0	0	0	0
336	21.00	3.50	5.80	0	0	1	0	0	0	0
337	22.50	3.50	5.80	0	0	1	0	0	0	0
338	24.00	3.50	5.80	0	0	1	0	0	0	0
339	0.00	4.20	5.80	0	0	1	0	0	0	0
340	0.75	4.20	5.80	0	0	1	0	0	0	0

341	1.50	4.20	5.80	0	0	1	0	0	0	0
342	2.25	4.20	5.80	0	0	1	0	0	0	0
343	3.00	4.20	5.80	0	0	1	0	0	0	0
344	3.75	4.20	5.80	0	0	1	0	0	0	0
345	5.25	4.20	5.80	0	0	1	0	0	0	0
346	6.00	4.20	5.80	0	0	1	0	0	0	0
347	6.75	4.20	5.80	0	0	1	0	0	0	0
348	7.50	4.20	5.80	0	0	1	0	0	0	0
349	8.25	4.20	5.80	0	0	1	0	0	0	0
350	9.00	4.20	5.80	0	0	1	0	0	0	0
351	9.75	4.20	5.80	0	0	1	0	0	0	0
352	10.50	4.20	5.80	0	0	1	0	0	0	0
353	10.75	4.20	5.80	0	0	1	0	0	0	0
354	11.00	4.20	5.80	0	0	1	0	0	0	0
355	11.50	4.20	5.80	0	0	1	0	0	0	0
356	12.00	4.20	5.80	0	0	1	0	0	0	0
357	12.50	4.20	5.80	0	0	1	0	0	0	0
358	13.00	4.20	5.80	0	0	1	0	0	0	0
359	13.25	4.20	5.80	0	0	1	0	0	0	0
360	13.50	4.20	5.80	0	0	1	0	0	0	0
361	14.25	4.20	5.80	0	0	1	0	0	0	0
362	15.00	4.20	5.80	0	0	1	0	0	0	0
363	15.75	4.20	5.80	0	0	1	0	0	0	0
364	17.25	4.20	5.80	0	0	1	0	0	0	0
365	18.00	4.20	5.80	0	0	1	0	0	0	0
366	18.75	4.20	5.80	0	0	1	0	0	0	0
367	19.50	4.20	5.80	0	0	1	0	0	0	0
368	20.25	4.20	5.80	0	0	1	0	0	0	0
369	21.00	4.20	5.80	0	0	1	0	0	0	0
370	21.75	4.20	5.80	0	0	1	0	0	0	0
371	22.50	4.20	5.80	0	0	1	0	0	0	0
372	23.25	4.20	5.80	0	0	1	0	0	0	0
373	24.00	4.20	5.80	0	0	1	0	0	0	0
374	0.00	4.90	5.80	0	0	1	0	0	0	0
375	1.50	4.90	5.80	0	0	1	0	0	0	0
376	3.00	4.90	5.80	0	0	1	0	0	0	0
377	6.00	4.90	5.80	0	0	1	0	0	0	0
378	7.50	4.90	5.80	0	0	1	0	0	0	0
379	10.50	4.90	5.80	0	0	1	0	0	0	0
380	11.00	4.90	5.80	0	0	1	0	0	0	0
381	12.00	4.90	5.80	0	0	1	0	0	0	0
382	13.00	4.90	5.80	0	0	1	0	0	0	0
383	13.50	4.90	5.80	0	0	1	0	0	0	0
384	15.00	4.90	5.80	0	0	1	0	0	0	0
385	16.50	4.90	5.80	0	0	1	0	0	0	0
386	18.00	4.90	5.80	0	0	1	0	0	0	0
387	19.50	4.90	5.80	0	0	1	0	0	0	0
388	21.00	4.90	5.80	0	0	1	0	0	0	0
389	22.50	4.90	5.80	0	0	1	0	0	0	0
390	24.00	4.90	5.80	0	0	1	0	0	0	0
391	9.00	4.90	5.80	0	0	1	0	0	0	0
392	0.00	5.60	5.80	0	0	1	0	0	0	0
393	0.75	5.60	5.80	0	0	1	0	0	0	0
394	2.25	5.60	5.80	0	0	1	0	0	0	0
395	3.00	5.60	5.80	0	0	1	0	0	0	0
396	3.75	5.60	5.80	0	0	1	0	0	0	0
397	5.25	5.60	5.80	0	0	1	0	0	0	0
398	6.00	5.60	5.80	0	0	1	0	0	0	0
399	6.75	5.60	5.80	0	0	1	0	0	0	0
400	10.50	5.60	5.80	0	0	1	0	0	0	0
401	10.75	5.60	5.80	0	0	1	0	0	0	0
402	11.00	5.60	5.80	0	0	1	0	0	0	0
403	11.50	5.60	5.80	0	0	1	0	0	0	0
404	12.00	5.60	5.80	0	0	1	0	0	0	0
405	12.50	5.60	5.80	0	0	1	0	0	0	0
406	13.00	5.60	5.80	0	0	1	0	0	0	0
407	13.25	5.60	5.80	0	0	1	0	0	0	0
408	13.50	5.60	5.80	0	0	1	0	0	0	0
409	14.25	5.60	5.80	0	0	1	0	0	0	0
410	15.00	5.60	5.80	0	0	1	0	0	0	0
411	15.75	5.60	5.80	0	0	1	0	0	0	0
412	16.50	5.60	5.80	0	0	1	0	0	0	0
413	17.25	5.60	5.80	0	0	1	0	0	0	0
414	20.25	5.60	5.80	0	0	1	0	0	0	0

415	21.00	5.60	5.80	0	0	1	0	0	0	0
416	21.75	5.60	5.80	0	0	1	0	0	0	0
417	22.50	5.60	5.80	0	0	1	0	0	0	0
418	23.25	5.60	5.80	0	0	1	0	0	0	0
419	24.00	5.60	5.80	0	0	1	0	0	0	0
420	8.25	5.60	5.80	0	0	1	0	0	0	0
421	9.00	5.60	5.80	0	0	1	0	0	0	0
422	9.75	5.60	5.80	0	0	1	0	0	0	0
423	0.00	6.30	5.80	0	0	1	0	0	0	0
424	3.00	6.30	5.80	0	0	1	0	0	0	0
425	6.00	6.30	5.80	0	0	1	0	0	0	0
426	7.50	6.30	5.80	0	0	1	0	0	0	0
427	10.50	6.30	5.80	0	0	1	0	0	0	0
428	11.00	6.30	5.80	0	0	1	0	0	0	0
429	12.00	6.30	5.80	0	0	1	0	0	0	0
430	13.00	6.30	5.80	0	0	1	0	0	0	0
431	13.50	6.30	5.80	0	0	1	0	0	0	0
432	21.00	6.30	5.80	0	0	1	0	0	0	0
433	22.50	6.30	5.80	0	0	1	0	0	0	0
434	24.00	6.30	5.80	0	0	1	0	0	0	0
435	1.50	6.30	5.80	0	0	1	0	0	0	0
436	4.50	6.30	5.80	0	0	1	0	0	0	0
437	9.00	6.30	5.80	0	0	1	0	0	0	0
438	15.00	6.30	5.80	0	0	1	0	0	0	0
439	16.50	6.30	5.80	0	0	1	0	0	0	0
440	18.00	6.30	5.80	0	0	1	0	0	0	0
441	19.50	6.30	5.80	0	0	1	0	0	0	0
442	0.00	7.00	5.80	0	0	1	0	0	0	0
443	3.00	7.00	5.80	0	0	1	0	0	0	0
444	6.00	7.00	5.80	0	0	1	0	0	0	0
445	6.75	7.00	5.80	0	0	1	0	0	0	0
446	10.50	7.00	5.80	0	0	1	0	0	0	0
447	10.75	7.00	5.80	0	0	1	0	0	0	0
448	11.00	7.00	5.80	0	0	1	0	0	0	0
449	11.50	7.00	5.80	0	0	1	0	0	0	0
450	12.00	7.00	5.80	0	0	1	0	0	0	0
451	12.50	7.00	5.80	0	0	1	0	0	0	0
452	13.25	7.00	5.80	0	0	1	0	0	0	0
453	13.50	7.00	5.80	0	0	1	0	0	0	0
454	21.00	7.00	5.80	0	0	1	0	0	0	0
455	21.75	7.00	5.80	0	0	1	0	0	0	0
456	22.50	7.00	5.80	0	0	1	0	0	0	0
457	23.25	7.00	5.80	0	0	1	0	0	0	0
458	24.00	7.00	5.80	0	0	1	0	0	0	0
459	0.75	7.00	5.80	0	0	1	0	0	0	0
460	1.50	7.00	5.80	0	0	1	0	0	0	0
461	2.25	7.00	5.80	0	0	1	0	0	0	0
462	3.75	7.00	5.80	0	0	1	0	0	0	0
463	4.50	7.00	5.80	0	0	1	0	0	0	0
464	5.25	7.00	5.80	0	0	1	0	0	0	0
465	8.25	7.00	5.80	0	0	1	0	0	0	0
466	9.75	7.00	5.80	0	0	1	0	0	0	0
467	13.00	7.00	5.80	0	0	1	0	0	0	0
468	14.25	7.00	5.80	0	0	1	0	0	0	0
469	15.75	7.00	5.80	0	0	1	0	0	0	0
470	16.50	7.00	5.80	0	0	1	0	0	0	0
471	17.25	7.00	5.80	0	0	1	0	0	0	0
472	18.00	7.00	5.80	0	0	1	0	0	0	0
473	18.75	7.00	5.80	0	0	1	0	0	0	0
474	19.50	7.00	5.80	0	0	1	0	0	0	0
475	20.25	7.00	5.80	0	0	1	0	0	0	0
476	0.00	7.70	5.80	0	0	1	0	0	0	0
477	1.50	7.70	5.80	0	0	1	0	0	0	0
478	3.00	7.70	5.80	0	0	1	0	0	0	0
479	4.50	7.70	5.80	0	0	1	0	0	0	0
480	6.00	7.70	5.80	0	0	1	0	0	0	0
481	7.50	7.70	5.80	0	0	1	0	0	0	0
482	9.00	7.70	5.80	0	0	1	0	0	0	0
483	10.50	7.70	5.80	0	0	1	0	0	0	0
484	11.00	7.70	5.80	0	0	1	0	0	0	0
485	12.00	7.70	5.80	0	0	1	0	0	0	0
486	13.00	7.70	5.80	0	0	1	0	0	0	0
487	13.50	7.70	5.80	0	0	1	0	0	0	0
488	15.00	7.70	5.80	0	0	1	0	0	0	0

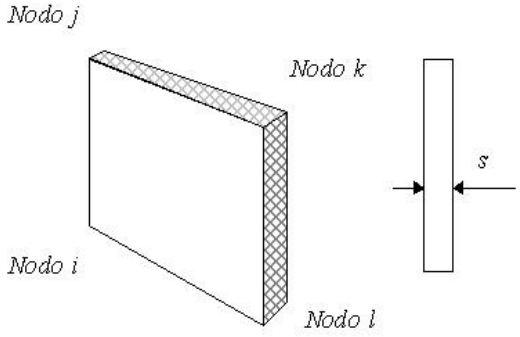
489	16.50	7.70	5.80	0	0	1	0	0	0	0
490	18.00	7.70	5.80	0	0	1	0	0	0	0
491	19.50	7.70	5.80	0	0	1	0	0	0	0
492	21.00	7.70	5.80	0	0	1	0	0	0	0
493	22.50	7.70	5.80	0	0	1	0	0	0	0
494	24.00	7.70	5.80	0	0	1	0	0	0	0
495	0.00	8.40	5.80	0	0	0	0	0	0	0
496	0.75	8.40	5.80	0	0	0	0	0	0	0
497	1.50	8.40	5.80	0	0	0	0	0	0	0
498	2.25	8.40	5.80	0	0	0	0	0	0	0
499	3.00	8.40	5.80	0	0	0	0	0	0	0
500	3.75	8.40	5.80	0	0	0	0	0	0	0
501	4.50	8.40	5.80	0	0	0	0	0	0	0
502	5.25	8.40	5.80	0	0	0	0	0	0	0
503	6.00	8.40	5.80	0	0	0	0	0	0	0
504	6.75	8.40	5.80	0	0	0	0	0	0	0
505	7.50	8.40	5.80	0	0	0	0	0	0	0
506	8.25	8.40	5.80	0	0	0	0	0	0	0
507	9.00	8.40	5.80	0	0	0	0	0	0	0
508	9.75	8.40	5.80	0	0	0	0	0	0	0
509	10.50	8.40	5.80	0	0	0	0	0	0	0
510	10.75	8.40	5.80	0	0	0	0	0	0	0
511	11.00	8.40	5.80	0	0	0	0	0	0	0
512	11.50	8.40	5.80	0	0	0	0	0	0	0
513	12.00	8.40	5.80	0	0	0	0	0	0	0
514	12.50	8.40	5.80	0	0	0	0	0	0	0
515	13.00	8.40	5.80	0	0	0	0	0	0	0
516	13.25	8.40	5.80	0	0	0	0	0	0	0
517	13.50	8.40	5.80	0	0	0	0	0	0	0
518	14.25	8.40	5.80	0	0	0	0	0	0	0
519	15.00	8.40	5.80	0	0	0	0	0	0	0
520	15.75	8.40	5.80	0	0	0	0	0	0	0
521	16.50	8.40	5.80	0	0	0	0	0	0	0
522	17.25	8.40	5.80	0	0	0	0	0	0	0
523	18.00	8.40	5.80	0	0	0	0	0	0	0
524	18.75	8.40	5.80	0	0	0	0	0	0	0
525	19.50	8.40	5.80	0	0	0	0	0	0	0
526	20.25	8.40	5.80	0	0	0	0	0	0	0
527	21.00	8.40	5.80	0	0	0	0	0	0	0
528	21.75	8.40	5.80	0	0	0	0	0	0	0
529	22.50	8.40	5.80	0	0	0	0	0	0	0
530	23.25	8.40	5.80	0	0	0	0	0	0	0
531	24.00	8.40	5.80	0	0	0	0	0	0	0
532	9.00	1.40	5.80	0	0	1	0	0	0	0
533	4.50	2.80	5.80	0	0	1	0	0	0	0
534	5.25	2.80	5.80	0	0	1	0	0	0	0
535	6.00	2.80	5.80	0	0	1	0	0	0	0
536	6.75	2.80	5.80	0	0	1	0	0	0	0
537	7.50	2.80	5.80	0	0	1	0	0	0	0
538	15.00	2.80	5.80	0	0	1	0	0	0	0
539	19.50	2.80	5.80	0	0	1	0	0	0	0
540	4.50	3.50	5.80	0	0	1	0	0	0	0
541	4.50	4.20	5.80	0	0	1	0	0	0	0
542	16.50	4.20	5.80	0	0	1	0	0	0	0
543	4.50	4.90	5.80	0	0	1	0	0	0	0
544	1.50	5.60	5.80	0	0	1	0	0	0	0
545	4.50	5.60	5.80	0	0	1	0	0	0	0
546	7.50	5.60	5.80	0	0	1	0	0	0	0
547	18.00	5.60	5.80	0	0	1	0	0	0	0
548	18.75	5.60	5.80	0	0	1	0	0	0	0
549	19.50	5.60	5.80	0	0	1	0	0	0	0
550	9.00	7.00	5.80	0	0	1	0	0	0	0
551	15.00	7.00	5.80	0	0	1	0	0	0	0



- Elementi setto

- Convenzioni adottate

L'elemento setto viene identificato mediante i quattro nodi (**i, j, k, l**) di bordo.



Numerazione dei nodi cui fa capo l'elemento

- Caratteristiche dei Materiali:

Tipo	Modulo Elastico [kg/cm²]	nu	alfa [1/°C]	Peso Specifico [kg/m³]	Commento
1	300000.0	0.120	0.000012	2500.0	Calcestruzzo

- Caratteristiche dei Terreni di Fondazione:

Tipo	Costante di Sottofondo [kg/cm³]	Commento
1	5.0	Default

- Sezioni Impiegate:

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1	1	Muro fondazione	B= 115 H= 80 s= 35 [cm] Terreno numero 1
2	1	Muro	s= 35 [cm] Paramento verticale

- Sezioni con riduzione della resistenza flessionale-tagliante

Sezione	Fattore di Efficacia

2 Muro Paramento verticale 80

Nodo i	Nodo j	Nodo k	Nodo l	Materiale	Sezione
21	77	41	1	1	1
77	114	113	41	1	2
114	189	188	113	1	2
2	42	77	21	1	1
42	115	114	77	1	2
115	190	189	114	1	2
22	78	42	2	1	1
78	116	115	42	1	2
116	191	190	115	1	2
3	43	78	22	1	1
43	117	116	78	1	2
117	192	191	116	1	2
23	79	43	3	1	1
79	118	117	43	1	2
118	193	192	117	1	2
4	44	79	23	1	1
44	119	118	79	1	2
119	194	193	118	1	2
24	80	44	4	1	1
80	120	119	44	1	2
120	195	194	119	1	2
5	45	80	24	1	1
45	121	120	80	1	2
121	196	195	120	1	2
25	81	46	6	1	1
81	126	125	46	1	2
126	201	200	125	1	2
26	82	47	7	1	1
82	128	127	47	1	2
128	203	202	127	1	2
7	47	81	25	1	1
47	127	126	81	1	2
127	202	201	126	1	2
27	83	48	8	1	1
83	130	129	48	1	2
130	205	204	129	1	2
8	48	82	26	1	1
48	129	128	82	1	2
129	204	203	128	1	2
28	84	49	9	1	1
84	132	131	49	1	2
132	207	206	131	1	2
9	49	83	27	1	1
49	131	130	83	1	2
131	206	205	130	1	2
10	50	84	28	1	1
50	133	132	84	1	2
133	208	207	132	1	2
29	93	59	11	1	1
93	151	150	59	1	2
151	504	503	150	1	2
30	94	60	12	1	1
94	153	152	60	1	2
153	506	505	152	1	2
12	60	93	29	1	1
60	152	151	93	1	2
152	505	504	151	1	2
31	95	61	13	1	1
95	155	154	61	1	2
155	508	507	154	1	2
13	61	94	30	1	1
61	154	153	94	1	2
154	507	506	153	1	2
32	96	62	14	1	1
96	157	156	62	1	2
157	510	509	156	1	2
14	62	95	31	1	1
62	156	155	95	1	2

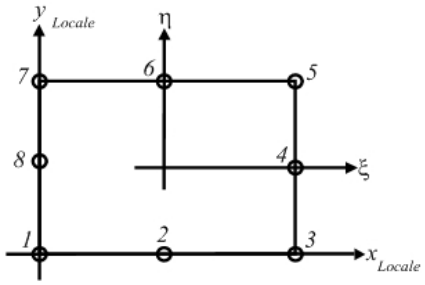
156	509	508	155	1	2
15	63	96	32	1	1
63	158	157	96	1	2
158	511	510	157	1	2
33	97	64	16	1	1
97	163	162	64	1	2
163	516	515	162	1	2
17	65	97	33	1	1
65	164	163	97	1	2
164	517	516	163	1	2
34	98	65	17	1	1
98	165	164	65	1	2
165	518	517	164	1	2
18	66	98	34	1	1
66	166	165	98	1	2
166	519	518	165	1	2
35	99	66	18	1	1
99	167	166	66	1	2
167	520	519	166	1	2
19	67	99	35	1	1
67	168	167	99	1	2
168	521	520	167	1	2
36	100	67	19	1	1
100	169	168	67	1	2
169	522	521	168	1	2
20	68	100	36	1	1
68	170	169	100	1	2
170	523	522	169	1	2
73	106	105	37	1	1
106	181	180	105	1	2
74	108	107	38	1	1
108	183	182	107	1	2
38	107	106	73	1	1
107	182	181	106	1	2
75	110	109	39	1	1
110	185	184	109	1	2
39	109	108	74	1	1
109	184	183	108	1	2
76	112	111	40	1	1
112	187	186	111	1	2
40	111	110	75	1	1
111	186	185	110	1	2
41	113	112	76	1	1
113	188	187	112	1	2
85	134	133	50	1	1
134	209	208	133	1	2
86	136	135	51	1	1
136	211	210	135	1	2
51	135	134	85	1	1
135	210	209	134	1	2
87	138	137	52	1	1
138	213	212	137	1	2
52	137	136	86	1	1
137	212	211	136	1	2
88	140	139	53	1	1
140	215	214	139	1	2
53	139	138	87	1	1
139	214	213	138	1	2
54	141	140	88	1	1
141	216	215	140	1	2
89	143	142	55	1	1
143	496	495	142	1	2
56	144	143	89	1	1
144	497	496	143	1	2
90	145	144	56	1	1
145	498	497	144	1	2
57	146	145	90	1	1
146	499	498	145	1	2
91	147	146	57	1	1
147	500	499	146	1	2
58	148	147	91	1	1
148	501	500	147	1	2
92	149	148	58	1	1
149	502	501	148	1	2

59	150	149	92	1	1
150	503	502	149	1	2
101	171	170	68	1	1
171	524	523	170	1	2
69	172	171	101	1	1
172	525	524	171	1	2
102	173	172	69	1	1
173	526	525	172	1	2
70	174	173	102	1	1
174	527	526	173	1	2
103	175	174	70	1	1
175	528	527	174	1	2
71	176	175	103	1	1
176	529	528	175	1	2
104	177	176	71	1	1
177	530	529	176	1	2
72	178	177	104	1	1
178	531	530	177	1	2
122	197	196	121	1	2
123	198	197	122	1	2
124	199	198	123	1	2
125	200	199	124	1	2
159	512	511	158	1	2
160	513	512	159	1	2
161	514	513	160	1	2
162	515	514	161	1	2

- Elementi isoparametrici a 8 nodi

- Convenzioni adottate

L'elemento Isoparametrico a 8 nodi può essere impiegato sia per stati piani di tensione-deformazione che come elemento lastra in flessione fuori dal proprio piano.
La sua matrice di rigidezza è ottenuta per degenerazione dell'elemento finito solido esaedrico a 20 nodi. Tale degenerazione viene ottenuta imponendo la condizione di spessore costante in tutto l'elemento.
L'elemento cosi ottenuto è piano (tutti i suoi 8 nodi **devono** appartenere ad un medesimo piano) e può essere, come detto impiegato sia come elemento piastra che come elemento finito a lastra.



Numerazione nodale e riferimento locale
I nodi dell'elemento sono numerati come in figura. Gli assi locali sono disposti con i seguenti criteri:

- L'asse $\mathbf{x}_{locale}$ dell'elemento è disposto lungo la congiungente i nodi **1 3**

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- L'asse $\mathbf{y}_{locale}$ dell'elemento è disposto lungo la congiungente i nodi **1 7**
- L'asse $\mathbf{z}_{locale}$ è ottenuto mediante prodotto vettoriale fra gli assi $\mathbf{x}_{locale}$ e $\mathbf{y}_{locale}$.

- Caratteristiche dei Materiali:

Tipo	Modulo Elastico [kg/cm²]	nu	alfa [1/°C]	Peso Specifico [kg/m³]	Commento
1	300000.0	0.120	0.000012	2500.0	Calcestruzzo

- Sezioni Impiegate:

Sezione	Materiale	Tipo di Sezione	Parametri Dimensionali Commenti
1	1	Mesh isotropa	s= 30 [cm] soletta impalcato

Nodo 1	Nodo 2	Nodo 3	Nodo 4	Nodo 5	Nodo 6	Nodo 7	Nodo 8	Materiale	Sezione
251	250	249	224	196	197	198	225	1	1
251	280	301	300	299	279	249	250	1	1
202	227	255	254	253	226	200	201	1	1
210	231	263	262	261	230	208	209	1	1
208	230	261	260	259	229	206	207	1	1
206	229	259	258	257	228	204	205	1	1
204	228	257	256	255	227	202	203	1	1
200	226	253	252	251	225	198	199	1	1
190	222	246	245	244	221	188	189	1	1
196	224	249	248	247	223	194	195	1	1
188	221	244	243	242	220	186	187	1	1
186	220	242	241	240	219	184	185	1	1
184	219	240	239	238	218	182	183	1	1
182	218	238	237	236	217	180	181	1	1
249	279	299	298	297	278	247	248	1	1
240	274	295	294	293	273	238	239	1	1
212	232	265	264	263	231	210	211	1	1
216	234	269	268	267	233	214	215	1	1
214	233	267	266	265	232	212	213	1	1
238	273	293	292	291	272	236	237	1	1
301	329	356	355	354	328	299	300	1	1
255	282	305	304	303	281	253	254	1	1
253	281	303	302	301	280	251	252	1	1
356	381	404	403	402	380	354	355	1	1
305	331	360	359	358	330	303	304	1	1
303	330	358	357	356	329	301	302	1	1
299	328	354	353	352	327	297	298	1	1
297	327	352	351	350	326	319	320	1	1
295	323	343	342	341	322	293	294	1	1
269	289	317	316	315	288	267	268	1	1
261	285	310	309	308	284	259	260	1	1
267	288	315	314	313	287	265	266	1	1
293	322	341	340	339	321	291	292	1	1
362	384	410	409	408	383	360	361	1	1
360	383	408	407	406	382	358	359	1	1
358	382	406	405	404	381	356	357	1	1
315	337	371	370	369	336	313	314	1	1
371	389	417	416	415	388	369	370	1	1
354	380	402	401	400	379	352	353	1	1
317	338	373	372	371	337	315	316	1	1
373	390	419	418	417	389	371	372	1	1
419	434	458	457	456	433	417	418	1	1
458	494	531	530	529	493	456	457	1	1
456	493	529	528	527	492	454	455	1	1
265	287	313	312	539	286	263	264	1	1

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

313	336	369	368	367	335	539	312	1	1
369	388	415	414	549	387	367	368	1	1
415	432	454	475	474	441	549	414	1	1
417	433	456	455	454	432	415	416	1	1
404	429	450	449	448	428	402	403	1	1
402	428	448	447	446	427	400	401	1	1
352	379	400	422	421	391	350	351	1	1
454	492	527	526	525	491	474	475	1	1
263	286	539	311	310	285	261	262	1	1
539	335	367	366	365	334	310	311	1	1
367	387	549	548	547	386	365	366	1	1
549	441	474	473	472	440	547	548	1	1
408	431	453	452	467	430	406	407	1	1
406	430	467	451	450	429	404	405	1	1
474	491	525	524	523	490	472	473	1	1
310	334	365	364	542	333	308	309	1	1
365	386	547	413	412	385	542	364	1	1
547	440	472	471	470	439	412	413	1	1
472	490	523	522	521	489	470	471	1	1
259	284	308	307	538	283	257	258	1	1
308	333	542	363	362	332	538	307	1	1
542	385	412	411	410	384	362	363	1	1
412	439	470	469	551	438	410	411	1	1
470	489	521	520	519	488	551	469	1	1
257	283	538	306	305	282	255	256	1	1
538	332	362	361	360	331	305	306	1	1
410	438	551	468	453	431	408	409	1	1
551	488	519	518	517	487	453	468	1	1
453	487	517	516	515	486	467	452	1	1
467	486	515	514	513	485	450	451	1	1
450	485	513	512	511	484	448	449	1	1
448	484	511	510	509	483	446	447	1	1
194	223	247	271	532	235	192	193	1	1
247	278	297	320	319	290	532	271	1	1
400	427	446	466	550	437	421	422	1	1
446	483	509	508	507	482	550	466	1	1
192	235	532	270	246	222	190	191	1	1
532	290	319	318	537	277	246	270	1	1
319	326	350	349	348	325	537	318	1	1
350	391	421	420	546	378	348	349	1	1
421	437	550	465	179	426	546	420	1	1
550	482	507	506	505	481	179	465	1	1
246	277	537	536	535	276	244	245	1	1
537	325	348	347	346	324	535	536	1	1
348	378	546	399	398	377	346	347	1	1
546	426	179	445	444	425	398	399	1	1
179	481	505	504	503	480	444	445	1	1
244	276	535	534	533	275	242	243	1	1
535	324	346	345	541	540	533	534	1	1
346	377	398	397	545	543	541	345	1	1
398	425	444	464	463	436	545	397	1	1
444	480	503	502	501	479	463	464	1	1
242	275	533	296	295	274	240	241	1	1
533	540	541	344	343	323	295	296	1	1
541	543	545	396	395	376	343	344	1	1
545	436	463	462	443	424	395	396	1	1
463	479	501	500	499	478	443	462	1	1
343	376	395	394	544	375	341	342	1	1
395	424	443	461	460	435	544	394	1	1
443	478	499	498	497	477	460	461	1	1
341	375	544	393	392	374	339	340	1	1
544	435	460	459	442	423	392	393	1	1
460	477	497	496	495	476	442	459	1	1

- Condizioni e combinazioni di carico

- Convenzioni adottate

Nel seguito vengono riportate il numero di condizioni di carico statiche e dinamiche che sollecitano la struttura. Si noti che:

- Per quanto riguarda le condizioni di carico dinamiche, il programma assimila ogni direzione di ingresso del sisma, definita dal progettista, ad una condizione di carico. Pertanto qualora agiscano sulla struttura *n* condizioni di carico statiche e il progettista abbia supposto che la struttura venga sollecitata da un sisma entrante in *m* direzioni, la struttura stessa viene considerata del programma come soggetta ad *n* + *m* condizioni di carico.
- Le combinazioni di carico, definite dal progettista, combinano fra loro le *n* + *m* condizioni di carico ognuna partecipante alla combinazione *i-esima* secondo i fattori di partecipazione nel seguito riportati. N.B.: se la condizione *j-esima* ha fattore di partecipazione unitario, allora partecipa per intero alla combinazione *i-esima*.
- Le prime *n* condizioni sono sempre statiche mentre sono di origine dinamica le (eventuali) condizioni da *n+1* a *n+m*.

- Condizioni di carico definite:

- Cond. 1 peso proprio
- Cond. 2 permanente portato (pavimentazione stradale + guaina)
- Cond. 3 qik
- Cond. 4 Qik
- Cond. 5 Sisma 0SLV
- Cond. 6 Sisma 90SLV
- Cond. 7 Sisma 180SLV
- Cond. 8 Sisma 270SLV

- Combinazioni agli Stati Limite Ultimi

Combinazione di carico numero	
1	cond_1
2	cond_2

Comb.\Cond	1	2	3	4
1	1.3000	1.5000	1.5000	1.0500
2	1.5000	1.5000	1.0500	1.5000

- Combinazioni agli Stati Limite di Salvaguardia della Vita

Combinazione di carico numero	
3	Sisma 0 / 90
4	Sisma 0 / 270
5	Sisma 90 / 0
6	Sisma 90 / 180
7	Sisma 180 / 90
8	Sisma 180 / 270

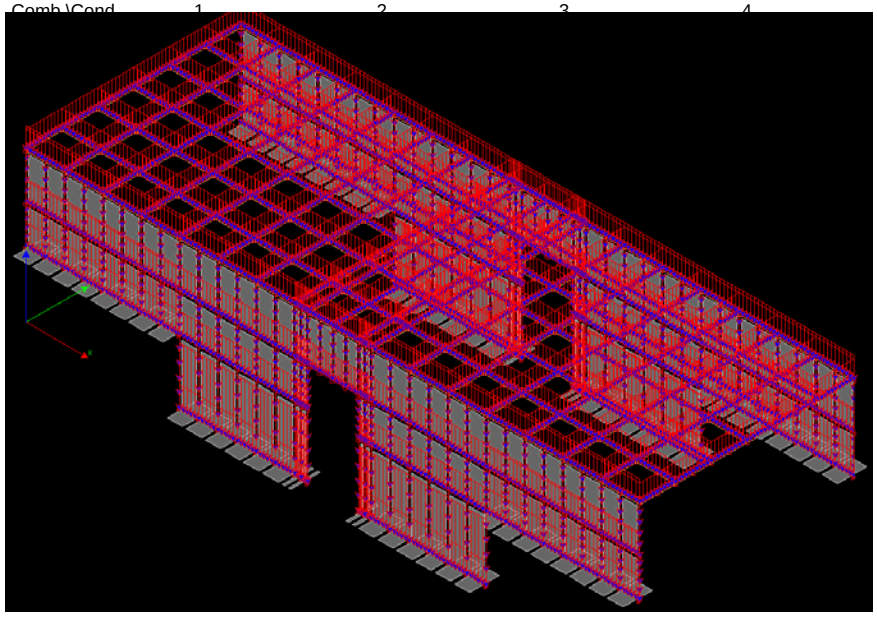
9	Sisma 270 / 0
10	Sisma 270 / 180

Comb.\Cond	1	2	3	4	5	6	7	8
3	1.0000	1.0000	0.2000	0.2000	1.0000	0.3000	0.0000	0.0000
4	1.0000	1.0000	0.2000	0.2000	1.0000	0.0000	0.0000	0.3000
5	1.0000	1.0000	0.2000	0.2000	0.3000	1.0000	0.0000	0.0000
6	1.0000	1.0000	0.2000	0.2000	0.0000	1.0000	0.3000	0.0000
7	1.0000	1.0000	0.2000	0.2000	0.0000	0.3000	1.0000	0.0000
8	1.0000	1.0000	0.2000	0.2000	0.0000	0.0000	1.0000	0.3000
9	1.0000	1.0000	0.2000	0.2000	0.3000	0.0000	0.0000	1.0000
10	1.0000	1.0000	0.2000	0.2000	0.0000	0.0000	0.3000	1.0000

- Combinazioni RARE Stati Limite di Esercizio

Combinazione di carico numero	
11	cond_3
12	cond_4

Comb.\Cond	1	2	3	4

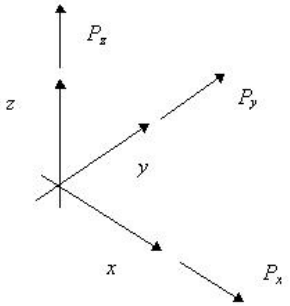


- Carichi e coppie applicati ai nodi

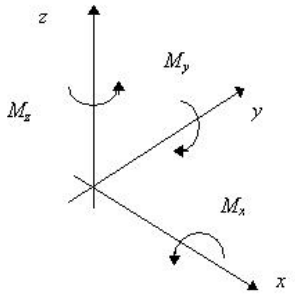
- Convenzioni adottate

La terna di riferimento generale è destrorsa per cui si hanno i seguenti segni positivi per i

carichi o per le coppie direttamente applicati ai nodi:



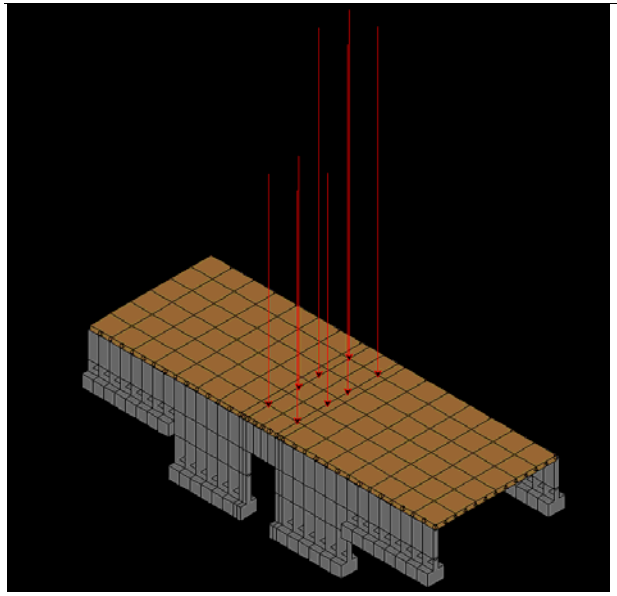
Versi positivi delle forze concentrate applicate ai nodi.



Versi positivi delle coppie concentrate applicate ai nodi.

Nel seguito vengono riportati per ogni nodo, su cui agiscono carichi concentrati, le componenti del carico (**P_X**, **P_Y**, **P_Z**, **M_X**, **M_Y**, **M_Z**) e la condizione di carico cui esse fanno riferimento.

Nodo	Cond.	Px [kg]	Py [kg]	Pz [kg]	Mx [kgm]	My [kgm]	Mz [kgm]
249	4	0.0	0.0	-14000.0	0.0	0.0	0.0
253	4	0.0	0.0	-14000.0	0.0	0.0	0.0
328	4	0.0	0.0	-14000.0	0.0	0.0	0.0
330	4	0.0	0.0	-14000.0	0.0	0.0	0.0
380	4	0.0	0.0	-21000.0	0.0	0.0	0.0
382	4	0.0	0.0	-21000.0	0.0	0.0	0.0
448	4	0.0	0.0	-21000.0	0.0	0.0	0.0
467	4	0.0	0.0	-21000.0	0.0	0.0	0.0



- Carichi applicati agli elementi

- Convenzioni adottate

I carichi applicati vengono raccolti nella tabella riportata alla fine del paragrafo e si intendono applicati nel sistema di riferimento locale dell'elemento.
Per la lettura della tabella si definiscono:
NodoI, NodoJ
I nodi iniziale/finale dell'asta o lato dell'elemento cui afferisce il carico L
La distanza fra i suddetti nodi.
qxi, ..., qzj
Le componenti di un carico distribuito costante o variabile linearmente iniziali (indice i) e finale (indice j).
xi, xj
Le distanze, misurate a partire dal NodoI, dei punti di applicazione dei carichi qxi..qzj relativi a carichi distribuiti applicati su porzioni di un'asta.
Px, ..., Pz xApp
Le componenti di un Carico Concentrato applicato a distanza xApp dal NodoI.
Mx, ..., Mz xApp
Le componenti di una Coppia Concentrata applicata a distanza xApp dal NodoI.
Var Termica Assiale, ..., Var Termica Farfalla 13
Le variazioni termiche (Assiali ed a Farfalla) misurate in gradi Celsius.
mxi, ..., mzj
Le componenti di coppie distribuite costanti o variabili linearmente iniziali (indice i) e finale (indice j).
qS_X, qS_Y, qS_Z
carichi, per unità di superficie, applicati su elementi superficiali o facce di elementi solidi
Peso Proprio
Il valore del carico derivante dal peso proprio dell'elemento

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Lavori di sistemazione Strada Provinciale "S.S. 650 Fondo Valle Trigno - Schiavi di Abruzzo" III° Lotto Funzionale

RELAZIONE DI CALCOLO PONTE

- Carichi distribuiti

Elemento	Cond. di carico	Nodi	L [m]	xi [m]	qxi [kg/m]	qyi [kg/m]	qzi [kg/m]	xj [m]	qxj [kg/m]	qyj [kg/m]	qzj [kg/m]	qSx [kg/m²]	qSy [kg/m²]	qSz [kg/m²]
251 196	1											0.0	0.0	750.0
	3											0.0	0.0	270.0
	2											0.0	0.0	230.0
21 41	1											-0.0	875.0	0.0
	1	1 21	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
251 299	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
77 113	1											-0.0	875.0	0.0
202 253	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
114 188	1											0.0	875.0	0.0
210 261	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
2 77	1											0.0	875.0	0.0
	1	21 2	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
208 259	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
42 114	1											0.0	875.0	0.0
206 257	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
115 189	1											0.0	875.0	0.0
204 255	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
22 42	1											-0.0	875.0	0.0
	1	2 22	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
200 251	1											0.0	0.0	750.0
	3											0.0	0.0	270.0
	2											0.0	0.0	230.0
78 115	1											-0.0	875.0	0.0
190 244	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
116 190	1											0.0	875.0	0.0
196 247	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
3 78	1											0.0	875.0	0.0
	1	22 3	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
188 242	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
43 116	1											0.0	875.0	0.0
186 240	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
117 191	1											0.0	875.0	0.0
184 238	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
23 43	1											-0.0	875.0	0.0
	1	3 23	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
182 236	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
79 117	1											-0.0	875.0	0.0
249 297	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
118 192	1											0.0	875.0	0.0
240 293	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

4 79	1											0.0	875.0	0.0
	1	23 4	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
212 263	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
44 118	1											0.0	875.0	0.0
216 267	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
119 193	1											0.0	875.0	0.0
214 265	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
24 44	1											-0.0	875.0	0.0
	1	4 24	0.25	0.00	-0.0	2300.0	0.0	0.25	-0.0	2300.0	0.0			
238 291	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
80 119	1											-0.0	875.0	0.0
301 354	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
120 194	1											0.0	875.0	0.0
255 303	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
5 80	1											0.0	875.0	0.0
	1	24 5	0.25	0.00	0.0	2300.0	0.0	0.25	0.0	2300.0	0.0			
253 301	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
45 120	1											0.0	875.0	0.0
356 402	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
121 195	1											0.0	875.0	0.0
305 358	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
25 46	1											-0.0	875.0	0.0
	1	6 25	0.25	0.00	-0.0	2300.0	0.0	0.25	-0.0	2300.0	0.0			
303 356	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
81 125	1											-0.0	875.0	0.0
299 352	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
126 200	1											0.0	875.0	0.0
297 350	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
26 47	1											-0.0	875.0	0.0
	1	7 26	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
295 341	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
82 127	1											-0.0	875.0	0.0
269 315	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
128 202	1											0.0	875.0	0.0
261 308	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
7 81	1											0.0	875.0	0.0
	1	25 7	0.25	0.00	0.0	2300.0	0.0	0.25	0.0	2300.0	0.0			
267 313	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
47 126	1											0.0	875.0	0.0
293 339	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0

127 201	1											0.0	875.0	0.0
362 408	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
27 48	1											-0.0	875.0	0.0
	1	8 27	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
360 406	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
83 129	1											-0.0	875.0	0.0
358 404	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
130 204	1											0.0	875.0	0.0
315 369	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
8 82	1											0.0	875.0	0.0
	1	26 8	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
371 415	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
48 128	1											0.0	875.0	0.0
354 400	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
129 203	1											0.0	875.0	0.0
317 371	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
28 49	1											-0.0	875.0	0.0
	1	9 28	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
373 417	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
84 131	1											-0.0	875.0	0.0
419 456	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
132 206	1											0.0	875.0	0.0
458 529	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
9 83	1											0.0	875.0	0.0
	1	27 9	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
456 527	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
49 130	1											0.0	875.0	0.0
265 539	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
131 205	1											0.0	875.0	0.0
313 367	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
10 84	1											0.0	875.0	0.0
	1	28 10	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
369 549	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
50 132	1											0.0	875.0	0.0
415 474	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
133 207	1											0.0	875.0	0.0
417 454	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
29 59	1											-0.0	875.0	0.0
	1	11 29	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
404 448	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0

93 150	1											-0.0	875.0	0.0
402 446	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
151 503	1											0.0	875.0	0.0
352 421	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
30 60	1											-0.0	875.0	0.0
	1	12 30	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
454 525	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
94 152	1											-0.0	875.0	0.0
263 310	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
153 505	1											0.0	875.0	0.0
539 365	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
12 93	1											0.0	875.0	0.0
	1	29 12	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
367 547	1											0.0	-0.0	750.0
	2											0.0	-0.0	230.0
	3											0.0	-0.0	270.0
60 151	1											0.0	875.0	0.0
549 472	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
152 504	1											0.0	875.0	0.0
408 467	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
31 61	1											-0.0	875.0	0.0
	1	13 31	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
406 450	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
95 154	1											-0.0	875.0	0.0
474 523	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
155 507	1											0.0	875.0	0.0
310 542	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
13 94	1											0.0	875.0	0.0
	1	30 13	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
365 412	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
61 153	1											0.0	875.0	0.0
547 470	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
154 506	1											0.0	875.0	0.0
472 521	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
32 62	1											-0.0	875.0	0.0
	1	14 32	0.25	0.00	-0.0	2300.0	0.0	0.25	-0.0	2300.0	0.0			
259 538	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
96 156	1											-0.0	875.0	0.0
308 362	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
157 509	1											0.0	875.0	0.0
542 410	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
14 95	1											0.0	875.0	0.0

	1	31 14	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
412 551	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
62 155	1											0.0	875.0	0.0
470 519	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
156 508	1											0.0	875.0	0.0
257 305	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
15 96	1											0.0	875.0	0.0
	1	32 15	0.25	0.00	0.0	2300.0	0.0	0.25	0.0	2300.0	0.0			
538 360	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
63 157	1											0.0	875.0	0.0
410 453	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
158 510	1											0.0	875.0	0.0
551 517	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
33 64	1											-0.0	875.0	0.0
	1	16 33	0.25	0.00	-0.0	2300.0	0.0	0.25	-0.0	2300.0	0.0			
453 515	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
97 162	1											-0.0	875.0	0.0
467 513	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
163 515	1											0.0	875.0	0.0
450 511	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
17 97	1											0.0	875.0	0.0
	1	33 17	0.25	0.00	0.0	2300.0	0.0	0.25	0.0	2300.0	0.0			
448 509	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
65 163	1											0.0	875.0	0.0
194 532	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
164 516	1											0.0	875.0	0.0
247 319	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
34 65	1											-0.0	875.0	0.0
	1	17 34	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
400 550	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
98 164	1											-0.0	875.0	0.0
446 507	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
165 517	1											0.0	875.0	0.0
192 246	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
18 98	1											0.0	875.0	0.0
	1	34 18	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
532 537	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
66 165	1											0.0	875.0	0.0
319 348	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
166 518	1											0.0	875.0	0.0

RELAZIONE DI CALCOLO PONTE

350 546	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
35 66	1											-0.0	875.0	0.0
	1	18 35	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
421 179	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
99 166	1											-0.0	875.0	0.0
550 505	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
167 519	1											0.0	875.0	0.0
246 535	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
19 99	1											0.0	875.0	0.0
	1	35 19	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
537 346	1											-0.0	0.0	750.0
	2											-0.0	0.0	230.0
	3											-0.0	0.0	270.0
67 167	1											0.0	875.0	0.0
348 398	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
168 520	1											0.0	875.0	0.0
546 444	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
36 67	1											-0.0	875.0	0.0
	1	19 36	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
179 503	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
100 168	1											-0.0	875.0	0.0
244 533	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
169 521	1											0.0	875.0	0.0
535 541	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
20 100	1											0.0	875.0	0.0
	1	36 20	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
346 545	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
68 169	1											0.0	875.0	0.0
398 463	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
170 522	1											0.0	875.0	0.0
444 501	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
73 105	1											-0.0	875.0	0.0
	1	37 73	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
242 295	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
106 180	1											0.0	875.0	0.0
533 343	1											0.0	-0.0	750.0
	2											0.0	-0.0	230.0
	3											0.0	-0.0	270.0
74 107	1											-0.0	875.0	0.0
	1	38 74	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
541 395	1											0.0	-0.0	750.0
	2											0.0	-0.0	230.0
	3											0.0	-0.0	270.0
108 182	1											0.0	875.0	0.0
545 443	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
38 106	1											0.0	875.0	0.0

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Lavori di sistemazione Strada Provinciale "S.S. 650 Fondo Valle Trigno - Schiavi di Abruzzo" III° Lotto Funzionale

RELAZIONE DI CALCOLO PONTE

	1	73 38	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
463 499	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
107 181	1											0.0	875.0	0.0
343 544	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
75 109	1											-0.0	875.0	0.0
	1	39 75	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
395 460	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
110 184	1											0.0	875.0	0.0
443 497	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
39 108	1											0.0	875.0	0.0
	1	74 39	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
341 392	1											0.0	-0.0	750.0
	2											0.0	-0.0	230.0
	3											0.0	-0.0	270.0
109 183	1											0.0	875.0	0.0
544 442	1											-0.0	-0.0	750.0
	2											-0.0	-0.0	230.0
	3											-0.0	-0.0	270.0
76 111	1											-0.0	875.0	0.0
	1	40 76	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
460 495	1											0.0	0.0	750.0
	2											0.0	0.0	230.0
	3											0.0	0.0	270.0
112 186	1											0.0	875.0	0.0
40 110	1											0.0	875.0	0.0
	1	75 40	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
111 185	1											0.0	875.0	0.0
41 112	1											0.0	875.0	0.0
	1	76 41	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
113 187	1											0.0	875.0	0.0
85 133	1											-0.0	875.0	0.0
	1	50 85	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
134 208	1											0.0	875.0	0.0
86 135	1											-0.0	875.0	0.0
	1	51 86	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
136 210	1											0.0	875.0	0.0
51 134	1											0.0	875.0	0.0
	1	85 51	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
135 209	1											0.0	875.0	0.0
87 137	1											-0.0	875.0	0.0
	1	52 87	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
138 212	1											0.0	875.0	0.0
52 136	1											0.0	875.0	0.0
	1	86 52	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
137 211	1											0.0	875.0	0.0
88 139	1											-0.0	875.0	0.0
	1	53 88	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
140 214	1											0.0	875.0	0.0
53 138	1											0.0	875.0	0.0
	1	87 53	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
139 213	1											0.0	875.0	0.0
54 140	1											0.0	875.0	0.0
	1	88 54	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
141 215	1											0.0	875.0	0.0
89 142	1											-0.0	875.0	0.0
	1	55 89	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
143 495	1											0.0	875.0	0.0
56 143	1											0.0	875.0	0.0
	1	89 56	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
144 496	1											0.0	875.0	0.0
90 144	1											-0.0	875.0	0.0
	1	56 90	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
145 497	1											0.0	875.0	0.0
57 145	1											0.0	875.0	0.0
	1	90 57	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
146 498	1											0.0	875.0	0.0

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

91 146	1											-0.0	875.0	0.0
	1	57 91	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
147 499	1											0.0	875.0	0.0
58 147	1											0.0	875.0	0.0
	1	91 58	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
148 500	1											0.0	875.0	0.0
92 148	1											-0.0	875.0	0.0
	1	58 92	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
149 501	1											0.0	875.0	0.0
59 149	1											0.0	875.0	0.0
	1	92 59	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
150 502	1											0.0	875.0	0.0
101 170	1											-0.0	875.0	0.0
	1	68 101	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
171 523	1											0.0	875.0	0.0
69 171	1											0.0	875.0	0.0
	1	101 69	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
172 524	1											0.0	875.0	0.0
102 172	1											-0.0	875.0	0.0
	1	69 102	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
173 525	1											0.0	875.0	0.0
70 173	1											0.0	875.0	0.0
	1	102 70	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
174 526	1											0.0	875.0	0.0
103 174	1											-0.0	875.0	0.0
	1	70 103	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
175 527	1											0.0	875.0	0.0
71 175	1											0.0	875.0	0.0
	1	103 71	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
176 528	1											0.0	875.0	0.0
104 176	1											-0.0	875.0	0.0
	1	71 104	0.75	0.00	-0.0	2300.0	0.0	0.75	-0.0	2300.0	0.0			
177 529	1											0.0	875.0	0.0
72 177	1											0.0	875.0	0.0
	1	104 72	0.75	0.00	0.0	2300.0	0.0	0.75	0.0	2300.0	0.0			
178 530	1											0.0	875.0	0.0
122 196	1											0.0	875.0	0.0
123 197	1											0.0	875.0	0.0
124 198	1											0.0	875.0	0.0
125 199	1											0.0	875.0	0.0
159 511	1											0.0	875.0	0.0
160 512	1											0.0	875.0	0.0
161 513	1											0.0	875.0	0.0
162 514	1											0.0	875.0	0.0

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Analisi dinamica

- Convenzioni adottate

Nella presente versione del programma ***WinStrand*** l'analisi in campo dinamico della struttura può essere condotta per via *statica equivalente* ovvero per via *modale* facendo uso, per il calcolo della risposta, dello spettro di pseudo accellerazioni fornito dal regolamento italiano.
Nel caso di analisi dinamica condotta per via *statica equivalente* le azioni di piano vengono calcolate facendo riferimento al punto **C.6.1.1.** delle **norme tecniche per le costruzioni in zona sismica** e cioè, definiti:
W_i
peso dell'*i-esimo* impalcato valutato tenendo conto dei carichi permanenti e dei coefficienti riduttivi relativi alle condizioni di carico accidentali
K_{hi}
coefficiente ottenuto tenendo conto del coefficiente di intensità sismica e dei coefficienti di risposta, fondazione, struttura. Ovvero:

$$K_{hi} = C \times R \times \varepsilon \times \beta \times \eta_i$$

dove (indicando con h_j l'altezza del *j-esimo* piano)

$$\lambda_i = h_i \frac{\sum_{j=1}^{n} W_j}{\sum_{j}^{n} W_j h_j}$$

L'azione tagliante sull'iesimo piano vale:

$$F_i = K_{hi} \times W_i$$

A tale azione tagliante viene poi associato (qualora il rapporto fra i lati *D* e *B* dell'edificio sia superiore a *2.5* in accordo al punto **C.6.1.2** delle norme citate) il momento torcente di piano:

$$M_i = \lambda \sum_{j=i}^{n} D_j F_j$$

Nel caso di analisi dinamica condotta per via *modale* il programma provvede al calcolo dei modi di vibrare della struttura facendo uso dell'algoritmo noto in letteratura tecnica come *Subspace Iteration*. Una volta *M-Ortonormalizzati* gli autovettori la risposta massima relativa all'*i-esimo* modo di vibrare viene valutata con la formula:

$$S_{iMax} = \frac{L_{ni} \times Sa(T_i)}{M_{ni} \times \omega_i^2}$$

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

nella quale:

$$Sa(T) = C \times R(T) \times \varepsilon \times \beta \times g$$

con:
C = (S-2)/100
$L_{ni} = \{f_i^T\}[M]\{I\}$ e
$M_{ni} = \{f_i^T\}[M]\{f_i^T\}$
I simboli che compaiono nelle espressioni precedenti hanno il seguente significato:
e
coefficiente di fondazione;
b
coefficiente di struttura;
g
accelerazione di gravità
w_i
i-esima frequenza associata all'*i-esimo* autovettore;
$R(T_i)$
coefficiente di risposta ricavato dallo spettro di *pseudoaccelerazioni* del regolamento;
S
Grado di sismicit&agrve;
f_i
i-esimo autovettore;
M
matrice delle masse;
I
vettore di trascinamento;
Per cui il campo di spostamenti indotto dall'*i-esimo* modo di vibrare sulla struttura vale:

$$V_i = \phi_i \times S_{Max}$$

Il programma per ogni direzione di ingresso del sisma quindi valuta il campo di spostamenti nodali e il campo di sollecitazioni nel generico elemento secondo la formula di quadratura:

$$S = \sqrt{\sum_{i=1}^{n} S_i^2}$$

dove:
n
numero di modi (>= 3) considerati in soluzione
S_i
generica componente di spostamento o di sollecitazione indotta dallo *i-esimo* modo di vibrare nell'elemento.
In output vengono inoltre riportate, per ogni direzione di ingresso del sisma e per ogni modo di vibrare, le cosiddette *masse modali efficaci*. In particolare considerando la *j-esima*

direzione di ingresso del sisma e denotando con il pedice *i* le grandezze relative allrsquo*i-esimo* modo di vibrare, vengono forniti in output la grandezze:

- Il modo di vibrare (si noti che per ogni direzione di ingresso il *sub-set* di modi di vibrare utilizzato può cambiare essendo i modi di vibrare scelti in modo tale da fornire il massimo fattore di partecipazione L_{ij}).
- Il fattore di partecipazione L_{ij} (altrimenti noto in letteratura tecnica come g_{ij}).
- Il rapporto percentuale fra il fattore di partecipazione del primo modo considerato ed il generico modo (pari a $100\ L_{ij}/L_{1j}$).
- La massa modale Em_{ij} efficace relativa allrsquo*i-esimo* modo ($Em_{ij}=L_{ij}^2/M_{ij}$).
- Il rapporto fra la massa modale efficace dellrsquo*i-esimo* modo e la massa modale efficace totale, calcolato come $100\ Em_{ij} / Em_{Tot\ j}$.
- La percentuale, cumulativa, della massa modale considerata sommando via via i contributi dovuti ai singoli modi di vibrare e pari a $100\ S_i\ (Em_{ij} / Em_{Totj})$. Tale valore è pari al 100% per un'analisi dinamica completa.

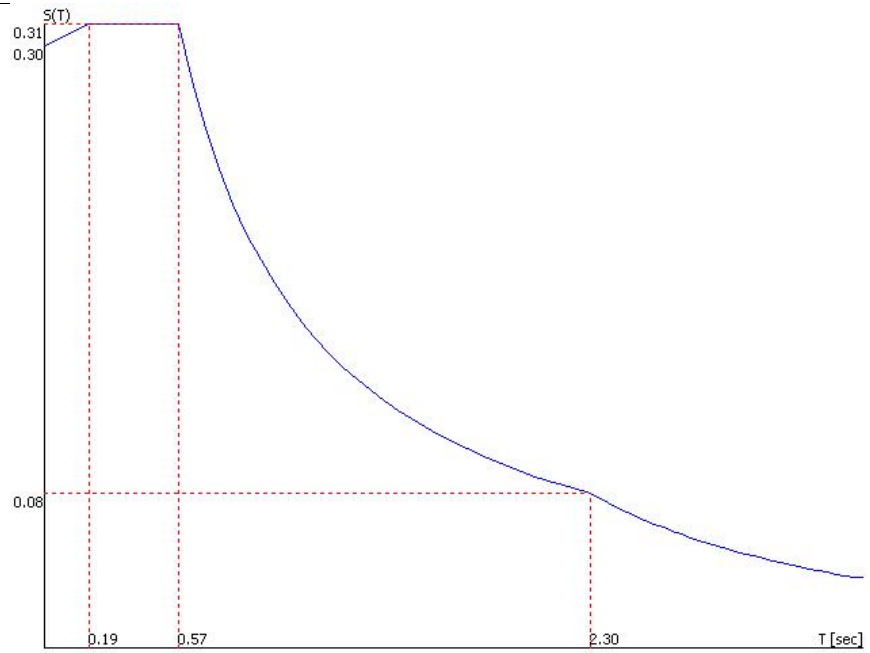
- Dati generali relativi all'analisi dinamica

- Spettro in accordo con TU 2008

- Schiavi di Abruzzo CH Longitudine 14.4856 Latitudine 41.8169
- Tipo di Terreno C
- Coefficiente di amplificazione topografica (ST) 1.2000
- Vita nominale della costruzione (VN) 50.0 anni
- Classe d'uso (CU) 1.0 (Categoria 2)
- Classe di duttilità impostata Bassa
- Fattore di struttura massimo qo per sisma orizzontale 3.00
- Fattore di duttilita K_R per sisma orizzontale 1.00
- Fattore K_R 0.80
- Fattore di struttura q per sisma orizzontale 2.40
- Fattore di struttura q per sisma verticale 1.50
- Smorzamento Viscoso (0.05 = 5%) 0.05

- TU 2008 SLV H

- Probabilità di superamento (PRV) 10.0 e periodo di ritorno (TR) 475 (anni)
- S_S 1.4
- T_B 0.19 [sec]
- T_C 0.57 [sec]
- T_D 2.30 [sec]
- a_g/g 0.1754
- F_o 2.4895
- T_C^* 0.3982



Fattori di partecipazione per il calcolo delle masse
Cond. Carico 1 peso proprio 1.0000
Cond. Carico 2 permanente 1.0000
Cond. Carico 3 qik 0.2000
Cond. Carico 4 Qik 0.2000
Angoli d'ingresso del Sisma

- SLV Direzione 1 Angolo in pianta 0.00 [°]
- SLV Direzione 2 Angolo in pianta 90.00 [°]
- SLV Direzione 3 Angolo in pianta 180.00 [°]
- SLV Direzione 4 Angolo in pianta 270.00 [°]

- Primi autovalori e modi di vibrare della struttura.

Modo	Autovalore	Frequenza [rad/sec]	Periodo [sec]	Coefficiente Risposta
1	5.81808e+003	76.276	0.08	0.3076
2	4.15715e+004	203.891	0.03	0.3045
3	4.22387e+004	205.521	0.03	0.3045
4	5.83346e+004	241.526	0.03	0.3043

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

5	5.91475e+004	243.203	0.03	0.3042
6	6.53947e+004	255.724	0.02	0.3042
7	1.07177e+005	327.379	0.02	0.3039
8	1.09877e+005	331.477	0.02	0.3038
9	1.13500e+005	336.898	0.02	0.3038
10	1.35869e+005	368.604	0.02	0.3037
11	1.55342e+005	394.135	0.02	0.3037
12	1.61543e+005	401.924	0.02	0.3036
13	1.68511e+005	410.501	0.02	0.3036
14	1.69687e+005	411.931	0.02	0.3036
15	1.78659e+005	422.680	0.01	0.3036
16	2.16928e+005	465.755	0.01	0.3035
17	2.46765e+005	496.754	0.01	0.3035
18	2.65892e+005	515.648	0.01	0.3034

- Direzione di Ingresso del Sisma 1 Angolo 0.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
12	4.80319e+001	100.0	2.30706e+003	15.2	15.2
7	3.06559e+001	63.8	9.39786e+002	6.2	21.5
17	-9.45122e+000	19.7	8.93256e+001	0.6	22.0
5	-6.87059e+000	14.3	4.72050e+001	0.3	22.4
13	-3.59461e-005	0.0	1.29212e-009	0.0	22.4
10	3.57184e-005	0.0	1.27580e-009	0.0	22.4
8	2.14229e-005	0.0	4.58940e-010	0.0	22.4
11	-1.76422e-005	0.0	3.11247e-010	0.0	22.4
15	1.71153e-005	0.0	2.92935e-010	0.0	22.4
9	-1.52439e-005	0.0	2.32377e-010	0.0	22.4
4	9.76111e-006	0.0	9.52793e-011	0.0	22.4
6	-9.53553e-006	0.0	9.09264e-011	0.0	22.4
16	7.05463e-006	0.0	4.97678e-011	0.0	22.4
18	4.28272e-006	0.0	1.83417e-011	0.0	22.4
14	-2.49519e-006	0.0	6.22595e-012	0.0	22.4
2	-6.20491e-007	0.0	3.85009e-013	0.0	22.4
3	2.70841e-007	0.0	7.33546e-014	0.0	22.4
1	1.04239e-007	0.0	1.08658e-014	0.0	22.4

- Direzione di Ingresso del Sisma 2 Angolo 90.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
1	1.10467e+002	100.0	1.22030e+004	80.7	80.7
3	3.07051e+001	27.8	9.42801e+002	6.2	86.9
14	-2.33557e+001	21.1	5.45491e+002	3.6	90.5
8	1.99166e+001	18.0	3.96670e+002	2.6	93.1

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

11	8.58939e+000	7.8	7.37777e+001	0.5	93.6
9	-1.06399e-004	0.0	1.13208e-008	0.0	93.6
13	6.19703e-005	0.0	3.84032e-009	0.0	93.6
2	-4.40626e-005	0.0	1.94151e-009	0.0	93.6
15	2.05863e-005	0.0	4.23796e-010	0.0	93.6
12	1.25945e-005	0.0	1.58621e-010	0.0	93.6
7	-7.19034e-006	0.0	5.17010e-011	0.0	93.6
18	5.79054e-006	0.0	3.35304e-011	0.0	93.6
16	-4.39957e-006	0.0	1.93562e-011	0.0	93.6
4	-3.90448e-006	0.0	1.52450e-011	0.0	93.6
17	-2.00583e-006	0.0	4.02336e-012	0.0	93.6
6	-1.62872e-006	0.0	2.65274e-012	0.0	93.6
10	1.21996e-006	0.0	1.48831e-012	0.0	93.6
5	-8.20148e-007	0.0	6.72642e-013	0.0	93.6

- Direzione di Ingresso del Sisma 3 Angolo 180.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
12	-4.80319e+001	100.0	2.30706e+003	15.2	15.2
7	-3.06559e+001	63.8	9.39786e+002	6.2	21.5
17	9.45122e+000	19.7	8.93256e+001	0.6	22.0
5	6.87059e+000	14.3	4.72050e+001	0.3	22.4
1	5.00026e-005	0.0	2.50026e-009	0.0	22.4
13	3.59461e-005	0.0	1.29212e-009	0.0	22.4
10	-3.57184e-005	0.0	1.27580e-009	0.0	22.4
11	2.15382e-005	0.0	4.63896e-010	0.0	22.4
15	-1.71153e-005	0.0	2.92934e-010	0.0	22.4
9	1.52439e-005	0.0	2.32376e-010	0.0	22.4
3	1.36567e-005	0.0	1.86505e-010	0.0	22.4
8	-1.23889e-005	0.0	1.53486e-010	0.0	22.4
4	-9.76111e-006	0.0	9.52793e-011	0.0	22.4
6	9.53553e-006	0.0	9.09264e-011	0.0	22.4
14	-8.09874e-006	0.0	6.55896e-011	0.0	22.4
16	-7.05463e-006	0.0	4.97678e-011	0.0	22.4
18	-4.28272e-006	0.0	1.83417e-011	0.0	22.4
2	6.20471e-007	0.0	3.84984e-013	0.0	22.4

- Direzione di Ingresso del Sisma 4 Angolo 270.00

- Coefficienti di partecipazione e masse modali efficaci per i vari modi di vibrare:

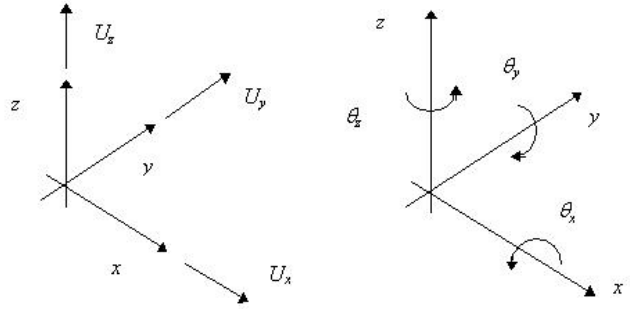
Modo	Li(gi)	|Li|/|L1|	Emi=Li^2/Mi	Emi/EmTot	Sum.Emi/EmTot
1	-1.10467e+002	100.0	1.22030e+004	80.7	80.7
3	-3.07051e+001	27.8	9.42801e+002	6.2	86.9

14	2.33557e+001	21.1	5.45491e+002	3.6	90.5
8	-1.99166e+001	18.0	3.96670e+002	2.6	93.1
11	-8.58939e+000	7.8	7.37777e+001	0.5	93.6
9	1.06399e-004	0.0	1.13208e-008	0.0	93.6
13	-6.19703e-005	0.0	3.84031e-009	0.0	93.6
2	4.40626e-005	0.0	1.94151e-009	0.0	93.6
12	-3.43812e-005	0.0	1.18207e-009	0.0	93.6
15	-2.05863e-005	0.0	4.23796e-010	0.0	93.6
7	-6.71488e-006	0.0	4.50896e-011	0.0	93.6
17	6.29281e-006	0.0	3.95995e-011	0.0	93.6
18	-5.79055e-006	0.0	3.35304e-011	0.0	93.6
16	4.39956e-006	0.0	1.93561e-011	0.0	93.6
5	3.93658e-006	0.0	1.54966e-011	0.0	93.6
4	3.90448e-006	0.0	1.52449e-011	0.0	93.6
6	1.62873e-006	0.0	2.65275e-012	0.0	93.6
10	-1.21998e-006	0.0	1.48835e-012	0.0	93.6

- Spostamenti nodali

- Convenzioni adottate

La terna di riferimento generale è destrorsa per cui si hanno i seguenti segni positivi per le componenti di spostamento nodale e per quanto riguarda le rotazioni:
:



Nel seguito vengono riportate, per ogni nodo (con esclusione dei nodi *K* che definiscono l'orientamento delle aste e quindi, essendo bloccati, hanno componenti di spostamento nulle), le componenti di spostamento in tutte le combinazioni di carico definite.

Nodo	Comb.	Ux [cm]	Uy [cm]	Uz [cm]	Rx [°]	Ry [°]	Rz [°]
1	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.01	0.00	0.00
	6	0.00	0.00	-0.01	0.01	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	0.00	0.00
	10	0.00	0.00	-0.01	-0.00	-0.00	0.00

	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
2	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	-0.00	0.00
	10	0.00	0.00	-0.01	-0.00	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
3	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	-0.00	0.00
	10	0.00	0.00	-0.01	-0.00	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
4	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
5	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	-0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
6	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00

	5	0.00	0.00	-0.01	-0.00	-0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
7	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	-0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
8	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	-0.00	0.00
	6	0.00	0.00	-0.01	0.00	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	0.00	0.00
	10	0.00	0.00	-0.01	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
9	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	-0.00	0.00
	6	0.00	0.00	-0.01	0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	0.00	0.00
	10	0.00	0.00	-0.01	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
10	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.01	-0.00	0.00
	6	0.00	0.00	-0.01	0.01	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	0.00	0.00
	10	0.00	0.00	-0.01	-0.00	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00

	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
11	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.01	0.00	0.00
	10	0.00	0.00	-0.01	-0.01	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
12	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	-0.00	0.00
	6	0.00	0.00	-0.01	0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	0.00	0.00
	10	0.00	0.00	-0.01	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
13	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	-0.00	0.00
	6	0.00	0.00	-0.01	0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	0.00	0.00
	10	0.00	0.00	-0.01	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
14	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
15	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	-0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00

	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
16	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	-0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
17	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	-0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
18	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	-0.00	0.00
	10	0.00	0.00	-0.01	-0.00	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
19	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	-0.00	0.00
	10	0.00	0.00	-0.01	-0.00	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
20	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00

	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.01	-0.00	0.00
	10	0.00	0.00	-0.01	-0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
21	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.01	-0.00	0.00
	6	0.00	0.00	-0.01	0.01	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	-0.00	0.00
	10	0.00	0.00	-0.01	-0.00	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
22	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	0.00	0.00
	7	0.00	0.00	-0.01	0.00	0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	-0.00	0.00
	10	0.00	0.00	-0.01	-0.00	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
23	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	-0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
24	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00

	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
25	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	-0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
26	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	-0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
27	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	-0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	-0.00	0.00
	6	0.00	0.00	-0.01	0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	0.00	0.00
	10	0.00	0.00	-0.01	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
28	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.01	0.00	0.00
	6	0.00	0.00	-0.01	0.01	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	0.00	0.00
	10	0.00	0.00	-0.01	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
29	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	-0.00	0.00
	6	0.00	0.00	-0.01	0.00	-0.00	0.00

	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.01	-0.00	0.00
	10	0.00	0.00	-0.01	-0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
30	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	-0.00	0.00
	6	0.00	0.00	-0.01	0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	0.00	0.00
	9	0.00	0.00	-0.01	-0.00	0.00	0.00
	10	0.00	0.00	-0.01	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
31	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	-0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
32	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	0.00	0.00
	10	0.00	0.00	-0.01	0.00	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
33	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	-0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	-0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00

34	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	0.00	0.00	-0.01	-0.00	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.00	-0.00	0.00
	10	0.00	0.00	-0.01	0.00	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
35	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	-0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.00	-0.00	0.00
	10	0.00	0.00	-0.01	-0.00	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
36	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	0.00	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.00	-0.01	0.00	0.00	0.00
	6	0.00	0.00	-0.01	0.00	0.00	0.00
	7	0.00	0.00	-0.01	0.00	-0.00	0.00
	8	0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	0.00	-0.01	-0.01	0.00	0.00
	10	0.00	0.00	-0.01	-0.01	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
37	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.00	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.02	0.00	0.00
	6	0.00	0.00	-0.00	-0.02	0.00	0.00
	7	0.00	0.00	-0.01	-0.01	0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	0.00	0.00
	10	0.00	0.00	-0.01	0.01	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
38	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.02	0.00	0.00
	6	0.00	0.00	-0.00	-0.02	0.00	0.00
	7	0.00	0.00	-0.01	-0.01	0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	0.00	0.00
	10	0.00	0.00	-0.01	0.01	0.00	0.00

	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
39	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.01	0.00	0.00
	6	0.00	0.00	-0.00	-0.02	0.00	0.00
	7	0.00	0.00	-0.01	-0.01	0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	0.00	0.00
	10	0.00	0.00	-0.01	0.01	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
40	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.01	0.00	0.00
	6	0.00	0.00	-0.00	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.01	0.00	0.00
	8	0.00	0.00	-0.01	0.00	0.00	0.00
	9	0.00	0.00	-0.01	0.01	0.00	0.00
	10	0.00	0.00	-0.01	0.01	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
41	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.01	0.00	0.00
	6	0.00	0.00	-0.00	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.01	0.00	0.00
	8	0.00	0.00	-0.01	0.00	0.00	0.00
	9	0.00	0.00	-0.01	0.01	0.00	0.00
	10	0.00	0.00	-0.01	0.01	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
42	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.01	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.01	-0.00	-0.01	0.00	0.01
	6	0.00	0.01	-0.00	-0.01	0.00	0.01
	7	-0.00	0.01	-0.01	-0.00	0.00	0.00
	8	-0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.01	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	-0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
43	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.01	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00

	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	0.00	0.02	-0.00	-0.01	0.00	0.00
	7	-0.00	0.01	-0.01	-0.01	-0.00	0.00
	8	-0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.01	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
44	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.01	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	0.00	0.03	-0.00	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	-0.01	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.01	-0.01	0.01	0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
45	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.02	-0.01	-0.01	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	0.00	0.03	-0.00	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	-0.01	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.01	-0.01	0.01	0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
46	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	0.00	-0.01	-0.00	0.00	-0.00
	5	-0.00	0.03	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	9	0.00	-0.01	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
47	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	0.00	-0.01	-0.00	0.00	-0.00
	5	-0.00	0.03	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	9	0.00	-0.01	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00

	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
48	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	0.00	0.01	-0.01	-0.01	0.00	-0.00
	4	0.00	0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.02	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.01	-0.01	-0.01	-0.00	-0.00
	8	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	9	0.00	-0.01	-0.01	0.01	0.00	0.00
	10	-0.00	-0.01	-0.01	0.01	0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
49	1	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	0.00	0.01	-0.01	-0.00	-0.00	-0.00
	4	0.00	0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.01	-0.00	-0.01	-0.00	-0.01
	6	-0.00	0.01	-0.00	-0.01	-0.00	-0.01
	7	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	8	-0.00	0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.01	-0.01	0.01	0.00	0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
50	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.01	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	-0.00	0.00
	5	0.00	0.00	-0.00	-0.01	-0.00	0.00
	6	0.00	0.00	-0.00	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	-0.00	0.00
	10	0.00	0.00	-0.01	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
51	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.01	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	-0.00	0.00
	5	0.00	0.00	-0.00	-0.01	-0.00	0.00
	6	0.00	0.00	-0.00	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.01	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	-0.00	0.00
	10	0.00	0.00	-0.01	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
52	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.01	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.02	-0.00	0.00
	6	0.00	0.00	-0.00	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.01	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00

	9	0.00	0.00	-0.01	0.01	-0.00	0.00
	10	0.00	0.00	-0.01	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
53	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.01	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.02	-0.00	0.00
	6	0.00	0.00	-0.00	-0.02	-0.00	0.00
	7	0.00	0.00	-0.01	-0.01	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	-0.00	0.00
	10	0.00	0.00	-0.01	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
54	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.01	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.02	-0.00	0.00
	6	0.00	0.00	-0.00	-0.02	-0.00	0.00
	7	0.00	0.00	-0.00	-0.01	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	-0.00	0.00
	10	0.00	0.00	-0.01	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
55	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.00	0.01	0.00	0.00
	5	0.00	0.00	-0.01	-0.01	0.00	0.00
	6	0.00	0.00	-0.01	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	0.00	0.00
	9	0.00	0.00	-0.00	0.02	0.00	0.00
	10	0.00	0.00	-0.00	0.02	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
56	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	0.00	0.00
	5	0.00	0.00	-0.01	-0.01	0.00	0.00
	6	0.00	0.00	-0.01	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	0.00	0.00
	9	0.00	0.00	-0.00	0.02	0.00	0.00
	10	0.00	0.00	-0.00	0.02	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
57	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00

	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	0.00	0.00
	5	0.00	0.00	-0.01	-0.01	0.00	0.00
	6	0.00	0.00	-0.01	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	0.00	0.00
	9	0.00	0.00	-0.00	0.01	0.00	0.00
	10	0.00	0.00	-0.00	0.02	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
58	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	0.00	0.00
	5	0.00	0.00	-0.01	-0.01	0.00	0.00
	6	0.00	0.00	-0.01	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	0.00	0.00
	8	0.00	0.00	-0.01	0.01	0.00	0.00
	9	0.00	0.00	-0.00	0.01	0.00	0.00
	10	0.00	0.00	-0.00	0.01	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
59	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.01	-0.01	0.00	0.00
	6	0.00	0.00	-0.01	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	0.00	0.00
	8	0.00	0.00	-0.01	0.01	0.00	0.00
	9	0.00	0.00	-0.00	0.01	0.00	0.00
	10	0.00	0.00	-0.00	0.01	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
60	1	0.00	-0.00	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	-0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.01	-0.01	0.00	0.00	-0.00
	5	0.00	0.01	-0.01	-0.01	0.00	0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	0.00
	7	-0.00	-0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.01	-0.01	0.00	0.00	-0.00
	9	0.00	-0.01	-0.00	0.01	0.00	-0.01
	10	0.00	-0.01	-0.00	0.01	0.00	-0.01
	11	0.00	-0.00	-0.01	0.00	0.00	-0.00
	12	0.00	-0.00	-0.01	0.00	0.00	-0.00
	13	0.00	-0.00	-0.01	0.00	0.00	-0.00
	14	0.00	-0.00	-0.01	0.00	0.00	-0.00
	15	0.00	-0.00	-0.01	0.00	0.00	-0.00
	16	0.00	-0.00	-0.01	0.00	0.00	-0.00
61	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	-0.00	-0.01	0.00	0.00	-0.00
	4	0.00	-0.01	-0.01	0.01	0.00	-0.00
	5	0.00	0.01	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	0.00
	7	-0.00	-0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.01	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	0.00	-0.02	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00

	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
62	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.01	0.00	-0.00
	3	0.00	-0.00	-0.01	0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.01	-0.01	-0.01	0.00	0.00
	6	-0.00	0.01	-0.01	-0.01	0.00	0.00
	7	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	0.00	-0.03	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
63	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.02	-0.01	0.01	0.00	-0.00
	3	0.00	-0.00	-0.01	0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.01	-0.01	-0.01	0.00	0.00
	6	-0.00	0.01	-0.01	-0.01	0.00	0.00
	7	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	0.00	-0.03	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
64	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	3	0.00	-0.00	-0.01	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.01	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	-0.00
	7	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.03	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
65	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.01	-0.00	0.00
	3	0.00	-0.00	-0.01	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.01	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	-0.00
	7	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.03	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
66	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	-0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.01	-0.01	0.01	0.00	0.00
	5	0.00	0.01	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.01	-0.01	-0.01	0.00	-0.00

	7	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	8	-0.00	-0.01	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.02	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
67	1	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	-0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.01	-0.01	0.00	-0.00	0.00
	5	0.00	0.01	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	-0.00
	7	-0.00	-0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	9	-0.00	-0.01	-0.00	0.01	-0.00	0.01
	10	-0.00	-0.01	-0.00	0.01	-0.00	0.01
	11	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.00	-0.01	0.00	-0.00	0.00
68	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	-0.00	0.00
	4	0.00	0.00	-0.01	0.01	-0.00	0.00
	5	0.00	0.00	-0.01	-0.01	-0.00	0.00
	6	0.00	0.00	-0.01	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.00	0.01	-0.00	0.00
	10	0.00	0.00	-0.00	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
69	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	-0.00	0.00
	4	0.00	0.00	-0.01	0.01	-0.00	0.00
	5	0.00	0.00	-0.01	-0.01	-0.00	0.00
	6	0.00	0.00	-0.01	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	-0.00	0.00
	9	0.00	0.00	-0.00	0.01	-0.00	0.00
	10	0.00	0.00	-0.00	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
70	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	-0.00	0.00
	5	0.00	0.00	-0.01	-0.01	-0.00	0.00
	6	0.00	0.00	-0.01	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	-0.00	0.00
	9	0.00	0.00	-0.00	0.02	-0.00	0.00
	10	0.00	0.00	-0.00	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00

71	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	-0.00	0.00
	5	0.00	0.00	-0.01	-0.01	-0.00	0.00
	6	0.00	0.00	-0.01	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	-0.00	0.00
	9	0.00	0.00	-0.00	0.02	-0.00	0.00
	10	0.00	0.00	-0.00	0.02	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
72	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	-0.00	0.00
	5	0.00	0.00	-0.01	-0.01	-0.00	0.00
	6	0.00	0.00	-0.01	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.00	0.01	-0.00	0.00
	9	0.00	0.00	-0.00	0.02	-0.00	0.00
	10	0.00	0.00	-0.00	0.02	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
73	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.00	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.02	0.00	0.00
	6	0.00	0.00	-0.00	-0.02	0.00	0.00
	7	0.00	0.00	-0.01	-0.01	0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	0.00	0.00
	10	0.00	0.00	-0.01	0.01	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
74	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.02	0.00	0.00
	6	0.00	0.00	-0.00	-0.02	0.00	0.00
	7	0.00	0.00	-0.01	-0.01	0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	0.00	0.00
	10	0.00	0.00	-0.01	0.01	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
75	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.01	0.00	0.00
	6	0.00	0.00	-0.00	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.01	0.00	0.00
	8	0.00	0.00	-0.01	0.00	0.00	0.00
	9	0.00	0.00	-0.01	0.01	0.00	0.00
	10	0.00	0.00	-0.01	0.01	0.00	0.00

	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
76	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.01	0.00	0.00
	6	0.00	0.00	-0.00	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.01	0.00	0.00
	8	0.00	0.00	-0.01	0.00	0.00	0.00
	9	0.00	0.00	-0.01	0.01	0.00	0.00
	10	0.00	0.00	-0.01	0.01	0.00	0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
77	1	0.00	0.00	-0.01	-0.00	0.00	0.00
	2	0.00	0.00	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.01	-0.00	-0.01	0.00	0.01
	6	0.00	0.01	-0.00	-0.01	0.00	0.01
	7	-0.00	0.00	-0.01	-0.00	0.00	0.00
	8	-0.00	0.00	-0.01	0.00	0.00	0.00
	9	0.00	-0.00	-0.01	0.00	0.00	-0.00
	10	-0.00	-0.00	-0.01	0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.00	0.00	0.00
	12	0.00	0.00	-0.01	-0.00	0.00	0.00
	13	0.00	0.00	-0.01	-0.00	0.00	0.00
	14	0.00	0.00	-0.01	-0.00	0.00	0.00
	15	0.00	0.00	-0.01	-0.00	0.00	0.00
	16	0.00	0.00	-0.01	-0.00	0.00	0.00
78	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.01	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.02	-0.01	-0.01	0.00	0.00
	6	0.00	0.02	-0.00	-0.01	0.00	0.00
	7	-0.00	0.01	-0.01	-0.00	0.00	0.00
	8	-0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.01	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
79	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	0.00	0.03	-0.00	-0.01	0.00	0.00
	7	-0.00	0.01	-0.01	-0.01	-0.00	0.00
	8	-0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.01	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
80	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.02	-0.01	-0.01	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	0.00	-0.01	-0.00	0.00	0.00

	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	0.00	0.03	-0.00	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	9	0.00	-0.01	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.01	-0.01	0.01	0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
81	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	0.00	-0.01	-0.00	0.00	-0.00
	5	-0.00	0.03	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	9	0.00	-0.01	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
82	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	0.00	0.01	-0.01	-0.01	0.00	-0.00
	4	0.00	0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.03	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	9	0.00	-0.01	-0.01	0.01	0.00	0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
83	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	0.00	0.01	-0.01	-0.00	-0.00	-0.00
	4	0.00	0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.02	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.01	-0.01	-0.01	-0.00	-0.00
	8	-0.00	0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.01	-0.01	0.01	0.00	0.00
	10	-0.00	-0.01	-0.01	0.01	-0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
84	1	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	-0.00	-0.00
	4	0.00	0.00	-0.01	0.00	-0.00	-0.00
	5	-0.00	0.01	-0.00	-0.01	-0.00	-0.01
	6	-0.00	0.01	-0.00	-0.01	-0.00	-0.01
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.00	-0.01	0.00	-0.00	0.00
	10	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.00	-0.01	-0.00	-0.00	-0.00

	15	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
85	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.01	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	-0.00	0.00
	5	0.00	0.00	-0.00	-0.01	-0.00	0.00
	6	0.00	0.00	-0.00	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.01	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	-0.00	0.00
	10	0.00	0.00	-0.01	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
86	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.01	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	-0.00	0.00
	5	0.00	0.00	-0.00	-0.01	-0.00	0.00
	6	0.00	0.00	-0.00	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.01	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	-0.00	0.00
	10	0.00	0.00	-0.01	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
87	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.01	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.02	-0.00	0.00
	6	0.00	0.00	-0.00	-0.02	-0.00	0.00
	7	0.00	0.00	-0.01	-0.01	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	-0.00	0.00
	10	0.00	0.00	-0.01	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
88	1	0.00	0.00	-0.01	-0.00	-0.00	0.00
	2	0.00	0.00	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.01	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.00	-0.00	-0.02	-0.00	0.00
	6	0.00	0.00	-0.00	-0.02	-0.00	0.00
	7	0.00	0.00	-0.00	-0.01	-0.00	0.00
	8	0.00	0.00	-0.01	0.00	-0.00	0.00
	9	0.00	0.00	-0.01	0.01	-0.00	0.00
	10	0.00	0.00	-0.01	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	-0.00	-0.00	0.00
	12	0.00	0.00	-0.01	-0.00	-0.00	0.00
	13	0.00	0.00	-0.01	-0.00	-0.00	0.00
	14	0.00	0.00	-0.01	-0.00	-0.00	0.00
	15	0.00	0.00	-0.01	-0.00	-0.00	0.00
	16	0.00	0.00	-0.01	-0.00	-0.00	0.00
89	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.00	0.01	0.00	0.00
	5	0.00	0.00	-0.01	-0.01	0.00	0.00
	6	0.00	0.00	-0.01	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	0.00	0.00

	9	0.00	0.00	-0.00	0.02	0.00	0.00
	10	0.00	0.00	-0.00	0.02	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
90	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	0.00	0.00
	5	0.00	0.00	-0.01	-0.01	0.00	0.00
	6	0.00	0.00	-0.01	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	0.00	0.00
	9	0.00	0.00	-0.00	0.02	0.00	0.00
	10	0.00	0.00	-0.00	0.02	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
91	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	0.00	0.00
	5	0.00	0.00	-0.01	-0.01	0.00	0.00
	6	0.00	0.00	-0.01	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	0.00	0.00
	8	0.00	0.00	-0.01	0.01	0.00	0.00
	9	0.00	0.00	-0.00	0.01	0.00	0.00
	10	0.00	0.00	-0.00	0.01	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
92	1	0.00	0.00	-0.01	0.00	0.00	0.00
	2	0.00	0.00	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	0.00	0.00
	5	0.00	0.00	-0.01	-0.01	0.00	0.00
	6	0.00	0.00	-0.01	-0.01	0.00	0.00
	7	0.00	0.00	-0.01	-0.00	0.00	0.00
	8	0.00	0.00	-0.01	0.01	0.00	0.00
	9	0.00	0.00	-0.00	0.01	0.00	0.00
	10	0.00	0.00	-0.00	0.01	0.00	0.00
	11	0.00	0.00	-0.01	0.00	0.00	0.00
	12	0.00	0.00	-0.01	0.00	0.00	0.00
	13	0.00	0.00	-0.01	0.00	0.00	0.00
	14	0.00	0.00	-0.01	0.00	0.00	0.00
	15	0.00	0.00	-0.01	0.00	0.00	0.00
	16	0.00	0.00	-0.01	0.00	0.00	0.00
93	1	0.00	-0.00	-0.01	0.00	0.00	-0.00
	2	0.00	-0.00	-0.01	0.00	0.00	-0.00
	3	0.00	-0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	0.00	0.00	-0.01	-0.00	0.00	0.00
	6	-0.00	0.00	-0.01	-0.00	0.00	0.00
	7	-0.00	-0.00	-0.01	-0.00	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	0.00	-0.00
	9	0.00	-0.01	-0.00	0.01	0.00	-0.01
	10	0.00	-0.01	-0.00	0.01	0.00	-0.01
	11	0.00	-0.00	-0.01	0.00	0.00	-0.00
	12	0.00	-0.00	-0.01	0.00	0.00	-0.00
	13	0.00	-0.00	-0.01	0.00	0.00	-0.00
	14	0.00	-0.00	-0.01	0.00	0.00	-0.00
	15	0.00	-0.00	-0.01	0.00	0.00	-0.00
	16	0.00	-0.00	-0.01	0.00	0.00	-0.00
94	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00

	3	0.00	-0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.01	-0.01	0.01	0.00	-0.00
	5	0.00	0.01	-0.01	-0.01	0.00	0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	0.00
	7	-0.00	-0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.01	-0.01	0.00	0.00	-0.00
	9	0.00	-0.02	-0.01	0.01	0.00	-0.00
	10	0.00	-0.02	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
95	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	-0.00	-0.01	0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.01	-0.01	-0.01	0.00	0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	0.00
	7	-0.00	-0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.01	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	0.00	-0.03	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
96	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.02	-0.01	0.01	0.00	-0.00
	3	0.00	-0.00	-0.01	0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.01	-0.01	-0.01	0.00	0.00
	6	-0.00	0.01	-0.01	-0.01	0.00	0.00
	7	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	0.00	-0.03	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
97	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	3	0.00	-0.00	-0.01	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.01	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	-0.00
	7	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.03	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
98	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	-0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.01	-0.01	0.01	0.00	0.00
	5	0.00	0.01	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	-0.00
	7	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.03	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00

	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
99	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	-0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.01	-0.01	0.00	-0.00	0.00
	5	0.00	0.01	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.01	-0.01	-0.01	-0.00	-0.00
	7	-0.00	-0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.01	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.02	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
100	1	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	3	0.00	-0.00	-0.01	-0.00	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	-0.00	0.00
	5	0.00	0.00	-0.01	-0.00	-0.00	-0.00
	6	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	7	-0.00	-0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	-0.00	-0.01	-0.00	0.01	-0.00	0.01
	10	-0.00	-0.01	-0.00	0.01	-0.00	0.01
	11	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.00	-0.01	0.00	-0.00	0.00
101	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	-0.00	0.00
	4	0.00	0.00	-0.01	0.01	-0.00	0.00
	5	0.00	0.00	-0.01	-0.01	-0.00	0.00
	6	0.00	0.00	-0.01	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	-0.00	0.00
	9	0.00	0.00	-0.00	0.01	-0.00	0.00
	10	0.00	0.00	-0.00	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
102	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	-0.00	0.00
	4	0.00	0.00	-0.01	0.01	-0.00	0.00
	5	0.00	0.00	-0.01	-0.01	-0.00	0.00
	6	0.00	0.00	-0.01	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	-0.00	0.00
	9	0.00	0.00	-0.00	0.01	-0.00	0.00
	10	0.00	0.00	-0.00	0.01	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
103	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	-0.00	0.00
	5	0.00	0.00	-0.01	-0.01	-0.00	0.00
	6	0.00	0.00	-0.01	-0.01	-0.00	0.00

	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.01	0.01	-0.00	0.00
	9	0.00	0.00	-0.00	0.02	-0.00	0.00
	10	0.00	0.00	-0.00	0.02	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
104	1	0.00	0.00	-0.01	0.00	-0.00	0.00
	2	0.00	0.00	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	0.00	-0.01	0.01	-0.00	0.00
	5	0.00	0.00	-0.01	-0.01	-0.00	0.00
	6	0.00	0.00	-0.01	-0.01	-0.00	0.00
	7	0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	0.00	-0.00	0.01	-0.00	0.00
	9	0.00	0.00	-0.00	0.02	-0.00	0.00
	10	0.00	0.00	-0.00	0.02	-0.00	0.00
	11	0.00	0.00	-0.01	0.00	-0.00	0.00
	12	0.00	0.00	-0.01	0.00	-0.00	0.00
	13	0.00	0.00	-0.01	0.00	-0.00	0.00
	14	0.00	0.00	-0.01	0.00	-0.00	0.00
	15	0.00	0.00	-0.01	0.00	-0.00	0.00
	16	0.00	0.00	-0.01	0.00	-0.00	0.00
105	1	0.00	0.01	-0.01	-0.00	0.00	-0.00
	2	0.00	0.01	-0.01	-0.00	0.00	-0.00
	3	0.00	0.02	-0.00	-0.01	0.00	-0.00
	4	0.00	-0.01	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.01	0.00	-0.00
	6	0.00	0.04	-0.00	-0.01	0.00	-0.00
	7	0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	0.00	0.01	-0.01	-0.00	0.00	-0.00
	12	0.00	0.01	-0.01	-0.00	0.00	-0.00
	13	0.00	0.01	-0.01	-0.00	0.00	-0.00
	14	0.00	0.01	-0.01	-0.00	0.00	-0.00
	15	0.00	0.01	-0.01	-0.00	0.00	-0.00
	16	0.00	0.01	-0.01	-0.00	0.00	-0.00
106	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.02	-0.00	-0.01	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.02	0.00	0.00
	6	0.00	0.04	-0.00	-0.02	0.00	-0.00
	7	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
107	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.02	-0.00	-0.01	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.01	0.00	0.00
	6	0.00	0.04	-0.00	-0.01	0.00	-0.00
	7	0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	0.00	0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00

108	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.02	-0.00	-0.01	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.02	0.00	-0.00
	6	0.00	0.04	-0.00	-0.02	0.00	-0.00
	7	0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
109	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.02	0.00	-0.00
	6	0.00	0.04	-0.00	-0.02	0.00	-0.00
	7	0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
110	1	0.00	0.01	-0.01	-0.00	0.00	-0.00
	2	0.00	0.01	-0.01	-0.00	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.02	0.00	-0.00
	6	0.00	0.04	-0.00	-0.02	0.00	-0.00
	7	0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	0.00	0.01	-0.01	-0.00	0.00	-0.00
	12	0.00	0.01	-0.01	-0.00	0.00	-0.00
	13	0.00	0.01	-0.01	-0.00	0.00	-0.00
	14	0.00	0.01	-0.01	-0.00	0.00	-0.00
	15	0.00	0.01	-0.01	-0.00	0.00	-0.00
	16	0.00	0.01	-0.01	-0.00	0.00	-0.00
111	1	0.00	0.01	-0.01	-0.00	0.00	-0.00
	2	0.00	0.01	-0.01	-0.00	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.02	0.00	-0.00
	6	0.00	0.04	-0.00	-0.02	0.00	-0.00
	7	0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	0.00	0.01	-0.01	-0.00	0.00	-0.00
	12	0.00	0.01	-0.01	-0.00	0.00	-0.00
	13	0.00	0.01	-0.01	-0.00	0.00	-0.00
	14	0.00	0.01	-0.01	-0.00	0.00	-0.00
	15	0.00	0.01	-0.01	-0.00	0.00	-0.00
	16	0.00	0.01	-0.01	-0.00	0.00	-0.00
112	1	0.00	0.01	-0.01	-0.00	0.00	-0.00
	2	0.00	0.01	-0.01	-0.00	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.02	0.00	-0.00
	6	0.00	0.04	-0.00	-0.02	0.00	-0.00
	7	0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00

	11	0.00	0.01	-0.01	-0.00	0.00	-0.00
	12	0.00	0.01	-0.01	-0.00	0.00	-0.00
	13	0.00	0.01	-0.01	-0.00	0.00	-0.00
	14	0.00	0.01	-0.01	-0.00	0.00	-0.00
	15	0.00	0.01	-0.01	-0.00	0.00	-0.00
	16	0.00	0.01	-0.01	-0.00	0.00	-0.00
113	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.02	0.00	0.00
	6	0.00	0.04	-0.00	-0.02	0.00	0.00
	7	0.00	0.02	-0.01	-0.01	0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
114	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.02	0.00	0.00
	6	0.00	0.04	-0.00	-0.02	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
115	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.01	-0.01	-0.00	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.04	-0.00	-0.01	0.00	0.00
	6	0.00	0.04	-0.00	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.00	0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
116	1	0.00	0.01	-0.01	-0.00	0.00	0.00
	2	0.00	0.02	-0.01	-0.00	0.00	0.00
	3	0.00	0.02	-0.01	-0.00	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.05	-0.00	-0.01	0.00	0.00
	6	0.00	0.05	-0.00	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.00	0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	0.00	0.00
	12	0.00	0.01	-0.01	-0.00	0.00	0.00
	13	0.00	0.01	-0.01	-0.00	0.00	0.00
	14	0.00	0.01	-0.01	-0.00	0.00	0.00
	15	0.00	0.01	-0.01	-0.00	0.00	0.00
	16	0.00	0.01	-0.01	-0.00	0.00	0.00
117	1	0.00	0.01	-0.01	-0.00	-0.00	0.00
	2	0.00	0.02	-0.01	-0.00	-0.00	0.00
	3	0.00	0.02	-0.01	-0.00	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00

	5	0.00	0.05	-0.00	-0.01	0.00	0.00
	6	0.00	0.05	-0.00	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	-0.00	-0.00	0.00
	12	0.00	0.01	-0.01	-0.00	-0.00	0.00
	13	0.00	0.01	-0.01	-0.00	-0.00	0.00
	14	0.00	0.01	-0.01	-0.00	-0.00	0.00
	15	0.00	0.01	-0.01	-0.00	-0.00	0.00
	16	0.00	0.01	-0.01	-0.00	-0.00	0.00
118	1	0.00	0.02	-0.01	0.00	0.00	0.00
	2	0.00	0.02	-0.01	0.00	0.00	0.00
	3	0.00	0.03	-0.01	-0.00	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	0.00	0.06	-0.00	-0.01	0.00	0.00
	6	0.00	0.06	-0.00	-0.01	0.00	0.00
	7	-0.00	0.03	-0.01	-0.00	0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	0.00	0.00	0.00
	12	0.00	0.01	-0.01	0.00	0.00	0.00
	13	0.00	0.01	-0.01	0.00	0.00	0.00
	14	0.00	0.01	-0.01	0.00	0.00	0.00
	15	0.00	0.01	-0.01	0.00	0.00	0.00
	16	0.00	0.01	-0.01	0.00	0.00	0.00
119	1	0.00	0.02	-0.01	0.00	-0.00	0.00
	2	0.00	0.02	-0.01	0.00	-0.00	0.00
	3	0.00	0.03	-0.01	-0.00	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	-0.00	0.00
	5	0.00	0.06	-0.00	-0.01	-0.00	0.00
	6	0.00	0.06	-0.00	-0.01	-0.00	0.00
	7	-0.00	0.03	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	0.00	-0.00	0.00
	12	0.00	0.01	-0.01	0.00	-0.00	0.00
	13	0.00	0.01	-0.01	0.00	-0.00	0.00
	14	0.00	0.01	-0.01	0.00	-0.00	0.00
	15	0.00	0.01	-0.01	0.00	-0.00	0.00
	16	0.00	0.01	-0.01	0.00	-0.00	0.00
120	1	0.00	0.02	-0.01	0.00	-0.00	0.00
	2	0.00	0.02	-0.01	0.00	-0.00	0.00
	3	0.00	0.03	-0.01	-0.00	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	-0.00	0.00
	5	0.00	0.06	-0.00	-0.01	-0.00	0.00
	6	0.00	0.06	-0.00	-0.01	-0.00	0.00
	7	-0.00	0.03	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	0.00	-0.00	0.00
	12	0.00	0.01	-0.01	0.00	-0.00	0.00
	13	0.00	0.01	-0.01	0.00	-0.00	0.00
	14	0.00	0.01	-0.01	0.00	-0.00	0.00
	15	0.00	0.01	-0.01	0.00	-0.00	0.00
	16	0.00	0.01	-0.01	0.00	-0.00	0.00
121	1	0.00	0.02	-0.01	0.00	-0.00	0.00
	2	0.00	0.02	-0.01	0.00	-0.00	0.00
	3	0.00	0.03	-0.01	-0.00	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	-0.00	0.00
	5	0.00	0.06	-0.00	-0.01	-0.00	0.00
	6	0.00	0.06	-0.00	-0.01	-0.00	0.00
	7	-0.00	0.03	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.01	-0.01	0.00	-0.00	0.00
	12	0.00	0.01	-0.01	0.00	-0.00	0.00
	13	0.00	0.01	-0.01	0.00	-0.00	0.00
	14	0.00	0.01	-0.01	0.00	-0.00	0.00

	15	0.00	0.01	-0.01	0.00	-0.00	0.00
	16	0.00	0.01	-0.01	0.00	-0.00	0.00
122	1	0.00	0.02	-0.01	0.00	-0.00	0.00
	2	0.00	0.02	-0.01	0.00	-0.00	0.00
	3	0.00	0.03	-0.01	-0.00	-0.00	0.00
	4	0.00	0.00	-0.01	0.00	-0.00	0.00
	5	0.00	0.06	-0.00	-0.00	-0.00	0.00
	6	-0.00	0.06	-0.00	-0.00	-0.00	0.00
	7	-0.00	0.03	-0.01	0.00	-0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	0.00	0.02	-0.01	0.00	-0.00	0.00
	12	0.00	0.02	-0.01	0.00	-0.00	0.00
	13	0.00	0.02	-0.01	0.00	-0.00	0.00
	14	0.00	0.02	-0.01	0.00	-0.00	0.00
	15	0.00	0.02	-0.01	0.00	-0.00	0.00
	16	0.00	0.02	-0.01	0.00	-0.00	0.00
123	1	0.00	0.02	-0.01	0.00	0.00	-0.00
	2	0.00	0.02	-0.01	0.00	0.00	-0.00
	3	0.00	0.03	-0.01	0.00	-0.00	-0.00
	4	0.00	0.00	-0.01	0.00	-0.00	-0.00
	5	0.00	0.07	-0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	-0.00	0.00	0.00
	7	-0.00	0.03	-0.01	0.00	0.00	0.00
	8	-0.00	0.00	-0.01	0.00	0.00	0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	0.00
	11	0.00	0.02	-0.01	0.00	0.00	-0.00
	12	0.00	0.02	-0.01	0.00	0.00	-0.00
	13	0.00	0.02	-0.01	0.00	0.00	-0.00
	14	0.00	0.02	-0.01	0.00	0.00	-0.00
	15	0.00	0.02	-0.01	0.00	0.00	-0.00
	16	0.00	0.02	-0.01	0.00	0.00	-0.00
124	1	-0.00	0.02	-0.01	0.00	0.00	-0.00
	2	-0.00	0.02	-0.01	0.00	0.00	-0.00
	3	0.00	0.03	-0.01	0.00	0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	0.00	0.06	-0.00	-0.00	0.00	-0.00
	6	-0.00	0.06	-0.00	-0.00	0.00	-0.00
	7	-0.00	0.03	-0.01	-0.00	0.00	-0.00
	8	-0.00	0.00	-0.01	0.00	0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	0.00
	11	-0.00	0.02	-0.01	0.00	0.00	-0.00
	12	-0.00	0.02	-0.01	0.00	0.00	-0.00
	13	-0.00	0.02	-0.01	0.00	0.00	-0.00
	14	-0.00	0.02	-0.01	0.00	0.00	-0.00
	15	-0.00	0.02	-0.01	0.00	0.00	-0.00
	16	-0.00	0.02	-0.01	0.00	0.00	-0.00
125	1	-0.00	0.02	-0.01	0.00	0.00	-0.00
	2	-0.00	0.02	-0.01	0.00	0.00	-0.00
	3	0.00	0.03	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.06	-0.00	-0.01	0.00	-0.00
	6	-0.00	0.06	-0.00	-0.01	0.00	-0.00
	7	-0.00	0.03	-0.01	-0.00	0.00	-0.00
	8	-0.00	0.00	-0.01	0.00	0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	0.00
	11	-0.00	0.01	-0.01	0.00	0.00	-0.00
	12	-0.00	0.01	-0.01	0.00	0.00	-0.00
	13	-0.00	0.01	-0.01	0.00	0.00	-0.00
	14	-0.00	0.01	-0.01	0.00	0.00	-0.00
	15	-0.00	0.01	-0.01	0.00	0.00	-0.00
	16	-0.00	0.01	-0.01	0.00	0.00	-0.00
126	1	-0.00	0.02	-0.01	0.00	0.00	-0.00
	2	-0.00	0.02	-0.01	0.00	0.00	-0.00
	3	0.00	0.03	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.06	-0.00	-0.01	0.00	-0.00
	6	-0.00	0.06	-0.00	-0.01	0.00	-0.00
	7	-0.00	0.03	-0.01	-0.00	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	0.00	-0.00

	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	0.00
	11	-0.00	0.01	-0.01	0.00	0.00	-0.00
	12	-0.00	0.01	-0.01	0.00	0.00	-0.00
	13	-0.00	0.01	-0.01	0.00	0.00	-0.00
	14	-0.00	0.01	-0.01	0.00	0.00	-0.00
	15	-0.00	0.01	-0.01	0.00	0.00	-0.00
	16	-0.00	0.01	-0.01	0.00	0.00	-0.00
127	1	-0.00	0.02	-0.01	0.00	0.00	-0.00
	2	-0.00	0.02	-0.01	0.00	0.00	-0.00
	3	0.00	0.03	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.06	-0.00	-0.01	0.00	-0.00
	6	-0.00	0.06	-0.00	-0.01	0.00	-0.00
	7	-0.00	0.03	-0.01	-0.00	0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	0.00
	11	-0.00	0.01	-0.01	0.00	0.00	-0.00
	12	-0.00	0.01	-0.01	0.00	0.00	-0.00
	13	-0.00	0.01	-0.01	0.00	0.00	-0.00
	14	-0.00	0.01	-0.01	0.00	0.00	-0.00
	15	-0.00	0.01	-0.01	0.00	0.00	-0.00
	16	-0.00	0.01	-0.01	0.00	0.00	-0.00
128	1	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	2	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	3	0.00	0.03	-0.01	-0.00	-0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.06	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.06	-0.00	-0.01	-0.00	-0.00
	7	-0.00	0.03	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	0.00
	11	-0.00	0.01	-0.01	0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	0.00	-0.00	-0.00
129	1	-0.00	0.01	-0.01	-0.00	0.00	-0.00
	2	-0.00	0.02	-0.01	-0.00	0.00	-0.00
	3	0.00	0.02	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.05	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.05	-0.00	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	0.00	-0.00
130	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.02	-0.01	-0.00	-0.00	-0.00
	3	0.00	0.02	-0.01	-0.00	-0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.05	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.05	-0.00	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
131	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00

	3	0.00	0.02	-0.01	-0.00	-0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.04	-0.00	-0.01	-0.00	-0.00
	6	-0.00	0.04	-0.00	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
132	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.04	-0.00	-0.02	-0.00	-0.00
	6	-0.00	0.04	-0.00	-0.02	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
133	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.04	-0.00	-0.02	-0.00	-0.00
	6	-0.00	0.04	-0.00	-0.02	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
134	1	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	3	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	6	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	0.00
135	1	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	3	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	6	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	0.00

	13	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	0.00
136	1	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	3	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	6	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	0.00
137	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	6	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
138	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	6	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	7	-0.00	0.02	-0.00	-0.01	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
139	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	-0.00	-0.00
	5	-0.00	0.04	-0.00	-0.01	-0.00	0.00
	6	-0.00	0.04	-0.00	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.00	-0.01	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
140	1	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	3	-0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	-0.00
	5	-0.00	0.04	-0.00	-0.02	-0.00	0.00
	6	-0.00	0.04	-0.00	-0.02	-0.00	-0.00

	7	-0.00	0.02	-0.00	-0.01	-0.00	-0.00
	8	-0.00	-0.00	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	0.00	-0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	-0.00
141	1	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	2	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	3	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.00	-0.01	0.00	0.00	0.00
	5	-0.00	0.04	-0.00	-0.01	-0.00	0.00
	6	-0.00	0.04	-0.00	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.00	-0.01	-0.00	0.00
	8	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	9	-0.00	-0.03	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.03	-0.01	0.01	-0.00	-0.00
	11	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	12	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	13	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	14	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	15	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	16	-0.00	0.01	-0.01	-0.00	-0.00	0.00
142	1	0.00	-0.01	-0.01	0.00	0.00	0.00
	2	0.00	-0.01	-0.01	0.00	0.00	0.00
	3	0.00	0.01	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.00	0.01	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.04	-0.00	0.01	0.00	0.00
	10	0.00	-0.04	-0.00	0.01	0.00	0.00
	11	0.00	-0.01	-0.01	0.00	0.00	0.00
	12	0.00	-0.01	-0.01	0.00	0.00	0.00
	13	0.00	-0.01	-0.01	0.00	0.00	0.00
	14	0.00	-0.01	-0.01	0.00	0.00	0.00
	15	0.00	-0.01	-0.01	0.00	0.00	0.00
	16	0.00	-0.01	-0.01	0.00	0.00	0.00
143	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.00	0.01	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	0.00	-0.04	-0.00	0.02	0.00	-0.00
	10	0.00	-0.04	-0.00	0.02	0.00	0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
144	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.00	0.01	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	0.00	-0.00
	8	0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.04	-0.00	0.01	0.00	-0.00
	10	0.00	-0.04	-0.00	0.01	0.00	0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00

145	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.00	0.01	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.04	-0.00	0.02	0.00	0.00
	10	0.00	-0.04	-0.00	0.02	0.00	0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
146	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.04	-0.00	0.02	0.00	0.00
	10	0.00	-0.04	-0.00	0.02	0.00	0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
147	1	0.00	-0.01	-0.01	0.00	0.00	0.00
	2	0.00	-0.01	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.04	-0.00	0.02	0.00	0.00
	10	0.00	-0.04	-0.00	0.02	0.00	0.00
	11	0.00	-0.01	-0.01	0.00	0.00	0.00
	12	0.00	-0.01	-0.01	0.00	0.00	0.00
	13	0.00	-0.01	-0.01	0.00	0.00	0.00
	14	0.00	-0.01	-0.01	0.00	0.00	0.00
	15	0.00	-0.01	-0.01	0.00	0.00	0.00
	16	0.00	-0.01	-0.01	0.00	0.00	0.00
148	1	0.00	-0.01	-0.01	0.00	0.00	0.00
	2	0.00	-0.01	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.04	-0.00	0.02	0.00	0.00
	10	0.00	-0.04	-0.00	0.02	0.00	0.00
	11	0.00	-0.01	-0.01	0.00	0.00	0.00
	12	0.00	-0.01	-0.01	0.00	0.00	0.00
	13	0.00	-0.01	-0.01	0.00	0.00	0.00
	14	0.00	-0.01	-0.01	0.00	0.00	0.00
	15	0.00	-0.01	-0.01	0.00	0.00	0.00
	16	0.00	-0.01	-0.01	0.00	0.00	0.00
149	1	0.00	-0.01	-0.01	0.00	0.00	0.00
	2	0.00	-0.01	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.04	-0.00	0.02	0.00	0.00
	10	0.00	-0.04	-0.00	0.02	0.00	0.00

	11	0.00	-0.01	-0.01	0.00	0.00	0.00
	12	0.00	-0.01	-0.01	0.00	0.00	0.00
	13	0.00	-0.01	-0.01	0.00	0.00	0.00
	14	0.00	-0.01	-0.01	0.00	0.00	0.00
	15	0.00	-0.01	-0.01	0.00	0.00	0.00
	16	0.00	-0.01	-0.01	0.00	0.00	0.00
150	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	0.00	-0.04	-0.00	0.02	0.00	-0.00
	10	0.00	-0.04	-0.00	0.02	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
151	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	0.00	-0.04	-0.00	0.02	0.00	-0.00
	10	0.00	-0.04	-0.00	0.02	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
152	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.01	-0.01	0.00	0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.00	0.00	-0.00
	9	0.00	-0.04	-0.00	0.01	0.00	-0.00
	10	0.00	-0.04	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
153	1	0.00	-0.01	-0.01	0.00	0.00	-0.00
	2	0.00	-0.02	-0.01	0.00	0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.00	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.00	0.00	-0.00
	9	0.00	-0.05	-0.00	0.01	0.00	-0.00
	10	0.00	-0.05	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	0.00	-0.00
154	1	0.00	-0.01	-0.01	0.00	-0.00	-0.00
	2	0.00	-0.02	-0.01	0.00	-0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.02	-0.01	0.00	0.00	-0.00

	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.05	-0.00	0.01	0.00	-0.00
	10	0.00	-0.05	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	0.00	-0.00	-0.00
	12	0.00	-0.01	-0.01	0.00	-0.00	-0.00
	13	0.00	-0.01	-0.01	0.00	-0.00	-0.00
	14	0.00	-0.01	-0.01	0.00	-0.00	-0.00
	15	0.00	-0.01	-0.01	0.00	-0.00	-0.00
	16	0.00	-0.01	-0.01	0.00	-0.00	-0.00
155	1	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	2	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	0.00	-0.03	-0.01	0.00	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.03	-0.01	0.00	0.00	-0.00
	9	0.00	-0.06	-0.00	0.01	0.00	-0.00
	10	0.00	-0.06	-0.00	0.01	0.00	-0.00
	11	0.00	-0.01	-0.01	-0.00	0.00	-0.00
	12	0.00	-0.01	-0.01	-0.00	0.00	-0.00
	13	0.00	-0.01	-0.01	-0.00	0.00	-0.00
	14	0.00	-0.01	-0.01	-0.00	0.00	-0.00
	15	0.00	-0.01	-0.01	-0.00	0.00	-0.00
	16	0.00	-0.01	-0.01	-0.00	0.00	-0.00
156	1	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	2	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	-0.00	-0.00
	4	0.00	-0.03	-0.01	0.00	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.03	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.06	-0.00	0.01	-0.00	-0.00
	10	0.00	-0.06	-0.00	0.01	-0.00	-0.00
	11	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	12	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	13	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	14	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	15	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	16	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
157	1	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	2	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	-0.00	-0.00
	4	0.00	-0.03	-0.01	0.00	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.03	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.06	-0.00	0.01	-0.00	-0.00
	10	0.00	-0.06	-0.00	0.01	-0.00	-0.00
	11	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	12	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	13	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	14	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	15	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	16	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
158	1	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	2	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	3	0.00	-0.00	-0.01	-0.00	-0.00	-0.00
	4	0.00	-0.03	-0.01	0.00	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.03	-0.01	0.00	-0.00	-0.00
	9	0.00	-0.06	-0.00	0.01	-0.00	-0.00
	10	0.00	-0.06	-0.00	0.01	-0.00	-0.00
	11	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	12	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	13	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	14	0.00	-0.01	-0.01	-0.00	-0.00	-0.00

	15	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
	16	0.00	-0.01	-0.01	-0.00	-0.00	-0.00
159	1	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	2	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	3	0.00	-0.00	-0.01	-0.00	-0.00	-0.00
	4	0.00	-0.03	-0.01	0.00	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	-0.00
	8	-0.00	-0.03	-0.01	-0.00	-0.00	-0.00
	9	0.00	-0.06	-0.00	0.00	-0.00	-0.00
	10	-0.00	-0.06	-0.00	0.00	-0.00	-0.00
	11	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	12	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	13	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	14	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	15	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
	16	0.00	-0.02	-0.01	-0.00	-0.00	-0.00
160	1	0.00	-0.02	-0.01	-0.00	0.00	0.00
	2	0.00	-0.02	-0.01	-0.00	0.00	0.00
	3	0.00	-0.00	-0.01	-0.00	-0.00	0.00
	4	0.00	-0.03	-0.01	-0.00	-0.00	0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	-0.00	-0.01	-0.00	0.00	-0.00
	8	-0.00	-0.03	-0.01	-0.00	0.00	-0.00
	9	0.00	-0.07	-0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	0.00	0.00	-0.00
	11	0.00	-0.02	-0.01	-0.00	0.00	0.00
	12	0.00	-0.02	-0.01	-0.00	0.00	0.00
	13	0.00	-0.02	-0.01	-0.00	0.00	0.00
	14	0.00	-0.02	-0.01	-0.00	0.00	0.00
	15	0.00	-0.02	-0.01	-0.00	0.00	0.00
	16	0.00	-0.02	-0.01	-0.00	0.00	0.00
161	1	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	2	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.03	-0.01	-0.00	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	-0.00	-0.01	-0.00	0.00	0.00
	8	-0.00	-0.03	-0.01	0.00	0.00	0.00
	9	0.00	-0.06	-0.00	0.00	0.00	0.00
	10	-0.00	-0.06	-0.00	0.00	0.00	0.00
	11	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	12	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	13	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	14	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	15	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	16	-0.00	-0.02	-0.01	-0.00	0.00	0.00
162	1	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	2	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.03	-0.01	0.00	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	-0.00	-0.01	-0.00	0.00	0.00
	8	-0.00	-0.03	-0.01	0.00	0.00	0.00
	9	-0.00	-0.06	-0.00	0.01	0.00	0.00
	10	-0.00	-0.06	-0.00	0.01	0.00	0.00
	11	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	12	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	13	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	14	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	15	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	16	-0.00	-0.01	-0.01	-0.00	0.00	0.00
163	1	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	2	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.03	-0.01	0.00	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	0.00	0.00
	8	-0.00	-0.03	-0.01	0.00	0.00	0.00

	9	-0.00	-0.06	-0.00	0.01	0.00	0.00
	10	-0.00	-0.06	-0.00	0.01	0.00	0.00
	11	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	12	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	13	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	14	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	15	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	16	-0.00	-0.01	-0.01	-0.00	0.00	0.00
164	1	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	2	-0.00	-0.02	-0.01	-0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.03	-0.01	0.00	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	0.00	0.00
	8	-0.00	-0.03	-0.01	0.00	0.00	0.00
	9	-0.00	-0.06	-0.00	0.01	0.00	0.00
	10	-0.00	-0.06	-0.00	0.01	0.00	0.00
	11	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	12	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	13	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	14	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	15	-0.00	-0.01	-0.01	-0.00	0.00	0.00
	16	-0.00	-0.01	-0.01	-0.00	0.00	0.00
165	1	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	2	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.03	-0.01	0.00	-0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.03	-0.01	0.00	-0.00	0.00
	9	-0.00	-0.06	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.06	-0.00	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	-0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	-0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	-0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	-0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	-0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	-0.00	-0.00	0.00
166	1	-0.00	-0.01	-0.01	0.00	0.00	0.00
	2	-0.00	-0.02	-0.01	0.00	0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.00	0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.00	-0.00	0.00
	9	-0.00	-0.05	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.05	-0.00	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	0.00	0.00
167	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.02	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.00	-0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.00	-0.00	0.00
	9	-0.00	-0.05	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.05	-0.00	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
168	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00

	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.00	-0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.04	-0.00	0.01	-0.00	0.00
	10	-0.00	-0.04	-0.00	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
169	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.04	-0.00	0.02	-0.00	0.00
	10	-0.00	-0.04	-0.00	0.02	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
170	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	0.00	0.03	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.04	-0.00	0.02	-0.00	0.00
	10	-0.00	-0.04	-0.00	0.02	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
171	1	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	10	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
172	1	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	10	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	-0.00

	13	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
173	1	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	10	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
174	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	10	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
175	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.00	0.01	-0.00	0.00
	9	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	10	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
176	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	-0.00	0.00
	4	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.00	0.01	-0.00	0.00
	9	-0.00	-0.04	-0.00	0.01	-0.00	-0.00
	10	-0.00	-0.04	-0.00	0.01	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
177	1	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	3	0.00	0.00	-0.01	-0.00	0.00	0.00
	4	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.03	-0.01	-0.01	0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	0.00	0.00

	7	-0.00	0.00	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.00	0.01	-0.00	0.00
	9	-0.00	-0.04	-0.00	0.02	-0.00	-0.00
	10	-0.00	-0.04	-0.00	0.02	-0.00	0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	0.00
178	1	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	2	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	3	0.00	0.00	-0.01	-0.00	0.00	-0.00
	4	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	-0.00	0.03	-0.01	-0.01	0.00	0.00
	6	-0.00	0.03	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.01	-0.01	-0.00	-0.00	0.00
	8	-0.00	-0.02	-0.00	0.01	-0.00	-0.00
	9	-0.00	-0.04	-0.00	0.01	-0.00	-0.00
	10	-0.00	-0.04	-0.00	0.01	-0.00	-0.00
	11	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	12	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	13	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	14	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	15	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
	16	-0.00	-0.01	-0.01	0.00	-0.00	-0.00
179	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
180	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.00	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.06	-0.00	-0.00	0.00	0.00
	6	0.00	0.07	-0.00	-0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.00	0.00	0.00
	8	0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	0.00	-0.07	-0.01	0.01	0.00	0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
181	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.00	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.07	-0.00	-0.00	0.00	0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.01	-0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	0.00	-0.07	-0.01	0.01	0.00	-0.00
	10	0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00

182	1	0.00	-0.00	-0.01	0.01	0.00	-0.00
	2	0.00	-0.00	-0.01	0.01	0.00	-0.00
	3	0.00	0.02	-0.00	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.07	-0.00	-0.00	0.00	0.00
	6	0.00	0.07	-0.00	-0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.00	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	-0.00
	10	0.00	-0.07	-0.01	0.01	0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	-0.00
	12	0.00	-0.00	-0.01	0.01	0.00	-0.00
	13	0.00	-0.00	-0.01	0.01	0.00	-0.00
	14	0.00	-0.00	-0.01	0.01	0.00	-0.00
	15	0.00	-0.00	-0.01	0.01	0.00	-0.00
	16	0.00	-0.00	-0.01	0.01	0.00	-0.00
183	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.00	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.07	-0.00	-0.00	0.00	0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
184	1	0.00	-0.00	-0.01	0.01	0.00	-0.00
	2	0.00	-0.00	-0.01	0.01	0.00	-0.00
	3	0.00	0.02	-0.00	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.07	-0.00	-0.00	0.00	0.00
	6	0.00	0.07	-0.00	-0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.00	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	-0.00
	12	0.00	-0.00	-0.01	0.01	0.00	-0.00
	13	0.00	-0.00	-0.01	0.01	0.00	-0.00
	14	0.00	-0.00	-0.01	0.01	0.00	-0.00
	15	0.00	-0.00	-0.01	0.01	0.00	-0.00
	16	0.00	-0.00	-0.01	0.01	0.00	-0.00
185	1	0.00	-0.00	-0.01	0.01	0.00	-0.00
	2	0.00	-0.00	-0.01	0.01	0.00	-0.00
	3	0.00	0.02	-0.00	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.07	-0.00	0.00	0.00	0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.01	0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	-0.00
	12	0.00	-0.00	-0.01	0.01	0.00	-0.00
	13	0.00	-0.00	-0.01	0.01	0.00	-0.00
	14	0.00	-0.00	-0.01	0.01	0.00	-0.00
	15	0.00	-0.00	-0.01	0.01	0.00	-0.00
	16	0.00	-0.00	-0.01	0.01	0.00	-0.00
186	1	0.00	-0.00	-0.01	0.01	0.00	-0.00
	2	0.00	-0.00	-0.01	0.01	0.00	-0.00
	3	0.00	0.02	-0.00	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.07	-0.00	-0.00	0.00	0.00
	6	0.00	0.07	-0.00	-0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.00	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	0.00	-0.00

	11	0.00	-0.00	-0.01	0.01	0.00	-0.00
	12	0.00	-0.00	-0.01	0.01	0.00	-0.00
	13	0.00	-0.00	-0.01	0.01	0.00	-0.00
	14	0.00	-0.00	-0.01	0.01	0.00	-0.00
	15	0.00	-0.00	-0.01	0.01	0.00	-0.00
	16	0.00	-0.00	-0.01	0.01	0.00	-0.00
187	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.07	-0.00	0.00	0.00	0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
188	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.00	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	0.00	0.07	-0.00	-0.00	0.00	0.00
	6	0.00	0.07	-0.00	-0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.00	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
189	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.01	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.07	-0.00	0.00	0.00	0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
190	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.01	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	0.00	0.07	-0.00	0.00	0.00	0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	0.00	0.02	-0.01	0.00	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
191	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.01	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00

	5	0.00	0.07	-0.00	0.00	0.00	0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
192	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.01	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	0.00	0.07	-0.00	0.00	0.00	0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
193	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.01	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.07	-0.00	0.00	0.00	0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
194	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.07	-0.00	0.00	-0.00	0.00
	6	0.00	0.07	-0.00	0.00	-0.00	0.00
	7	-0.00	0.02	-0.01	0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
195	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.07	-0.00	0.00	-0.00	0.00
	6	0.00	0.07	-0.00	0.00	-0.00	0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00

	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
196	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	0.00	0.07	-0.00	0.00	0.00	0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
197	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.07	-0.00	0.00	-0.00	0.00
	6	-0.00	0.07	-0.00	0.00	-0.00	0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
198	1	0.00	-0.00	-0.01	0.01	-0.00	0.00
	2	0.00	-0.00	-0.01	0.01	-0.00	0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	0.00	0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	0.00	0.00
	11	0.00	-0.00	-0.01	0.01	-0.00	0.00
	12	0.00	-0.00	-0.01	0.01	-0.00	0.00
	13	0.00	-0.00	-0.01	0.01	-0.00	0.00
	14	0.00	-0.00	-0.01	0.01	-0.00	0.00
	15	0.00	-0.00	-0.01	0.01	-0.00	0.00
	16	0.00	-0.00	-0.01	0.01	-0.00	0.00
199	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	0.00	0.07	-0.00	0.00	0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	0.00	-0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	0.00	-0.07	-0.01	0.01	0.00	0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
200	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	0.00	0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	0.00

	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	0.00	-0.07	-0.01	0.01	0.00	0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
201	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	-0.00	0.07	-0.00	0.00	0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	0.00	-0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	0.00	-0.07	-0.01	0.01	0.00	0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
202	1	0.00	-0.00	-0.01	0.01	0.00	0.00
	2	0.00	-0.00	-0.01	0.01	0.00	0.00
	3	0.00	0.02	-0.01	0.01	0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	-0.00	0.07	-0.00	0.00	0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	0.00	-0.00
	7	-0.00	0.02	-0.01	0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	0.00	-0.07	-0.01	0.01	0.00	0.00
	11	0.00	-0.00	-0.01	0.01	0.00	0.00
	12	0.00	-0.00	-0.01	0.01	0.00	0.00
	13	0.00	-0.00	-0.01	0.01	0.00	0.00
	14	0.00	-0.00	-0.01	0.01	0.00	0.00
	15	0.00	-0.00	-0.01	0.01	0.00	0.00
	16	0.00	-0.00	-0.01	0.01	0.00	0.00
203	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	-0.01	0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	0.00	-0.07	-0.01	0.01	0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
204	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	-0.01	0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	0.00	-0.07	-0.01	0.01	0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
205	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00

	3	0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	-0.01	0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	0.00	-0.07	-0.01	0.01	0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
206	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	-0.01	0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
207	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	-0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	-0.01	0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
208	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	0.00	-0.07	-0.01	0.01	0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
209	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	-0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00

	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
210	1	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	3	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	-0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	0.00	-0.07	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	0.00
211	1	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	3	-0.00	0.02	-0.01	0.01	-0.00	0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	-0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	0.00	-0.07	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	0.00
212	1	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	3	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	-0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	0.00	-0.07	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	0.00
213	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	-0.00	0.02	-0.01	0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	-0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	0.00	-0.07	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
214	1	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	3	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	-0.00	0.00
	5	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	-0.00	-0.00	-0.00

	7	-0.00	0.02	-0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	0.00
	9	-0.00	-0.07	-0.01	0.01	-0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	0.00
215	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	-0.00	0.02	-0.01	0.01	0.00	-0.00
	4	0.00	-0.02	-0.01	0.01	0.00	-0.00
	5	-0.00	0.07	-0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	-0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	-0.00	-0.07	-0.01	0.01	0.00	0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
216	1	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	2	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	3	-0.00	0.02	-0.01	0.00	-0.00	-0.00
	4	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	5	-0.00	0.07	-0.00	-0.00	-0.00	-0.00
	6	-0.00	0.06	-0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	-0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	-0.01	0.01	-0.00	-0.00
	9	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	10	-0.00	-0.07	-0.01	0.01	-0.00	-0.00
	11	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	12	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	13	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	14	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	15	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
	16	-0.00	-0.00	-0.01	0.01	-0.00	-0.00
217	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.06	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	0.00	-0.07	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
218	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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

219	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
220	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
221	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
222	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
223	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
224	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
225	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
226	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
227	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
228	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00

	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
229	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
230	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
231	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
232	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
233	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
234	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.06	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
235	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
236	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	0.00	-0.07	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
237	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00

	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
238	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
239	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
240	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
241	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
242	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
243	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
244	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
245	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
246	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
247	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
248	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
249	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
250	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
251	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00

	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
252	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
253	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
254	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
255	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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

256	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
257	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
258	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
259	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
260	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
261	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
262	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
263	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
264	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
265	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00

	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
266	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
267	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
268	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
269	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
270	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
271	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
272	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
273	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
274	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00

	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
275	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
276	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
277	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
278	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
279	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
280	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
281	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
282	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
283	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
284	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
285	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
286	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
287	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
288	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00

	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
289	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
290	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
291	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
292	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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

293	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
294	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
295	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
296	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
297	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
298	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
299	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
300	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
301	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
302	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00

	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
303	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
304	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
305	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
306	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
307	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
308	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
309	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
310	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
311	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00

	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
312	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
313	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
314	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
315	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
316	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
317	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
318	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
319	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
320	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
321	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
322	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
323	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
324	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
325	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00

	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
326	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
327	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
328	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
329	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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

330	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
331	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
332	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
333	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
334	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
335	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
336	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
337	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
338	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
339	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00

	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
340	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
341	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
342	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
343	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
344	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
345	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
346	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
347	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
348	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00

	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
349	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
350	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
351	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
352	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
353	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
354	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
355	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
356	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
357	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
358	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
359	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
360	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
361	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
362	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00

	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
363	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
364	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
365	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
366	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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

367	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
368	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
369	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
370	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
371	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
372	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
373	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
374	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
375	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
376	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00

	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
377	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
378	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
379	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
380	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
381	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
382	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
383	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
384	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
385	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00

	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
386	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
387	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
388	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
389	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
390	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
391	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
392	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
393	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
394	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
395	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
396	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
397	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
398	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
399	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00

	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
400	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
401	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
402	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
403	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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

404	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
405	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
406	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
407	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
408	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
409	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
410	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
411	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
412	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
413	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00

	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
414	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
415	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
416	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
417	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
418	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
419	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
420	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
421	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
422	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00

	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
423	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
424	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
425	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
426	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
427	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
428	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
429	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
430	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
431	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
432	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
433	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	0.02	0.00	-0.00	-0.00	-0.00
	4	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
434	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	0.02	0.00	-0.00	-0.00	0.00
	4	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
435	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
436	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00

	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
437	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
438	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
439	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
440	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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

441	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
442	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
443	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
444	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
445	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
446	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
447	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
448	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	-0.00	-0.07	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
449	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	-0.00	-0.07	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
450	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00

	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
451	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
452	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
453	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
454	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	0.02	0.00	0.00	0.00	-0.00
	4	-0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
455	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	0.02	0.00	0.00	-0.00	-0.00
	4	-0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
456	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	0.02	0.00	0.00	-0.00	-0.00
	4	-0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
457	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	0.02	0.00	0.00	0.00	0.00
	4	-0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
458	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	0.02	0.00	0.00	-0.00	0.00
	4	-0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
459	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	0.00	-0.02	0.00	0.00	-0.00	-0.00

	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
460	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
461	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
462	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
463	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
464	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
465	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
466	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	0.00	-0.00
	10	0.00	-0.07	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
467	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
468	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
469	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
470	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
471	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
472	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
473	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00

	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
474	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
475	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	0.02	0.00	0.00	0.00	-0.00
	4	-0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
476	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.06	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
477	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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

478	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
479	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
480	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
481	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
482	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
483	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
484	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	0.00	0.00
	10	0.00	-0.07	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
485	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
486	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
487	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00

	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
488	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
489	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
490	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
491	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	0.02	0.00	-0.00	-0.00	-0.00
	4	-0.00	-0.02	0.00	-0.00	0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
492	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	0.02	0.00	-0.00	-0.00	-0.00
	4	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	0.00	0.07	0.00	-0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
493	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	0.02	0.00	-0.00	0.00	-0.00
	4	-0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
494	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	0.02	0.00	-0.00	-0.00	0.00
	4	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	-0.00	0.00
	6	-0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.06	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
495	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.00	-0.00	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	9	0.00	-0.06	-0.00	0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
496	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.00	-0.00	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	0.00
	6	0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	0.00	-0.02	-0.01	-0.01	-0.00	-0.00

	9	0.00	-0.07	-0.00	0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
497	1	0.00	0.00	-0.01	-0.01	0.00	0.00
	2	0.00	0.00	-0.01	-0.01	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.02	-0.00	-0.00	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	0.00
	6	0.00	0.07	-0.01	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	9	0.00	-0.07	-0.00	0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	0.00
	12	0.00	0.00	-0.01	-0.01	0.00	0.00
	13	0.00	0.00	-0.01	-0.01	0.00	0.00
	14	0.00	0.00	-0.01	-0.01	0.00	0.00
	15	0.00	0.00	-0.01	-0.01	0.00	0.00
	16	0.00	0.00	-0.01	-0.01	0.00	0.00
498	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.00	-0.00	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
499	1	0.00	0.00	-0.01	-0.01	0.00	0.00
	2	0.00	0.00	-0.01	-0.01	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.02	-0.00	-0.00	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	9	0.00	-0.07	-0.00	0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	0.00
	12	0.00	0.00	-0.01	-0.01	0.00	0.00
	13	0.00	0.00	-0.01	-0.01	0.00	0.00
	14	0.00	0.00	-0.01	-0.01	0.00	0.00
	15	0.00	0.00	-0.01	-0.01	0.00	0.00
	16	0.00	0.00	-0.01	-0.01	0.00	0.00
500	1	0.00	0.00	-0.01	-0.01	0.00	0.00
	2	0.00	0.00	-0.01	-0.01	0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.02	-0.00	-0.00	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	0.00	-0.02	-0.01	-0.01	0.00	0.00
	9	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	0.00
	12	0.00	0.00	-0.01	-0.01	0.00	0.00
	13	0.00	0.00	-0.01	-0.01	0.00	0.00
	14	0.00	0.00	-0.01	-0.01	0.00	0.00
	15	0.00	0.00	-0.01	-0.01	0.00	0.00
	16	0.00	0.00	-0.01	-0.01	0.00	0.00
501	1	0.00	0.00	-0.01	-0.01	0.00	0.00
	2	0.00	0.00	-0.01	-0.01	0.00	0.00

	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.02	-0.00	-0.00	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	9	0.00	-0.07	-0.00	0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	0.00
	12	0.00	0.00	-0.01	-0.01	0.00	0.00
	13	0.00	0.00	-0.01	-0.01	0.00	0.00
	14	0.00	0.00	-0.01	-0.01	0.00	0.00
	15	0.00	0.00	-0.01	-0.01	0.00	0.00
	16	0.00	0.00	-0.01	-0.01	0.00	0.00
502	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
503	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	9	0.00	-0.07	-0.00	0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
504	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
505	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	0.00	-0.02	-0.01	-0.00	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00

	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
506	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	0.00	-0.00
	5	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
507	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	0.00	-0.00
	5	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
508	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.02	-0.01	-0.01	0.00	-0.00
	5	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
509	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	-0.00	0.00
	9	0.00	-0.07	-0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	-0.00	-0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
510	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00

	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	-0.00	-0.00	-0.00	-0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
511	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
512	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	-0.00	-0.00	-0.00	-0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
513	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
514	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	0.00	-0.07	-0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00

515	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	0.00	-0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
516	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	-0.00	-0.07	-0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
517	1	0.00	0.00	-0.01	-0.01	0.00	-0.00
	2	0.00	0.00	-0.01	-0.01	0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.02	-0.01	-0.01	0.00	-0.00
	9	-0.00	-0.07	-0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	0.00	0.00
	11	0.00	0.00	-0.01	-0.01	0.00	-0.00
	12	0.00	0.00	-0.01	-0.01	0.00	-0.00
	13	0.00	0.00	-0.01	-0.01	0.00	-0.00
	14	0.00	0.00	-0.01	-0.01	0.00	-0.00
	15	0.00	0.00	-0.01	-0.01	0.00	-0.00
	16	0.00	0.00	-0.01	-0.01	0.00	-0.00
518	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	-0.00
	8	-0.00	-0.02	-0.01	-0.01	-0.00	0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
519	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	-0.00	0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	-0.00	0.00

	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
520	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	-0.00	0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
521	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	-0.00	0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
522	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	-0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.01	-0.01	-0.00	0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
523	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	9	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
524	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	-0.00	-0.02	-0.01	-0.01	-0.00	0.00

	5	0.00	0.07	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
525	1	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
526	1	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	-0.00	-0.02	-0.01	-0.01	-0.00	-0.00
	5	0.00	0.07	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
527	1	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
528	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	-0.00
	4	-0.00	-0.02	-0.01	-0.01	-0.00	0.00
	5	0.00	0.07	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00

	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
529	1	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	3	0.00	0.02	-0.01	-0.01	-0.00	-0.00
	4	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	5	-0.00	0.07	-0.01	-0.01	-0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	-0.00
	8	-0.00	-0.02	-0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	-0.00
530	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	0.00	0.02	-0.01	-0.01	0.00	0.00
	4	-0.00	-0.02	-0.01	-0.01	0.00	0.00
	5	-0.00	0.07	-0.01	-0.01	0.00	-0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	-0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	-0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
531	1	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	2	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	3	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	4	-0.00	-0.02	-0.01	-0.00	-0.00	0.00
	5	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	6	-0.00	0.07	-0.01	-0.01	-0.00	0.00
	7	-0.00	0.02	-0.01	-0.01	-0.00	0.00
	8	-0.00	-0.02	-0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	-0.00	0.00	-0.00	0.00
	10	-0.00	-0.06	-0.00	0.00	-0.00	0.00
	11	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	12	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	13	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	14	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	15	-0.00	0.00	-0.01	-0.01	-0.00	0.00
	16	-0.00	0.00	-0.01	-0.01	-0.00	0.00
532	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
533	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00

	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
534	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	0.02	0.00	-0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	0.00	0.00
	6	0.00	0.07	0.00	-0.00	0.00	0.00
	7	-0.00	0.02	0.00	-0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
535	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	0.00	-0.07	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
536	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	-0.00	-0.07	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
537	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	-0.00
	10	-0.00	-0.07	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
538	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	0.02	0.00	-0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
539	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	0.02	0.00	-0.00	0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	0.00	0.00
	5	-0.00	0.07	0.00	-0.00	0.00	-0.00
	6	-0.00	0.07	0.00	-0.00	0.00	-0.00
	7	-0.00	0.02	0.00	-0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	0.00	0.00
	10	-0.00	-0.07	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
540	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
541	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	0.02	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	-0.00	0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	0.00	-0.00
	9	0.00	-0.07	0.00	-0.00	0.00	-0.00
	10	0.00	-0.07	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
542	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	-0.00	-0.00	0.00
	10	-0.00	-0.07	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
543	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	0.02	0.00	-0.00	-0.00	0.00
	4	0.00	-0.02	0.00	-0.00	-0.00	-0.00
	5	0.00	0.07	0.00	-0.00	-0.00	0.00
	6	0.00	0.07	0.00	-0.00	-0.00	0.00
	7	-0.00	0.02	0.00	-0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	-0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
544	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	0.02	0.00	0.00	-0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
545	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
546	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	-0.00	0.00
	6	-0.00	0.07	0.00	0.00	-0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
547	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00

	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
548	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	-0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	-0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	0.00
	9	-0.00	-0.07	0.00	0.00	-0.00	0.00
	10	-0.00	-0.07	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
549	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	-0.00	0.07	0.00	0.00	0.00	-0.00
	6	-0.00	0.07	0.00	0.00	0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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
550	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	0.02	0.00	0.00	-0.00	0.00
	4	0.00	-0.02	0.00	0.00	-0.00	-0.00
	5	0.00	0.07	0.00	0.00	0.00	0.00
	6	-0.00	0.07	0.00	0.00	0.00	0.00
	7	-0.00	0.02	0.00	0.00	-0.00	0.00
	8	-0.00	-0.02	0.00	0.00	-0.00	-0.00
	9	0.00	-0.07	0.00	0.00	-0.00	-0.00
	10	0.00	-0.07	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
551	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	0.02	0.00	0.00	0.00	-0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.07	0.00	0.00	-0.00	-0.00
	6	-0.00	0.07	0.00	0.00	-0.00	-0.00
	7	-0.00	0.02	0.00	0.00	0.00	-0.00
	8	-0.00	-0.02	0.00	0.00	0.00	0.00
	9	-0.00	-0.07	0.00	0.00	0.00	0.00
	10	-0.00	-0.07	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

- Pressioni sul terreno

- Convenzioni adottate

Nel seguito vengono riportate le pressioni trasmesse al terreno dalla struttura in corrispondenza dei nodi di fondazione.

Nodo	Comb.	x [m]	y [m]	z [m]	sigma [kg/cm²]
1	1	6.00	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
2	1	7.50	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
3	1	9.00	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
4	1	10.50	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1

	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
5	1	11.00	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
6	1	13.00	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
7	1	13.50	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
8	1	15.00	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
9	1	16.50	0.00	0.00	0.1
	2				0.1

	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
10	1	18.00	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
11	1	6.00	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
12	1	7.50	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
13	1	9.00	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0

	13				0.0
	14				0.0
	15				0.0
	16				0.0
14	1	10.50	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
15	1	11.00	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
16	1	13.00	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
17	1	13.50	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
18	1	15.00	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1

	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
19	1	16.50	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
20	1	18.00	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
21	1	6.75	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
22	1	8.25	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0

23	1	9.75	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
24	1	10.75	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
25	1	13.25	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
26	1	14.25	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
27	1	15.75	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1

	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
28	1	17.25	0.00	0.00	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
29	1	6.75	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
30	1	8.25	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
31	1	9.75	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
32	1	10.75	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0

	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
33	1	13.25	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
34	1	14.25	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
35	1	15.75	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
36	1	17.25	8.40	0.00	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0

	15				0.0
	16				0.0
37	1	0.00	0.00	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
38	1	1.50	0.00	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
39	1	3.00	0.00	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
40	1	4.50	0.00	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
41	1	6.00	0.00	2.50	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.0

	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
50	1	18.00	0.00	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
51	1	19.50	0.00	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
52	1	21.00	0.00	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
53	1	22.50	0.00	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
54	1	24.00	0.00	2.50	0.0
	2				0.1

	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
55	1	0.00	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
56	1	1.50	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
57	1	3.00	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
58	1	4.50	8.40	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0

	13				0.0
	14				0.0
	15				0.0
	16				0.0
59	1	6.00	8.40	2.50	0.1
	2				0.1
	3				0.1
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
68	1	18.00	8.40	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
69	1	19.50	8.40	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
70	1	21.00	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
71	1	22.50	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1

	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
72	1	24.00	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
73	1	0.75	0.00	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
74	1	2.25	0.00	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
75	1	3.75	0.00	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0

76	1	5.25	0.00	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.1
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
85	1	18.75	0.00	2.50	0.1
	2				0.1
	3				0.0
	4				0.1
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
86	1	20.25	0.00	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
87	1	21.75	0.00	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
88	1	23.25	0.00	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.0
	6				0.0
	7				0.0
	8				0.0
	9				0.1
	10				0.1

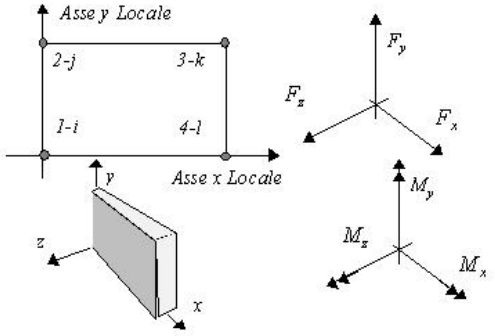
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
89	1	0.75	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
90	1	2.25	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
91	1	3.75	8.40	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
92	1	5.25	8.40	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.1
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
101	1	18.75	8.40	2.50	0.1
	2				0.1
	3				0.1
	4				0.0

	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
102	1	20.25	8.40	2.50	0.1
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
103	1	21.75	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0
104	1	23.25	8.40	2.50	0.0
	2				0.1
	3				0.0
	4				0.0
	5				0.1
	6				0.1
	7				0.0
	8				0.0
	9				0.0
	10				0.0
	11				0.0
	12				0.0
	13				0.0
	14				0.0
	15				0.0
	16				0.0

- Sollecitazioni nei setti

- Convenzioni adottate

L'elemento parete viene individuato tramite il numero dei due nodi a numerazione più bassa cui fa capo l'elemento. La numerazione dei nodi e le convenzioni sulle sollecitazioni agenti nel setto sono le seguenti:



Dove:

F_X, F_Y, F_Z

forze, agenti nel generico nodo, in direzione degli assi locali **x**, **y**, **z**.

M_X, M_Y, M_Z

momenti agenti nel generico nodo ed aventi asse vettore concorde con gli assi locali **x**, **y**, **z**.

Comb.	Nodo	F_X [kg]	F_Y [kg]	F_Z [kg]	M_X [kgm]	M_Y [kgm]	M_Z [kgm]
1	21	-1649.8	-900.0	1425.2	789.0	12.7	731.6
	77	1013.7	790.3	933.4	2.9	-318.9	0.0
	41	3575.0	-2831.9	1847.5	-1108.9	460.1	0.0
	1	686.6	616.5	1534.3	-568.3	-349.2	0.0
2	21	-1902.0	-1035.2	1634.5	904.8	14.6	844.0
	77	1176.6	906.5	1070.5	3.3	-366.3	0.0
	41	4118.8	-3247.6	2118.2	-1271.9	531.6	0.0
	1	788.2	706.5	1759.1	-651.8	-402.1	0.0
3	21	-2064.7	-1158.6	1949.1	1060.9	27.7	1043.4
	77	661.8	1105.7	1343.7	5.4	-449.4	0.0
	41	3288.1	-3876.0	2654.6	-1601.9	838.6	0.0
	1	573.8	904.4	2129.5	-824.5	-442.9	0.0
4	21	-1704.5	-758.6	59.1	37.0	-15.1	881.0
	77	751.5	247.8	-15.3	21.3	-396.4	0.0
	41	2794.2	-105.1	-101.0	-222.1	690.2	0.0
	1	596.7	-123.4	-22.6	-112.0	-413.4	0.0
5	21	-2052.6	-1436.1	4210.0	2291.3	79.9	953.1
	77	614.3	2053.7	2961.2	-21.1	-385.5	0.0
	41	3655.0	-8389.4	5958.9	-3163.7	725.1	0.0
	1	503.6	2157.9	4719.3	-1630.7	-365.0	0.0
6	21	-1682.1	-1273.9	4257.9	2322.0	81.9	713.4
	77	663.4	2008.5	2988.6	-27.8	-277.7	0.0
	41	3475.8	-8487.3	6035.5	-3122.7	479.4	0.0
	1	466.4	2204.6	4787.1	-1609.1	-268.6	0.0
7	21	-829.6	-617.9	2108.9	1163.2	34.3	244.2
	77	825.2	954.8	1435.1	-16.9	-90.1	0.0
	41	2690.5	-4202.2	2909.9	-1465.0	19.5	0.0
	1	449.6	1059.9	2355.3	-752.6	-121.8	0.0
8	21	-469.5	-217.9	218.9	139.2	-8.4	81.9
	77	914.9	97.0	76.1	-0.9	-37.0	0.0
	41	2196.6	-431.3	154.2	-85.2	-128.9	0.0
	1	472.5	32.2	203.1	-40.1	-92.3	0.0
9	21	-852.0	-102.6	-2089.9	-1121.9	-62.6	411.9
	77	913.4	-805.8	-1568.8	32.2	-208.7	0.0
	41	2008.9	4180.0	-3226.6	1435.6	230.3	0.0

	1	579.9	-1268.0	-2454.4	744.5	-266.5	0.0
10	21	-481.5	59.6	-2042.0	-1091.2	-60.6	172.1
	77	962.4	-851.1	-1541.4	25.5	-100.9	0.0
	41	1829.7	4082.1	-3150.1	1476.6	-15.4	0.0
	1	542.7	-1221.3	-2386.7	766.0	-170.2	0.0
11	21	-1268.6	-691.2	1093.1	605.1	9.8	562.7
	77	782.0	606.2	715.9	2.2	-244.7	0.0
	41	2748.0	-2171.9	1416.8	-850.5	354.1	0.0
	1	526.8	472.7	1176.5	-435.9	-268.3	0.0
12	21	-1268.0	-690.1	1089.7	603.2	9.7	562.7
	77	784.4	604.4	713.6	2.2	-244.2	0.0
	41	2745.9	-2165.0	1412.1	-847.9	354.4	0.0
	1	525.5	471.0	1172.7	-434.5	-268.0	0.0
13	21	-1268.6	-691.2	1093.1	605.1	9.8	562.7
	77	782.0	606.2	715.9	2.2	-244.7	0.0
	41	2748.0	-2171.9	1416.8	-850.5	354.1	0.0
	1	526.8	472.7	1176.5	-435.9	-268.3	0.0
14	21	-1267.6	-689.4	1087.4	602.0	9.7	562.7
	77	786.0	603.2	712.2	2.2	-243.8	0.0
	41	2744.5	-2160.5	1409.0	-846.2	354.6	0.0
	1	524.5	469.9	1170.2	-433.6	-267.9	0.0
15	21	-1268.6	-691.2	1093.1	605.1	9.8	562.7
	77	782.0	606.2	715.9	2.2	-244.7	0.0
	41	2748.0	-2171.9	1416.8	-850.5	354.1	0.0
	1	526.8	472.7	1176.5	-435.9	-268.3	0.0
16	21	-1267.3	-688.6	1085.1	600.7	9.7	562.6
	77	787.6	601.9	710.7	2.2	-243.4	0.0
	41	2743.1	-2155.9	1406.0	-844.4	354.8	0.0
	1	523.6	468.8	1167.6	-432.8	-267.7	0.0
1	77	-495.2	-2100.4	254.9	-546.7	86.7	-178.3
	114	2371.3	805.5	-373.2	103.2	309.6	0.0
	113	2268.7	296.3	-341.5	-354.8	-108.3	0.0
	41	-1259.9	-1356.7	-391.2	-630.4	183.9	0.0
2	77	-572.6	-2427.5	292.3	-627.1	99.4	-206.9
	114	2723.9	923.9	-428.0	118.3	353.9	0.0
	113	2630.5	339.7	-391.5	-406.9	-128.2	0.0
	41	-1450.4	-1555.9	-448.7	-723.1	210.9	0.0
3	77	-774.9	-1704.9	375.6	-850.0	132.0	-132.7
	114	2073.0	1063.9	-396.6	161.7	124.4	0.0
	113	1836.0	362.6	-339.8	-503.6	-72.2	0.0
	41	-1202.2	-1818.0	-552.7	-896.2	13.6	0.0
4	77	-723.7	-1386.3	74.1	-32.6	-32.4	-84.1
	114	2020.5	291.0	-106.3	-35.3	107.1	0.0
	113	1511.9	44.9	-248.3	-84.0	-27.2	0.0
	41	-1160.5	-428.7	-116.1	-149.6	-4.3	0.0
5	77	-577.8	-2129.1	705.7	-1785.9	335.0	-210.6
	114	1967.8	1920.3	-758.1	402.2	227.3	0.0
	113	2275.2	748.3	-422.4	-976.4	-151.0	0.0
	41	-1099.4	-3374.8	-1036.3	-1736.9	129.2	0.0
6	77	-357.6	-2174.1	687.1	-1770.7	344.7	-228.7
	114	1825.1	1881.5	-777.5	411.4	298.3	0.0
	113	2327.4	761.2	-401.7	-962.1	-173.5	0.0
	41	-969.6	-3319.9	-1014.2	-1710.9	210.3	0.0
7	77	-41.0	-1854.8	313.6	-799.3	164.2	-193.1
	114	1597.4	934.7	-461.5	192.2	361.0	0.0
	113	2010.1	405.5	-270.9	-455.7	-147.4	0.0
	41	-769.5	-1635.0	-479.2	-809.6	284.0	0.0
8	77	10.2	-1536.2	12.1	18.1	-0.1	-144.5
	114	1544.9	161.8	-171.2	-4.8	343.8	0.0
	113	1685.9	87.8	-179.4	-36.1	-102.4	0.0
	41	-727.8	-245.8	-42.6	-63.0	266.1	0.0
9	77	-407.1	-1067.0	-299.4	938.8	-212.8	-48.6
	114	1792.8	-655.8	209.7	-254.4	169.8	0.0
	113	1194.6	-310.8	-117.4	422.4	-1.1	0.0
	41	-960.4	1256.1	419.0	751.8	69.4	0.0
10	77	-187.0	-1112.0	-317.9	954.0	-203.2	-66.7
	114	1650.1	-694.6	190.3	-245.3	240.8	0.0
	113	1246.8	-298.0	-96.8	436.7	-23.6	0.0
	41	-830.6	1311.0	441.0	777.7	150.6	0.0
11	77	-381.3	-1617.0	195.5	-419.4	66.5	-137.5
	114	1820.1	617.8	-286.2	79.1	237.1	0.0
	113	1749.3	227.2	-261.9	-272.1	-84.4	0.0
	41	-968.0	-1040.5	-300.1	-483.5	141.0	0.0

12	77	-381.7	-1618.3	194.9	-418.1	66.3	-137.9
	114	1815.9	616.0	-285.3	78.9	236.0	0.0
	113	1753.7	226.4	-261.0	-271.3	-85.5	0.0
	41	-966.9	-1037.3	-299.2	-482.0	140.6	0.0
13	77	-381.3	-1617.0	195.5	-419.4	66.5	-137.5
	114	1820.1	617.8	-286.2	79.1	237.1	0.0
	113	1749.3	227.2	-261.9	-272.1	-84.4	0.0
	41	-968.0	-1040.5	-300.1	-483.5	141.0	0.0
14	77	-382.0	-1619.2	194.5	-417.2	66.1	-138.2
	114	1813.1	614.7	-284.8	78.7	235.2	0.0
	113	1756.6	225.9	-260.5	-270.7	-86.2	0.0
	41	-966.1	-1035.1	-298.5	-481.1	140.3	0.0
15	77	-381.3	-1617.0	195.5	-419.4	66.5	-137.5
	114	1820.1	617.8	-286.2	79.1	237.1	0.0
	113	1749.3	227.2	-261.9	-272.1	-84.4	0.0
	41	-968.0	-1040.5	-300.1	-483.5	141.0	0.0
16	77	-382.2	-1620.1	194.1	-416.4	66.0	-138.5
	114	1810.3	613.5	-284.2	78.6	234.4	0.0
	113	1759.5	225.4	-259.9	-270.1	-86.9	0.0
	41	-965.4	-1033.0	-297.9	-480.1	140.0	0.0
1	114	-542.7	-3275.7	-515.3	201.1	67.3	-393.9
	189	299.8	132.4	-839.7	-64.8	-214.2	0.0
	188	5491.5	317.6	-540.0	119.6	-798.4	0.0
	113	-979.9	65.3	368.4	165.0	121.2	0.0
2	114	-622.0	-3765.1	-591.0	230.8	77.2	-451.1
	189	396.5	151.7	-962.9	-74.3	-235.0	0.0
	188	6287.0	364.7	-619.6	137.2	-908.8	0.0
	113	-1146.4	74.7	422.4	189.3	143.1	0.0
3	114	-417.2	-2486.7	-606.1	173.1	140.5	-336.7
	189	459.0	104.6	-828.4	-49.2	-116.4	0.0
	188	4416.4	349.4	-514.3	108.2	-618.3	0.0
	113	-951.8	160.3	373.4	187.7	147.6	0.0
4	114	-341.7	-2266.9	-131.8	73.0	-76.9	-305.0
	189	257.8	129.7	-498.8	-69.4	-163.8	0.0
	188	4249.1	160.1	-275.4	94.1	-661.7	0.0
	113	-829.7	-118.5	256.4	84.6	115.4	0.0
5	114	-528.2	-2830.6	-1175.5	311.0	407.6	-358.1
	189	648.1	63.6	-1195.3	-18.6	-67.8	0.0
	188	4492.9	561.3	-804.3	117.5	-538.9	0.0
	113	-1011.9	505.6	485.4	300.6	161.2	0.0
6	114	-547.9	-2905.6	-1189.3	329.0	419.2	-344.9
	189	608.9	53.5	-1180.3	-12.5	-73.5	0.0
	188	4391.2	553.7	-814.1	111.4	-514.2	0.0
	113	-941.4	522.7	464.5	294.3	140.6	0.0
7	114	-482.8	-2736.7	-652.0	233.1	179.3	-292.6
	189	328.4	71.2	-778.3	-29.1	-135.6	0.0
	188	4077.3	323.9	-546.7	88.0	-536.0	0.0
	113	-716.7	217.3	303.7	166.6	79.0	0.0
8	114	-407.3	-2516.9	-177.7	133.0	-38.1	-260.9
	189	127.2	96.3	-448.7	-49.3	-183.0	0.0
	188	3910.0	134.7	-307.8	73.9	-579.4	0.0
	113	-594.7	-61.5	186.7	63.5	46.8	0.0
9	114	-276.6	-2098.0	405.5	-22.8	-316.9	-252.7
	189	-22.7	147.3	-96.8	-85.9	-225.9	0.0
	188	3935.2	-69.6	-8.0	70.7	-683.5	0.0
	113	-605.1	-423.8	95.5	-43.1	53.8	0.0
10	114	-296.3	-2173.0	391.7	-4.8	-305.2	-239.5
	189	-61.9	137.3	-81.8	-79.9	-231.7	0.0
	188	3833.5	-77.3	-17.8	64.6	-658.8	0.0
	113	-534.6	-406.7	74.6	-49.5	33.3	0.0
11	114	-416.1	-2515.1	-395.2	154.3	51.6	-301.9
	189	247.0	101.5	-644.0	-49.7	-160.8	0.0
	188	4208.2	243.7	-414.2	91.8	-610.1	0.0
	113	-758.9	50.0	282.5	126.6	94.3	0.0
12	114	-414.7	-2510.1	-394.0	153.8	51.5	-300.7
	189	264.3	101.1	-642.0	-49.5	-156.6	0.0
	188	4191.3	243.1	-413.0	91.5	-605.9	0.0
	113	-764.3	49.8	281.6	126.2	95.4	0.0
13	114	-416.1	-2515.1	-395.2	154.3	51.6	-301.9
	189	247.0	101.5	-644.0	-49.7	-160.8	0.0
	188	4208.2	243.7	-414.2	91.8	-610.1	0.0
	113	-758.9	50.0	282.5	126.6	94.3	0.0
14	114	-413.7	-2506.8	-393.2	153.5	51.4	-300.0

	189	275.8	100.8	-640.6	-49.4	-153.9	0.0
	188	4180.1	242.7	-412.2	91.3	-603.1	0.0
	113	-767.9	49.6	281.0	126.0	96.1	0.0
15	114	-416.1	-2515.1	-395.2	154.3	51.6	-301.9
	189	247.0	101.5	-644.0	-49.7	-160.8	0.0
	188	4208.2	243.7	-414.2	91.8	-610.1	0.0
	113	-758.9	50.0	282.5	126.6	94.3	0.0
16	114	-412.7	-2503.5	-392.3	153.2	51.2	-299.2
	189	287.4	100.6	-639.2	-49.3	-151.1	0.0
	188	4168.8	242.3	-411.4	91.1	-600.3	0.0
	113	-771.4	49.5	280.3	125.7	96.8	0.0
1	2	-1243.9	-38.0	215.0	176.3	-117.6	611.0
	42	1617.2	256.3	356.6	-96.1	-229.8	0.0
	77	2275.5	-352.4	-73.3	-23.2	431.7	0.0
	21	520.5	-118.9	-219.4	-116.6	-414.2	0.0
2	2	-1434.2	-45.9	246.6	202.2	-134.9	703.7
	42	1864.4	293.8	409.0	-110.2	-266.0	0.0
	77	2629.4	-404.2	-83.8	-26.5	496.3	0.0
	21	600.6	-136.2	-251.4	-133.7	-478.2	0.0
3	2	-1520.4	-290.4	283.4	217.7	-147.9	772.6
	42	1250.9	282.8	529.0	-122.4	-417.4	0.0
	77	2058.9	-474.3	-40.7	-43.2	625.4	0.0
	21	365.3	-130.2	-321.9	-173.1	-557.8	0.0
4	2	-1249.8	47.0	77.8	102.8	-56.7	663.3
	42	1458.4	39.9	46.0	-65.0	-365.9	0.0
	77	1642.7	-141.4	-18.5	-9.4	537.1	0.0
	21	236.1	-13.6	42.6	-17.3	-519.6	0.0
5	2	-1535.4	-621.1	511.3	333.4	-245.3	725.3
	42	929.9	589.6	1081.0	-175.0	-327.6	0.0
	77	2477.4	-834.7	-84.7	-76.6	552.4	0.0
	21	585.8	-279.0	-766.1	-350.3	-448.6	0.0
6	2	-1277.7	-567.2	501.1	317.7	-237.5	575.6
	42	862.3	609.7	1071.2	-162.6	-199.3	0.0
	77	2420.0	-810.8	-100.2	-71.3	401.5	0.0
	21	645.6	-290.0	-782.2	-346.4	-316.7	0.0
7	2	-661.4	-110.6	249.2	165.3	-122.2	273.4
	42	1025.5	349.7	496.4	-81.2	10.4	0.0
	77	1867.4	-394.7	-92.5	-25.7	122.4	0.0
	21	564.7	-166.8	-375.8	-160.0	-118.3	0.0
8	2	-390.8	226.9	43.5	50.4	-31.0	164.2
	42	1233.0	106.8	13.5	-23.7	61.8	0.0
	77	1451.3	-61.9	-70.3	8.2	34.1	0.0
	21	435.5	-50.2	-11.3	-4.2	-80.1	0.0
9	2	-633.4	503.6	-174.1	-49.6	58.6	361.2
	42	1621.6	-220.1	-528.8	16.5	-156.3	0.0
	77	1090.2	274.7	-10.8	36.3	258.0	0.0
	21	155.1	109.6	449.0	169.1	-321.2	0.0
10	2	-375.7	557.6	-184.4	-65.3	66.3	211.4
	42	1554.0	-200.0	-538.6	28.9	-27.9	0.0
	77	1032.8	298.6	-26.3	41.5	107.1	0.0
	21	214.9	98.6	432.8	173.0	-189.4	0.0
11	2	-956.5	-29.9	164.9	135.2	-90.2	469.6
	42	1243.5	196.5	273.5	-73.7	-177.0	0.0
	77	1751.6	-270.3	-56.1	-17.7	331.5	0.0
	21	400.4	-91.2	-168.2	-89.4	-318.7	0.0
12	2	-956.2	-30.6	164.4	134.8	-89.9	469.1
	42	1242.9	195.9	272.7	-73.5	-177.3	0.0
	77	1752.9	-269.5	-55.9	-17.7	330.8	0.0
	21	400.4	-90.8	-167.6	-89.1	-318.8	0.0
13	2	-956.5	-29.9	164.9	135.2	-90.2	469.6
	42	1243.5	196.5	273.5	-73.7	-177.0	0.0
	77	1751.6	-270.3	-56.1	-17.7	331.5	0.0
	21	400.4	-91.2	-168.2	-89.4	-318.7	0.0
14	2	-955.9	-31.1	164.0	134.5	-89.7	468.8
	42	1242.5	195.5	272.1	-73.3	-177.5	0.0
	77	1753.8	-268.9	-55.7	-17.6	330.4	0.0
	21	400.4	-90.6	-167.2	-88.9	-318.9	0.0
15	2	-956.5	-29.9	164.9	135.2	-90.2	469.6
	42	1243.5	196.5	273.5	-73.7	-177.0	0.0
	77	1751.6	-270.3	-56.1	-17.7	331.5	0.0
	21	400.4	-91.2	-168.2	-89.4	-318.7	0.0
16	2	-955.7	-31.6	163.7	134.2	-89.6	468.5
	42	1242.1	195.0	271.5	-73.1	-177.7	0.0

	77	1754.7	-268.3	-55.6	-17.6	330.0	0.0
	21	400.4	-90.3	-166.8	-88.7	-318.9	0.0
1	42	-583.9	-2218.9	-37.9	-266.5	-70.1	-234.0
	115	1406.7	579.5	-341.7	-69.6	10.0	0.0
	114	3280.7	151.1	-174.4	-200.1	-358.0	0.0
	77	-1188.8	-692.7	-313.4	-66.5	65.4	0.0
2	42	-671.9	-2555.1	-43.3	-305.6	-80.4	-268.6
	115	1639.1	664.8	-391.7	-79.9	14.9	0.0
	114	3771.0	173.2	-200.2	-229.5	-409.6	0.0
	77	-1378.5	-794.7	-359.5	-76.3	76.9	0.0
3	42	-798.7	-1736.5	-29.8	-424.4	-93.6	-124.9
	115	1260.4	791.3	-353.9	-95.5	-65.0	0.0
	114	2506.9	159.1	-182.4	-323.2	-203.0	0.0
	77	-1068.7	-978.5	-522.6	-126.7	-42.0	0.0
4	42	-752.6	-1467.4	-98.0	-10.2	-57.6	-89.4
	115	1293.7	177.0	-216.9	-52.9	-91.6	0.0
	114	2250.4	8.6	-133.4	-18.8	-175.1	0.0
	77	-1100.0	-171.9	17.0	-4.8	-58.0	0.0
5	42	-622.3	-2119.3	74.5	-897.3	-120.0	-216.2
	115	1099.0	1477.7	-495.8	-130.4	29.1	0.0
	114	2895.2	356.4	-222.1	-665.1	-292.9	0.0
	77	-919.0	-1885.9	-1142.1	-258.3	48.1	0.0
6	42	-425.0	-2178.4	95.6	-888.5	-106.7	-258.8
	115	993.9	1451.8	-480.3	-117.8	83.2	0.0
	114	2971.5	374.9	-207.1	-653.8	-342.2	0.0
	77	-822.2	-1857.1	-1133.5	-249.2	109.4	0.0
7	42	-141.1	-1933.4	40.7	-395.0	-49.1	-267.1
	115	910.1	705.0	-302.5	-53.3	115.4	0.0
	114	2761.2	221.0	-132.3	-285.6	-367.2	0.0
	77	-745.8	-882.4	-494.0	-96.4	162.2	0.0
8	42	-95.0	-1664.3	-27.5	19.1	-13.1	-231.5
	115	943.3	90.7	-165.5	-10.7	88.9	0.0
	114	2504.7	70.5	-83.3	18.8	-339.4	0.0
	77	-777.2	-75.8	45.6	25.5	146.2	0.0
9	42	-468.7	-1222.3	-152.9	483.3	-0.1	-97.7
	115	1209.9	-569.8	-39.0	11.6	-59.4	0.0
	114	2040.1	-145.4	-58.6	349.4	-200.1	0.0
	77	-1023.7	802.8	656.5	148.1	-5.2	0.0
10	42	-271.4	-1281.4	-131.7	492.1	13.3	-140.3
	115	1104.8	-595.7	-23.6	24.3	-5.2	0.0
	114	2116.4	-126.8	-43.6	360.7	-249.4	0.0
	77	-926.8	831.6	665.1	157.2	56.1	0.0
11	42	-448.5	-1705.2	-29.0	-204.4	-53.8	-179.5
	115	1087.3	444.5	-262.0	-53.4	8.8	0.0
	114	2518.9	115.9	-133.8	-153.4	-274.3	0.0
	77	-916.7	-531.4	-240.4	-51.0	50.8	0.0
12	42	-447.9	-1703.4	-28.9	-203.7	-53.6	-179.0
	115	1092.8	443.2	-261.1	-53.3	10.0	0.0
	114	2514.0	115.5	-133.5	-153.0	-273.1	0.0
	77	-919.0	-529.8	-239.7	-50.8	51.3	0.0
13	42	-448.5	-1705.2	-29.0	-204.4	-53.8	-179.5
	115	1087.3	444.5	-262.0	-53.4	8.8	0.0
	114	2518.9	115.9	-133.8	-153.4	-274.3	0.0
	77	-916.7	-531.4	-240.4	-51.0	50.8	0.0
14	42	-447.5	-1702.2	-28.8	-203.3	-53.5	-178.7
	115	1096.4	442.3	-260.6	-53.2	10.8	0.0
	114	2510.7	115.2	-133.2	-152.7	-272.3	0.0
	77	-920.6	-528.7	-239.2	-50.7	51.6	0.0
15	42	-448.5	-1705.2	-29.0	-204.4	-53.8	-179.5
	115	1087.3	444.5	-262.0	-53.4	8.8	0.0
	114	2518.9	115.9	-133.8	-153.4	-274.3	0.0
	77	-916.7	-531.4	-240.4	-51.0	50.8	0.0
16	42	-447.1	-1701.0	-28.7	-202.8	-53.4	-178.4
	115	1100.0	441.4	-260.0	-53.1	11.5	0.0
	114	2507.4	114.9	-133.0	-152.4	-271.6	0.0
	77	-922.1	-527.7	-238.7	-50.6	51.9	0.0
1	115	-10.9	-1956.4	-84.2	122.5	-50.0	-156.2
	190	4700.3	181.6	-714.4	-117.4	877.0	0.0
	189	1167.8	343.9	-700.3	64.8	211.8	0.0
	114	-2376.2	-441.3	346.4	29.6	442.2	0.0
2	115	-17.3	-2270.7	-96.6	140.3	-57.5	-183.3
	190	5376.3	208.3	-819.7	-134.6	999.4	0.0

	189	1395.9	394.4	-802.9	74.3	232.2	0.0
	114	-2729.7	-506.2	397.5	34.0	506.8	0.0
3	115	26.1	-1531.3	-55.5	65.9	-32.3	-138.1
	190	3825.8	192.9	-753.3	-110.0	726.6	0.0
	189	1051.8	360.0	-660.8	42.7	104.7	0.0
	114	-2064.1	-508.1	413.2	-16.0	405.3	0.0
4	115	-71.0	-1294.5	-130.2	183.3	-83.9	-85.1
	190	3715.0	103.6	-372.8	-92.6	679.2	0.0
	189	757.0	194.5	-461.4	82.3	164.8	0.0
	114	-1985.0	-192.6	173.3	94.0	363.8	0.0
5	115	145.1	-1883.5	51.7	-93.3	41.9	-208.7
	190	3806.0	290.1	-1183.8	-122.0	751.2	0.0
	189	1433.5	542.0	-873.3	-12.6	43.8	0.0
	114	-2008.3	-866.0	672.3	-155.8	419.6	0.0
6	115	150.0	-1948.6	69.0	-112.3	53.8	-216.1
	190	3678.1	284.1	-1172.3	-114.8	724.9	0.0
	189	1465.8	532.6	-856.0	-20.6	51.6	0.0
	114	-1881.3	-857.2	654.6	-165.7	390.4	0.0
7	115	42.5	-1748.2	2.0	2.5	7.5	-162.8
	190	3399.7	172.9	-715.0	-86.0	639.1	0.0
	189	1159.4	328.6	-603.2	16.4	130.9	0.0
	114	-1640.9	-478.9	354.0	-48.9	308.0	0.0
8	115	-54.6	-1511.4	-72.6	120.0	-44.1	-109.8
	190	3288.9	83.5	-334.5	-68.6	591.8	0.0
	189	864.5	163.2	-403.9	55.9	191.0	0.0
	114	-1561.8	-163.4	114.2	61.1	266.5	0.0
9	115	-178.6	-1094.1	-197.1	298.2	-130.2	-31.8
	190	3436.6	-7.6	84.5	-63.9	593.4	0.0
	189	450.6	-9.4	-208.7	119.2	244.1	0.0
	114	-1744.5	185.8	-127.2	210.8	281.4	0.0
10	115	-173.6	-1159.2	-179.8	279.2	-118.3	-39.2
	190	3308.8	-13.6	96.0	-56.6	567.2	0.0
	189	482.9	-18.8	-191.4	111.3	252.0	0.0
	114	-1617.6	194.5	-144.9	200.9	252.2	0.0
11	115	-9.9	-1509.2	-64.6	93.9	-38.4	-121.1
	190	3600.3	139.3	-548.1	-90.0	670.6	0.0
	189	914.1	263.7	-537.0	49.7	159.0	0.0
	114	-1823.9	-338.5	265.7	22.7	339.1	0.0
12	115	-11.5	-1513.8	-64.4	93.5	-38.3	-122.2
	190	3584.2	138.9	-546.5	-89.8	666.3	0.0
	189	930.6	262.9	-535.3	49.6	154.8	0.0
	114	-1819.8	-337.4	265.0	22.6	337.9	0.0
13	115	-9.9	-1509.2	-64.6	93.9	-38.4	-121.1
	190	3600.3	139.3	-548.1	-90.0	670.6	0.0
	189	914.1	263.7	-537.0	49.7	159.0	0.0
	114	-1823.9	-338.5	265.7	22.7	339.1	0.0
14	115	-12.6	-1516.8	-64.3	93.3	-38.3	-122.9
	190	3573.5	138.6	-545.5	-89.6	663.4	0.0
	189	941.6	262.4	-534.1	49.5	152.0	0.0
	114	-1817.1	-336.8	264.5	22.6	337.1	0.0
15	115	-9.9	-1509.2	-64.6	93.9	-38.4	-121.1
	190	3600.3	139.3	-548.1	-90.0	670.6	0.0
	189	914.1	263.7	-537.0	49.7	159.0	0.0
	114	-1823.9	-338.5	265.7	22.7	339.1	0.0
16	115	-13.7	-1519.8	-64.1	93.0	-38.2	-123.6
	190	3562.7	138.4	-544.4	-89.4	660.6	0.0
	189	952.7	261.8	-532.9	49.4	149.3	0.0
	114	-1814.3	-336.1	263.9	22.6	336.3	0.0
1	22	-1033.0	6.6	-87.2	-31.6	-50.9	488.9
	78	1296.7	56.8	125.8	-9.8	-240.1	0.0
	42	2307.7	20.0	-55.6	111.1	277.1	0.0
	2	764.3	10.5	-230.6	-27.5	-385.1	0.0
2	22	-1190.6	10.4	-99.9	-36.1	-58.5	564.0
	78	1504.8	65.2	144.4	-11.3	-275.6	0.0
	42	2657.1	22.9	-63.9	127.4	320.4	0.0
	2	876.1	11.9	-264.5	-31.6	-443.7	0.0
3	22	-1245.6	-166.7	-61.9	-32.0	-75.9	629.8
	78	1032.5	66.6	256.8	-1.6	-367.9	0.0
	42	1916.5	-43.9	-46.4	139.9	471.0	0.0
	2	556.0	11.9	-321.3	-51.7	-472.7	0.0
4	22	-1025.0	141.8	-45.3	35.0	-28.9	535.1
	78	1317.8	-41.3	-38.3	27.4	-346.8	0.0
	42	1543.1	34.1	27.0	72.0	394.7	0.0

	2	335.3	42.2	13.2	31.1	-494.7	0.0
5	22	-1263.3	-511.8	-90.0	-128.0	-121.3	595.7
	78	582.6	214.0	591.7	-49.8	-270.4	0.0
	42	2379.1	-121.0	-154.9	204.2	406.8	0.0
	2	907.9	-37.0	-726.6	-155.7	-315.3	0.0
6	22	-1057.9	-499.2	-97.5	-143.2	-113.1	471.7
	78	482.4	232.4	583.7	-62.0	-165.8	0.0
	42	2402.2	-109.0	-174.5	191.3	275.5	0.0
	2	989.0	-48.5	-739.4	-162.0	-202.3	0.0
7	22	-561.0	-124.7	-87.0	-82.7	-48.7	216.7
	78	698.3	127.8	229.9	-42.5	-19.1	0.0
	42	1993.4	-3.9	-111.8	97.0	33.3	0.0
	2	826.2	-26.5	-364.1	-73.0	-96.2	0.0
8	22	-340.5	183.8	-70.5	-15.7	-1.7	122.1
	78	983.6	19.9	-65.2	-13.4	2.0	0.0
	42	1619.9	74.1	-38.4	29.0	-42.9	0.0
	2	605.6	3.8	-29.6	9.8	-118.2	0.0
9	22	-528.1	516.4	-34.8	95.4	35.5	280.1
	78	1533.7	-145.8	-392.0	46.9	-200.0	0.0
	42	1134.3	139.2	89.7	-22.3	152.6	0.0
	2	172.5	64.1	388.6	120.1	-388.6	0.0
10	22	-322.8	529.0	-42.4	80.2	43.7	156.2
	78	1433.5	-127.5	-400.1	34.7	-95.4	0.0
	42	1157.4	151.2	70.1	-35.2	21.3	0.0
	2	253.6	52.6	375.7	113.8	-275.7	0.0
11	22	-794.2	6.0	-66.9	-24.2	-39.1	376.0
	78	1000.3	43.6	96.5	-7.5	-184.2	0.0
	42	1773.3	15.3	-42.7	85.2	213.4	0.0
	2	586.0	8.0	-176.9	-21.1	-296.0	0.0
12	22	-793.8	7.0	-66.6	-24.1	-39.0	376.0
	78	1003.2	43.5	96.2	-7.5	-183.7	0.0
	42	1771.4	15.2	-42.6	84.9	213.6	0.0
	2	584.1	7.9	-176.3	-21.1	-295.8	0.0
13	22	-794.2	6.0	-66.9	-24.2	-39.1	376.0
	78	1000.3	43.6	96.5	-7.5	-184.2	0.0
	42	1773.3	15.3	-42.7	85.2	213.4	0.0
	2	586.0	8.0	-176.9	-21.1	-296.0	0.0
14	22	-793.5	7.6	-66.4	-24.0	-38.9	376.0
	78	1005.1	43.4	96.1	-7.5	-183.4	0.0
	42	1770.1	15.2	-42.5	84.7	213.8	0.0
	2	582.8	7.9	-176.0	-21.0	-295.7	0.0
15	22	-794.2	6.0	-66.9	-24.2	-39.1	376.0
	78	1000.3	43.6	96.5	-7.5	-184.2	0.0
	42	1773.3	15.3	-42.7	85.2	213.4	0.0
	2	586.0	8.0	-176.9	-21.1	-296.0	0.0
16	22	-793.2	8.3	-66.3	-23.9	-38.8	375.9
	78	1007.1	43.3	95.9	-7.5	-183.1	0.0
	42	1768.9	15.1	-42.4	84.6	214.0	0.0
	2	581.4	7.8	-175.6	-21.0	-295.6	0.0
1	78	-437.2	-1553.8	36.4	20.0	-112.8	-69.8
	116	2696.8	287.6	-155.7	-157.8	305.9	0.0
	115	1842.7	-85.6	-132.8	-27.5	-23.5	0.0
	42	-1706.0	-238.4	-34.5	55.1	186.7	0.0
2	78	-505.4	-1797.5	41.6	22.8	-129.4	-82.0
	116	3100.8	329.9	-178.8	-181.0	349.5	0.0
	115	2139.7	-98.1	-152.2	-31.5	-30.5	0.0
	42	-1966.4	-273.4	-39.5	63.2	214.1	0.0
3	78	-627.5	-1212.1	39.6	-73.4	-152.6	0.3
	116	2200.3	359.4	-145.2	-205.6	166.4	0.0
	115	1437.5	-116.0	-58.1	-33.5	41.7	0.0
	42	-1442.7	-277.9	-110.2	77.1	70.6	0.0
4	78	-576.6	-961.0	-63.1	60.4	-63.3	34.8
	116	2355.2	115.6	-124.4	-78.5	154.7	0.0
	115	1155.0	67.0	-194.6	34.5	76.2	0.0
	42	-1564.1	-116.8	8.5	50.3	60.9	0.0
5	78	-501.6	-1585.2	186.9	-214.3	-241.3	-91.2
	116	1867.9	630.7	-158.1	-338.5	229.5	0.0
	115	1863.5	-357.8	118.9	-127.7	-55.4	0.0
	42	-1165.6	-454.6	-231.5	93.3	135.2	0.0
6	78	-342.9	-1653.9	210.4	-201.4	-228.0	-135.0
	116	1737.8	619.5	-148.4	-325.3	271.8	0.0
	115	1946.2	-382.2	134.2	-140.5	-104.1	0.0
	42	-1049.4	-445.0	-216.7	80.3	181.0	0.0

7	78	-98.2	-1441.0	118.1	-30.2	-108.4	-145.8
	116	1766.9	322.0	-112.9	-161.6	307.5	0.0
	115	1713.2	-197.1	-7.1	-76.1	-120.7	0.0
	42	-1055.5	-245.8	-60.9	33.7	223.1	0.0
8	78	-47.3	-1189.9	15.4	103.5	-19.1	-111.3
	116	1921.8	78.2	-92.1	-34.5	295.8	0.0
	115	1430.8	-14.2	-143.6	-8.2	-86.2	0.0
	42	-1176.9	-84.6	57.8	6.8	213.4	0.0
9	78	-332.0	-748.2	-155.4	231.5	56.4	24.0
	116	2384.3	-181.9	-88.8	85.2	190.3	0.0
	115	922.0	252.0	-335.9	98.9	59.6	0.0
	42	-1570.2	82.4	164.3	3.7	103.0	0.0
10	78	-173.2	-816.8	-131.9	244.5	69.6	-19.8
	116	2254.3	-193.1	-79.1	98.4	232.7	0.0
	115	1004.8	227.7	-320.6	86.1	10.9	0.0
	42	-1454.0	92.1	179.1	-9.4	148.7	0.0
11	78	-336.6	-1196.7	27.9	15.3	-86.5	-54.2
	116	2070.9	220.6	-119.5	-121.0	234.2	0.0
	115	1421.8	-65.6	-101.8	-21.1	-19.2	0.0
	42	-1311.6	-182.8	-26.4	42.3	143.2	0.0
12	78	-336.9	-1198.3	27.7	15.2	-86.3	-54.7
	116	2067.2	219.9	-119.2	-120.6	233.0	0.0
	115	1426.4	-65.4	-101.5	-21.0	-20.3	0.0
	42	-1310.9	-182.2	-26.3	42.2	142.7	0.0
13	78	-336.6	-1196.7	27.9	15.3	-86.5	-54.2
	116	2070.9	220.6	-119.5	-121.0	234.2	0.0
	115	1421.8	-65.6	-101.8	-21.1	-19.2	0.0
	42	-1311.6	-182.8	-26.4	42.3	143.2	0.0
14	78	-337.1	-1199.4	27.7	15.2	-86.1	-55.0
	116	2064.8	219.5	-119.0	-120.4	232.2	0.0
	115	1429.5	-65.3	-101.2	-20.9	-21.1	0.0
	42	-1310.5	-181.8	-26.3	42.1	142.4	0.0
15	78	-336.6	-1196.7	27.9	15.3	-86.5	-54.2
	116	2070.9	220.6	-119.5	-121.0	234.2	0.0
	115	1421.8	-65.6	-101.8	-21.1	-19.2	0.0
	42	-1311.6	-182.8	-26.4	42.3	143.2	0.0
16	78	-337.3	-1200.5	27.6	15.1	-85.9	-55.3
	116	2062.3	219.0	-118.7	-120.2	231.5	0.0
	115	1432.6	-65.1	-101.0	-20.9	-21.9	0.0
	42	-1310.0	-181.5	-26.2	42.0	142.1	0.0
1	116	-389.8	-3018.8	-175.7	5.1	-158.2	-430.5
	191	521.2	273.9	-905.7	-167.7	-182.6	0.0
	190	5326.2	311.7	-505.5	105.1	-862.9	0.0
	115	-1293.1	-409.8	352.1	147.2	169.6	0.0
2	116	-445.4	-3468.7	-201.5	6.0	-181.5	-493.4
	191	652.5	314.0	-1038.5	-192.4	-198.8	0.0
	190	6096.3	357.7	-580.1	120.6	-983.3	0.0
	115	-1508.2	-470.1	403.6	168.9	198.8	0.0
3	116	-282.2	-2266.0	-136.5	-54.7	-178.1	-337.4
	191	628.6	318.7	-937.1	-191.8	-97.4	0.0
	190	4276.8	341.5	-506.0	87.8	-713.6	0.0
	115	-1214.2	-499.8	350.3	157.8	180.7	0.0
4	116	-416.3	-2087.2	-183.3	118.6	-106.7	-278.1
	191	479.6	127.1	-501.7	-87.1	-187.6	0.0
	190	4148.7	159.6	-328.3	101.9	-662.7	0.0
	115	-1152.9	-141.4	230.1	102.5	119.4	0.0
5	116	-87.4	-2564.0	-63.4	-276.4	-245.9	-420.2
	191	739.4	531.9	-1423.6	-305.7	19.6	0.0
	190	4302.4	544.4	-690.7	61.0	-745.2	0.0
	115	-1167.4	-911.7	474.6	209.6	241.2	0.0
6	116	-54.5	-2640.6	-47.7	-293.1	-232.7	-431.8
	191	685.4	523.1	-1405.1	-298.6	29.6	0.0
	190	4196.4	536.4	-671.4	52.1	-721.5	0.0
	115	-1066.0	-906.4	461.1	198.8	231.7	0.0
7	116	-172.5	-2521.3	-84.0	-110.4	-134.1	-376.0
	191	448.6	289.2	-875.6	-168.1	-63.9	0.0
	190	3923.4	315.0	-441.6	58.1	-634.4	0.0
	115	-876.3	-482.2	305.1	121.7	149.1	0.0
8	116	-306.6	-2342.5	-130.8	62.9	-62.8	-316.7
	191	299.6	97.6	-440.2	-63.4	-154.1	0.0
	190	3795.3	133.2	-264.0	72.2	-583.5	0.0
	115	-815.1	-123.9	184.9	66.4	87.8	0.0
9	116	-534.3	-1967.9	-219.6	301.3	-8.1	-222.4

	191	242.8	-106.7	27.8	43.4	-281.1	0.0
	190	3875.7	-61.8	-98.5	108.0	-575.6	0.0
	115	-963.2	282.7	74.1	25.4	36.9	0.0
10	116	-501.5	-2044.4	-203.9	284.6	5.1	-234.0
	191	188.8	-115.5	46.3	50.5	-271.1	0.0
	190	3769.6	-69.7	-79.2	99.1	-551.9	0.0
	115	-861.9	288.0	60.6	14.6	27.4	0.0
11	116	-298.4	-2317.4	-134.8	4.0	-121.3	-330.1
	191	417.5	210.0	-694.6	-128.6	-136.6	0.0
	190	4081.1	239.1	-387.8	80.6	-659.8	0.0
	115	-999.9	-314.3	270.0	112.9	131.5	0.0
12	116	-296.9	-2312.5	-134.4	4.0	-121.0	-328.9
	191	435.0	209.3	-692.3	-128.2	-132.5	0.0
	190	4064.2	238.4	-386.7	80.4	-655.6	0.0
	115	-1005.4	-313.4	269.1	112.6	132.5	0.0
13	116	-298.4	-2317.4	-134.8	4.0	-121.3	-330.1
	191	417.5	210.0	-694.6	-128.6	-136.6	0.0
	190	4081.1	239.1	-387.8	80.6	-659.8	0.0
	115	-999.9	-314.3	270.0	112.9	131.5	0.0
14	116	-295.9	-2309.2	-134.1	4.0	-120.8	-328.2
	191	446.6	208.9	-690.9	-128.0	-129.8	0.0
	190	4052.9	238.0	-386.0	80.2	-652.7	0.0
	115	-1009.1	-312.8	268.5	112.4	133.2	0.0
15	116	-298.4	-2317.4	-134.8	4.0	-121.3	-330.1
	191	417.5	210.0	-694.6	-128.6	-136.6	0.0
	190	4081.1	239.1	-387.8	80.6	-659.8	0.0
	115	-999.9	-314.3	270.0	112.9	131.5	0.0
16	116	-294.9	-2305.9	-133.8	4.1	-120.5	-327.4
	191	458.3	208.4	-689.4	-127.7	-127.1	0.0
	190	4041.7	237.6	-385.3	80.1	-649.9	0.0
	115	-1012.8	-312.2	267.9	112.2	133.9	0.0
1	3	-746.8	411.8	-39.7	-61.6	-53.0	416.0
	43	1935.8	177.8	110.8	-23.1	-51.3	0.0
	78	1630.4	28.1	-201.7	33.2	285.0	0.0
	22	397.3	-166.1	-362.2	-60.6	-271.0	0.0
2	3	-861.1	472.4	-45.7	-70.8	-60.7	478.7
	43	2232.4	203.8	127.0	-26.5	-60.2	0.0
	78	1885.9	32.3	-231.2	38.1	327.0	0.0
	22	457.8	-190.4	-415.3	-69.5	-313.1	0.0
3	3	-882.2	213.7	-37.9	-99.9	-72.2	498.6
	43	1584.1	182.1	216.5	-47.4	-156.7	0.0
	78	1327.7	7.9	-161.2	67.4	407.3	0.0
	22	237.3	-171.6	-472.0	-101.5	-336.7	0.0
4	3	-730.6	503.5	13.5	46.0	-35.9	439.2
	43	1954.1	9.4	0.6	-18.9	-166.1	0.0
	78	953.1	-19.3	-61.9	24.6	370.8	0.0
	22	-48.1	-32.9	-31.6	-14.5	-370.0	0.0
5	3	-896.3	-156.0	-110.6	-284.3	-105.0	462.6
	43	955.3	411.2	451.2	-69.6	-61.3	0.0
	78	1848.3	58.8	-306.3	102.9	329.5	0.0
	22	717.3	-350.2	-1002.3	-194.7	-196.9	0.0
6	3	-756.7	-183.1	-121.6	-296.4	-96.7	372.4
	43	786.4	434.8	436.5	-60.3	11.1	0.0
	78	1920.0	75.2	-331.3	90.5	226.3	0.0
	22	843.4	-364.6	-1016.5	-187.5	-110.3	0.0
7	3	-416.9	123.3	-74.4	-140.1	-44.7	197.7
	43	1021.0	260.8	167.6	-16.2	84.7	0.0
	78	1566.6	62.4	-244.7	26.1	63.1	0.0
	22	657.7	-219.5	-519.1	-77.6	-48.0	0.0
8	3	-265.2	413.1	-23.0	5.9	-8.3	138.3
	43	1391.1	88.1	-48.3	12.2	75.3	0.0
	78	1192.1	35.1	-145.3	-16.8	26.6	0.0
	22	372.3	-80.8	-78.7	9.5	-81.3	0.0
9	3	-390.7	809.9	60.7	202.3	16.2	264.6
	43	2188.8	-164.6	-268.3	25.2	-92.5	0.0
	78	599.8	-32.1	24.7	-39.8	207.6	0.0
	22	-233.9	112.2	465.7	95.5	-307.7	0.0
10	3	-251.1	782.7	49.7	190.3	24.4	174.3
	43	2019.8	-141.0	-283.0	34.5	-20.1	0.0
	78	671.5	-15.8	-0.3	-52.3	104.4	0.0
	22	-107.8	97.8	451.6	102.7	-221.1	0.0
11	3	-574.3	315.9	-30.5	-47.3	-40.6	319.6
	43	1488.7	136.3	85.0	-17.7	-39.8	0.0

	78	1255.7	21.6	-154.7	25.5	218.6	0.0
	22	305.4	-127.4	-277.8	-46.5	-208.6	0.0
12	3	-574.1	314.9	-30.5	-47.2	-40.5	319.2
	43	1488.3	135.9	84.6	-17.7	-40.1	0.0
	78	1257.2	21.5	-154.2	25.4	218.0	0.0
	22	305.2	-126.9	-276.9	-46.3	-208.7	0.0
13	3	-574.3	315.9	-30.5	-47.3	-40.6	319.6
	43	1488.7	136.3	85.0	-17.7	-39.8	0.0
	78	1255.7	21.6	-154.7	25.5	218.6	0.0
	22	305.4	-127.4	-277.8	-46.5	-208.6	0.0
14	3	-573.9	314.3	-30.5	-47.1	-40.4	318.9
	43	1488.0	135.6	84.4	-17.6	-40.3	0.0
	78	1258.3	21.5	-153.8	25.4	217.6	0.0
	22	305.0	-126.6	-276.3	-46.2	-208.9	0.0
15	3	-574.3	315.9	-30.5	-47.3	-40.6	319.6
	43	1488.7	136.3	85.0	-17.7	-39.8	0.0
	78	1255.7	21.6	-154.7	25.5	218.6	0.0
	22	305.4	-127.4	-277.8	-46.5	-208.6	0.0
16	3	-573.8	313.7	-30.4	-47.1	-40.3	318.6
	43	1487.7	135.3	84.2	-17.6	-40.6	0.0
	78	1259.4	21.5	-153.5	25.4	217.2	0.0
	22	304.9	-126.3	-275.7	-46.1	-209.0	0.0
1	43	-532.8	-1748.6	-148.3	-4.2	-84.9	-168.1
	117	1589.5	165.2	-326.9	-98.2	-46.0	0.0
	116	2812.2	104.4	-129.2	81.2	-289.1	0.0
	78	-1373.3	-121.2	55.9	89.4	24.9	0.0
2	43	-612.6	-2013.5	-170.0	-4.7	-97.4	-192.7
	117	1852.0	189.3	-374.7	-112.8	-48.9	0.0
	116	3231.2	119.8	-148.3	93.1	-330.3	0.0
	78	-1593.1	-139.1	64.0	102.5	30.6	0.0
3	43	-656.2	-1322.4	-189.4	-94.6	-126.5	-73.4
	117	1373.9	218.6	-312.8	-146.8	-93.5	0.0
	116	2112.9	112.0	-98.3	109.1	-162.8	0.0
	78	-1200.5	-174.8	-34.9	123.6	-42.6	0.0
4	43	-614.1	-1142.5	-143.6	19.7	-36.7	-51.9
	117	1523.2	66.8	-218.7	-38.3	-121.0	0.0
	116	1955.2	148.2	-136.4	61.3	-151.3	0.0
	78	-1374.7	-40.9	63.8	57.2	-56.1	0.0
5	43	-545.7	-1607.5	-205.1	-203.8	-219.5	-144.1
	117	1057.2	383.8	-410.5	-261.0	-7.5	0.0
	116	2375.4	34.4	-40.6	148.6	-219.2	0.0
	78	-842.9	-320.2	-130.5	185.5	22.7	0.0
6	43	-408.9	-1672.1	-172.8	-183.2	-209.4	-183.1
	117	935.0	373.5	-400.1	-250.4	38.7	0.0
	116	2442.9	4.0	-29.3	134.6	-256.0	0.0
	78	-710.5	-310.9	-113.8	172.0	65.2	0.0
7	43	-200.2	-1537.5	-81.7	-25.9	-92.6	-203.6
	117	966.6	184.3	-278.1	-111.4	60.4	0.0
	116	2337.6	10.7	-60.4	62.3	-285.5	0.0
	78	-759.2	-143.7	21.0	78.9	99.0	0.0
8	43	-158.1	-1357.6	-35.9	88.4	-2.7	-182.1
	117	1115.9	32.4	-183.9	-2.9	32.9	0.0
	116	2180.0	46.8	-98.5	14.5	-274.0	0.0
	78	-933.3	-9.8	119.7	12.5	85.5	0.0
9	43	-405.3	-1008.0	-52.5	177.0	80.1	-72.4
	117	1554.8	-122.4	-96.6	100.7	-99.2	0.0
	116	1850.0	154.9	-167.5	-11.0	-180.8	0.0
	78	-1423.4	126.3	198.6	-36.0	-22.3	0.0
10	43	-268.6	-1072.5	-20.2	197.6	90.2	-111.5
	117	1432.6	-132.8	-86.2	111.3	-53.1	0.0
	116	1917.4	124.5	-156.1	-25.0	-217.7	0.0
	78	-1291.0	135.6	215.4	-49.4	20.2	0.0
11	43	-409.2	-1343.8	-113.7	-3.2	-65.1	-128.9
	117	1228.5	126.7	-250.6	-75.4	-34.0	0.0
	116	2158.8	80.1	-99.1	62.3	-221.3	0.0
	78	-1059.2	-93.0	42.8	68.6	19.8	0.0
12	43	-408.4	-1342.4	-113.3	-3.2	-65.0	-128.5
	117	1234.7	126.2	-249.8	-75.2	-32.6	0.0
	116	2154.2	79.8	-98.9	62.1	-220.2	0.0
	78	-1062.1	-92.7	42.7	68.4	20.4	0.0
13	43	-409.2	-1343.8	-113.7	-3.2	-65.1	-128.9
	117	1228.5	126.7	-250.6	-75.4	-34.0	0.0
	116	2158.8	80.1	-99.1	62.3	-221.3	0.0

	78	-1059.2	-93.0	42.8	68.6	19.8	0.0
14	43	-407.9	-1341.4	-113.1	-3.1	-64.8	-128.2
	117	1238.8	125.9	-249.2	-75.1	-31.7	0.0
	116	2151.1	79.7	-98.7	62.0	-219.5	0.0
	78	-1064.0	-92.6	42.6	68.2	20.8	0.0
15	43	-409.2	-1343.8	-113.7	-3.2	-65.1	-128.9
	117	1228.5	126.7	-250.6	-75.4	-34.0	0.0
	116	2158.8	80.1	-99.1	62.3	-221.3	0.0
	78	-1059.2	-93.0	42.8	68.6	19.8	0.0
16	43	-407.4	-1340.5	-112.8	-3.1	-64.7	-127.9
	117	1242.8	125.7	-248.6	-74.9	-30.8	0.0
	116	2148.0	79.5	-98.5	61.9	-218.8	0.0
	78	-1066.0	-92.4	42.5	68.1	21.3	0.0
1	117	77.8	-1640.8	-202.9	195.2	-111.8	-201.4
	192	4686.2	61.2	-590.5	-155.1	803.8	0.0
	191	980.4	358.0	-639.0	138.5	151.3	0.0
	116	-2490.2	-216.2	279.8	234.8	413.7	0.0
2	117	83.9	-1905.9	-232.9	223.7	-128.4	-234.6
	192	5362.5	70.5	-677.6	-178.0	915.7	0.0
	191	1178.6	410.5	-732.8	158.9	163.3	0.0
	116	-2863.3	-248.1	321.0	269.3	474.2	0.0
3	117	51.2	-1275.1	-169.1	158.6	-127.1	-185.9
	192	3635.0	35.5	-603.3	-161.9	661.3	0.0
	191	913.4	400.8	-613.4	153.2	59.8	0.0
	116	-2020.4	-232.4	297.6	274.0	365.4	0.0
4	117	-98.2	-1090.5	-83.4	202.1	-75.5	-103.9
	192	3980.2	97.5	-349.7	-89.9	608.6	0.0
	191	579.2	179.4	-464.5	89.9	165.2	0.0
	116	-2210.3	-136.9	160.1	120.1	306.5	0.0
5	117	278.7	-1556.9	-288.9	85.5	-175.9	-290.5
	192	3051.6	-50.5	-880.5	-240.5	700.9	0.0
	191	1349.7	646.7	-750.0	215.6	-70.2	0.0
	116	-1650.3	-329.7	446.9	440.7	419.0	0.0
6	117	324.4	-1614.0	-305.9	66.2	-166.3	-298.1
	192	2896.8	-62.2	-864.4	-235.8	682.2	0.0
	191	1389.5	635.9	-718.2	206.0	-76.3	0.0
	116	-1523.0	-317.6	437.3	429.6	406.1	0.0
7	117	203.4	-1465.1	-225.8	94.3	-94.9	-211.2
	192	3119.0	-3.5	-549.7	-146.3	598.8	0.0
	191	1046.2	365.0	-507.4	120.9	39.6	0.0
	116	-1596.1	-192.2	265.7	237.2	322.2	0.0
8	117	54.1	-1280.6	-140.1	137.8	-43.4	-129.2
	192	3464.3	58.5	-296.0	-74.3	546.1	0.0
	191	712.0	143.5	-358.5	57.6	145.0	0.0
	116	-1786.1	-96.8	128.2	83.3	263.3	0.0
9	117	-219.2	-941.7	-3.3	230.2	-4.2	-17.1
	192	4202.4	156.2	-34.9	-0.4	525.2	0.0
	191	235.9	-91.6	-253.7	4.9	281.1	0.0
	116	-2283.5	-11.5	-11.4	-72.3	222.7	0.0
10	117	-173.5	-998.7	-20.3	211.0	5.5	-24.7
	192	4047.6	144.5	-18.8	4.2	506.5	0.0
	191	275.7	-102.3	-221.9	-4.8	275.0	0.0
	116	-2156.2	0.5	-21.0	-83.4	209.7	0.0
11	117	58.0	-1266.3	-155.7	149.6	-85.8	-155.6
	192	3590.3	47.0	-453.0	-119.0	614.5	0.0
	191	769.6	274.5	-490.1	106.2	112.7	0.0
	116	-1912.3	-165.9	214.6	180.1	317.2	0.0
12	117	56.0	-1270.6	-155.3	149.1	-85.6	-156.4
	192	3575.0	47.0	-451.8	-118.7	610.4	0.0
	191	785.7	273.6	-488.5	105.9	108.8	0.0
	116	-1908.9	-165.4	214.0	179.5	316.1	0.0
13	117	58.0	-1266.3	-155.7	149.6	-85.8	-155.6
	192	3590.3	47.0	-453.0	-119.0	614.5	0.0
	191	769.6	274.5	-490.1	106.2	112.7	0.0
	116	-1912.3	-165.9	214.6	180.1	317.2	0.0
14	117	54.6	-1273.5	-155.0	148.7	-85.4	-156.9
	192	3564.9	47.0	-450.9	-118.5	607.7	0.0
	191	796.5	273.1	-487.5	105.7	106.3	0.0
	116	-1906.6	-165.1	213.6	179.2	315.4	0.0
15	117	58.0	-1266.3	-155.7	149.6	-85.8	-155.6
	192	3590.3	47.0	-453.0	-119.0	614.5	0.0
	191	769.6	274.5	-490.1	106.2	112.7	0.0
	116	-1912.3	-165.9	214.6	180.1	317.2	0.0

16	117	53.3	-1276.4	-154.7	148.4	-85.3	-157.3
	192	3554.7	47.0	-450.1	-118.2	605.0	0.0
	191	807.3	272.5	-486.5	105.5	103.7	0.0
	116	-1904.4	-164.7	213.1	178.8	314.7	0.0
1	23	-471.0	324.8	-180.5	-174.6	3.6	227.3
	79	1842.7	95.4	-5.4	62.3	-36.9	0.0
	43	1832.9	158.5	-141.1	40.3	56.6	0.0
	3	374.9	-73.4	-313.5	-42.4	-224.3	0.0
2	23	-543.2	376.8	-206.7	-200.2	4.1	262.6
	79	2134.4	109.6	-6.1	71.2	-41.3	0.0
	43	2110.2	181.5	-162.0	46.2	66.4	0.0
	3	426.9	-84.4	-359.6	-48.7	-258.3	0.0
3	23	-536.8	190.1	-175.2	-225.3	-23.9	284.4
	79	1629.2	96.8	93.2	12.5	-79.6	0.0
	43	1406.8	137.3	-97.0	67.1	171.2	0.0
	3	137.5	-78.4	-412.3	-58.3	-243.4	0.0
4	23	-434.3	394.5	-65.2	-8.2	-7.3	241.8
	79	1960.0	-38.8	-49.8	40.5	-94.0	0.0
	43	1136.4	50.3	-17.2	27.3	147.8	0.0
	3	-127.2	30.0	-9.0	12.5	-280.6	0.0
5	23	-569.9	-76.2	-315.3	-489.7	-30.4	272.5
	79	986.4	285.7	242.0	-5.6	-20.8	0.0
	43	1815.0	257.3	-225.4	101.8	118.3	0.0
	3	639.7	-227.3	-902.4	-147.4	-136.9	0.0
6	23	-495.8	-100.1	-325.3	-499.3	-19.4	219.8
	79	766.2	312.0	226.6	6.8	15.3	0.0
	43	1894.6	273.1	-255.6	91.9	49.6	0.0
	3	805.4	-246.4	-919.1	-153.1	-82.8	0.0
7	23	-289.7	110.3	-208.8	-257.3	12.7	108.6
	79	895.3	184.5	41.8	53.8	40.5	0.0
	43	1671.9	190.2	-197.8	33.8	-58.0	0.0
	3	690.0	-142.2	-468.0	-77.1	-63.2	0.0
8	23	-187.3	314.7	-98.8	-40.2	29.2	66.0
	79	1226.1	49.0	-101.2	81.8	26.1	0.0
	43	1401.5	103.2	-117.9	-5.9	-81.4	0.0
	3	425.3	-33.8	-64.7	-6.3	-100.5	0.0
9	23	-228.3	604.9	51.4	233.8	24.8	130.6
	79	2089.1	-166.3	-234.7	87.5	-68.8	0.0
	43	913.7	-32.7	40.7	-30.7	40.2	0.0
	3	-242.6	134.2	442.0	88.4	-261.0	0.0
10	23	-154.2	581.0	41.3	224.2	35.7	77.9
	79	1868.9	-139.9	-250.1	99.9	-32.8	0.0
	43	993.2	-16.8	10.5	-40.7	-28.6	0.0
	3	-76.9	115.0	425.3	82.8	-206.9	0.0
11	23	-362.2	250.5	-138.3	-133.9	2.8	175.0
	79	1420.1	73.2	-4.1	47.7	-28.0	0.0
	43	1408.4	121.5	-108.3	30.9	43.9	0.0
	3	286.6	-56.4	-240.5	-32.6	-172.4	0.0
12	23	-362.2	251.2	-137.8	-133.5	2.7	175.1
	79	1423.0	73.1	-4.1	47.5	-27.5	0.0
	43	1406.8	121.0	-108.0	30.8	44.2	0.0
	3	284.6	-56.3	-239.7	-32.5	-172.2	0.0
13	23	-362.2	250.5	-138.3	-133.9	2.8	175.0
	79	1420.1	73.2	-4.1	47.7	-28.0	0.0
	43	1408.4	121.5	-108.3	30.9	43.9	0.0
	3	286.6	-56.4	-240.5	-32.6	-172.4	0.0
14	23	-362.1	251.7	-137.5	-133.2	2.7	175.1
	79	1424.8	73.0	-4.1	47.4	-27.2	0.0
	43	1405.7	120.7	-107.8	30.7	44.5	0.0
	3	283.3	-56.2	-239.2	-32.4	-172.1	0.0
15	23	-362.2	250.5	-138.3	-133.9	2.8	175.0
	79	1420.1	73.2	-4.1	47.7	-28.0	0.0
	43	1408.4	121.5	-108.3	30.9	43.9	0.0
	3	286.6	-56.4	-240.5	-32.6	-172.4	0.0
16	23	-362.1	252.2	-137.1	-132.9	2.7	175.2
	79	1426.7	72.9	-4.0	47.2	-26.9	0.0
	43	1404.7	120.4	-107.6	30.6	44.8	0.0
	3	282.1	-56.1	-238.8	-32.3	-172.0	0.0
1	79	-359.2	-1160.6	-94.1	108.2	-58.8	-3.4
	118	3048.2	151.9	-273.8	-89.6	293.9	0.0
	117	1412.1	130.1	-292.0	37.3	30.7	0.0
	43	-2020.1	-188.0	34.5	67.7	162.8	0.0

2	79	-415.2	-1345.6	-108.1	123.9	-67.4	-5.9
	118	3506.3	173.9	-314.2	-102.7	335.4	0.0
	117	1645.0	149.5	-334.6	43.0	31.5	0.0
	43	-2329.1	-215.4	39.7	77.7	186.5	0.0
3	79	-494.2	-869.4	-148.6	83.5	-99.3	50.4
	118	2504.4	198.7	-280.9	-126.8	151.2	0.0
	117	1079.5	192.2	-270.8	71.3	71.1	0.0
	43	-1730.7	-232.6	-51.5	103.9	60.2	0.0
4	79	-455.9	-729.3	-80.2	14.2	-30.3	77.4
	118	2848.5	83.5	-165.4	-47.9	166.4	0.0
	117	887.8	107.1	-204.9	20.2	100.5	0.0
	43	-2022.2	-102.4	33.4	32.7	68.4	0.0
5	79	-400.3	-1103.9	-198.6	187.5	-165.9	-29.5
	118	1861.3	314.9	-405.4	-205.4	177.2	0.0
	117	1388.4	256.2	-336.4	119.0	-10.3	0.0
	43	-1163.2	-367.1	-125.7	175.1	92.2	0.0
6	79	-281.6	-1164.8	-173.0	207.4	-153.8	-70.9
	118	1654.2	299.3	-396.6	-193.7	214.7	0.0
	117	1461.6	226.0	-326.8	108.7	-50.5	0.0
	43	-968.4	-352.2	-104.4	165.1	127.7	0.0
7	79	-98.5	-1072.3	-63.4	149.9	-59.2	-87.7
	118	1814.0	146.8	-251.6	-88.1	276.4	0.0
	117	1323.3	91.5	-238.7	37.0	-63.0	0.0
	43	-1081.2	-183.0	19.5	70.5	178.7	0.0
8	79	-60.2	-932.1	5.0	80.7	9.9	-60.6
	118	2158.2	31.6	-136.1	-9.2	291.7	0.0
	117	1131.7	6.5	-172.8	-14.1	-33.5	0.0
	43	-1372.7	-52.8	104.4	-0.6	186.9	0.0
9	79	-272.7	-636.8	29.4	-43.3	64.4	60.7
	118	3008.3	-69.0	-20.3	57.7	228.1	0.0
	117	749.6	-27.4	-116.8	-51.4	88.0	0.0
	43	-2135.0	66.8	157.3	-61.9	119.4	0.0
10	79	-154.0	-697.6	55.0	-23.3	76.4	19.3
	118	2801.2	-84.6	-11.5	69.3	265.7	0.0
	117	822.7	-57.6	-107.2	-61.7	47.8	0.0
	43	-1940.2	81.7	178.6	-71.9	154.9	0.0
11	79	-276.5	-894.9	-72.2	82.9	-45.1	-3.2
	118	2341.2	116.4	-210.0	-68.7	224.9	0.0
	117	1091.3	99.9	-223.9	28.7	22.4	0.0
	43	-1553.3	-144.1	26.5	52.0	124.8	0.0
12	79	-276.8	-897.1	-72.1	82.6	-45.0	-3.9
	118	2337.5	115.9	-209.5	-68.4	223.6	0.0
	117	1096.7	99.7	-223.1	28.7	21.0	0.0
	43	-1552.7	-143.6	26.5	51.8	124.3	0.0
13	79	-276.5	-894.9	-72.2	82.9	-45.1	-3.2
	118	2341.2	116.4	-210.0	-68.7	224.9	0.0
	117	1091.3	99.9	-223.9	28.7	22.4	0.0
	43	-1553.3	-144.1	26.5	52.0	124.8	0.0
14	79	-276.9	-898.5	-72.0	82.4	-44.9	-4.4
	118	2335.0	115.6	-209.1	-68.3	222.7	0.0
	117	1100.2	99.5	-222.6	28.6	20.1	0.0
	43	-1552.3	-143.2	26.5	51.7	124.0	0.0
15	79	-276.5	-894.9	-72.2	82.9	-45.1	-3.2
	118	2341.2	116.4	-210.0	-68.7	224.9	0.0
	117	1091.3	99.9	-223.9	28.7	22.4	0.0
	43	-1553.3	-144.1	26.5	52.0	124.8	0.0
16	79	-277.1	-900.0	-71.9	82.2	-44.8	-4.9
	118	2332.5	115.3	-208.7	-68.1	221.9	0.0
	117	1103.8	99.4	-222.0	28.6	19.2	0.0
	43	-1551.9	-142.9	26.4	51.7	123.7	0.0
1	118	-528.1	-2528.0	-172.9	150.8	-101.2	-312.8
	193	520.0	85.5	-685.6	-133.6	-121.5	0.0
	192	4904.4	179.8	-366.5	127.6	-791.5	0.0
	117	-1360.8	-92.4	423.7	172.7	216.7	0.0
2	118	-601.5	-2903.3	-198.4	173.2	-116.0	-359.3
	193	658.6	98.3	-785.9	-153.3	-129.4	0.0
	192	5607.7	206.1	-420.8	146.3	-901.4	0.0
	117	-1591.1	-106.0	485.6	198.1	252.0	0.0
3	118	-424.2	-2035.0	-58.3	147.3	-106.1	-265.9
	193	541.4	66.1	-671.4	-142.5	-41.2	0.0
	192	3821.8	187.4	-308.7	129.6	-649.0	0.0
	117	-1174.5	-71.9	437.5	199.1	223.8	0.0
4	118	-677.7	-2098.6	-105.4	119.1	-68.2	-175.9

	193	597.8	137.4	-473.3	-72.8	-164.3	0.0
	192	4021.0	135.8	-361.9	90.8	-590.2	0.0
	117	-1325.8	-118.2	238.3	87.3	139.1	0.0
5	118	-20.5	-1863.5	-38.2	167.4	-143.1	-383.4
	193	407.6	-42.6	-866.5	-219.7	118.3	0.0
	192	3440.8	230.0	-207.5	165.6	-699.8	0.0
	117	-873.7	-0.5	658.8	321.3	314.0	0.0
6	118	72.2	-1780.0	-68.1	156.5	-137.0	-394.0
	193	349.2	-64.5	-835.6	-216.1	131.8	0.0
	192	3313.5	215.1	-174.0	157.7	-684.5	0.0
	117	-767.2	14.4	649.2	314.3	306.6	0.0
7	118	-115.4	-1757.0	-157.9	110.8	-85.7	-301.4
	193	347.0	-6.9	-568.6	-130.7	4.0	0.0
	192	3397.5	137.5	-196.9	103.2	-598.1	0.0
	117	-819.4	-22.3	405.6	175.6	199.2	0.0
8	118	-368.8	-1820.6	-205.0	82.6	-47.8	-211.3
	193	403.4	64.4	-370.5	-61.0	-119.2	0.0
	192	3596.7	85.9	-250.1	64.4	-539.3	0.0
	117	-970.7	-68.6	206.3	63.8	114.5	0.0
9	118	-865.2	-2075.5	-195.2	73.4	-16.9	-83.3
	193	595.6	195.0	-206.3	12.6	-292.2	0.0
	192	4105.0	58.2	-384.8	36.3	-503.8	0.0
	117	-1378.1	-154.9	-5.4	-51.4	31.6	0.0
10	118	-772.6	-1992.1	-225.1	62.5	-10.8	-93.9
	193	537.2	173.1	-175.5	16.2	-278.6	0.0
	192	3977.7	43.3	-351.2	28.4	-488.6	0.0
	117	-1271.5	-140.0	-14.9	-58.4	24.3	0.0
11	118	-403.7	-1940.2	-132.7	115.7	-77.6	-240.1
	193	419.0	65.7	-525.7	-102.5	-90.0	0.0
	192	3755.9	137.9	-281.2	97.9	-605.0	0.0
	117	-1053.6	-70.9	324.9	132.5	167.3	0.0
12	118	-401.0	-1935.5	-132.3	115.4	-77.4	-239.6
	193	439.1	65.5	-523.9	-102.2	-86.3	0.0
	192	3738.4	137.4	-280.5	97.5	-600.9	0.0
	117	-1060.7	-70.6	323.8	132.1	168.0	0.0
13	118	-403.7	-1940.2	-132.7	115.7	-77.6	-240.1
	193	419.0	65.7	-525.7	-102.5	-90.0	0.0
	192	3755.9	137.9	-281.2	97.9	-605.0	0.0
	117	-1053.6	-70.9	324.9	132.5	167.3	0.0
14	118	-399.2	-1932.4	-132.0	115.2	-77.2	-239.2
	193	452.4	65.4	-522.7	-102.0	-83.8	0.0
	192	3726.8	137.1	-280.1	97.3	-598.2	0.0
	117	-1065.5	-70.5	323.0	131.8	168.4	0.0
15	118	-403.7	-1940.2	-132.7	115.7	-77.6	-240.1
	193	419.0	65.7	-525.7	-102.5	-90.0	0.0
	192	3755.9	137.9	-281.2	97.9	-605.0	0.0
	117	-1053.6	-70.9	324.9	132.5	167.3	0.0
16	118	-397.4	-1929.3	-131.8	115.1	-77.0	-238.8
	193	465.7	65.3	-521.6	-101.8	-81.4	0.0
	192	3715.1	136.8	-279.6	97.1	-595.5	0.0
	117	-1070.2	-70.3	322.3	131.6	168.9	0.0
1	4	-183.0	555.7	-127.5	-216.4	-10.3	127.5
	44	2346.6	275.1	-8.1	40.6	255.1	0.0
	79	1408.3	91.1	-265.7	-49.2	17.9	0.0
	23	64.7	-238.8	-425.4	-91.7	-3.5	0.0
2	4	-211.3	638.0	-146.2	-248.2	-11.8	146.6
	44	2707.3	315.3	-9.4	46.5	293.5	0.0
	79	1629.5	104.6	-304.5	-56.4	19.6	0.0
	23	73.6	-273.7	-487.7	-105.1	-4.5	0.0
3	4	-197.7	376.2	-130.8	-286.3	-4.5	139.1
	44	2049.2	272.8	82.1	46.7	220.5	0.0
	79	1091.9	94.2	-206.0	-4.0	70.7	0.0
	23	-135.8	-240.0	-509.9	-96.0	-6.7	0.0
4	4	-125.2	498.5	13.7	-3.2	-28.1	111.6
	44	2339.3	114.6	-16.5	5.5	242.5	0.0
	79	904.5	-42.0	-102.2	-23.3	60.0	0.0
	23	-360.2	-93.7	-79.8	-21.1	-12.0	0.0
5	4	-268.0	223.9	-326.3	-630.6	29.0	151.5
	44	1438.1	468.0	169.7	98.1	169.5	0.0
	79	1374.1	283.5	-360.5	2.0	46.1	0.0
	23	333.4	-420.8	-1031.6	-191.1	3.7	0.0
6	4	-255.7	215.6	-349.3	-642.5	34.1	134.7
	44	1204.5	477.2	146.2	101.0	147.7	0.0

	79	1428.5	309.5	-389.1	-12.2	14.4	0.0
	23	511.3	-429.5	-1048.7	-197.8	7.4	0.0
7	4	-156.8	348.6	-207.8	-326.1	12.5	83.1
	44	1270.2	303.4	3.9	56.2	147.9	0.0
	79	1273.4	180.8	-301.4	-51.4	-35.0	0.0
	23	457.0	-269.0	-566.8	-118.3	5.5	0.0
8	4	-84.2	470.8	-63.3	-43.0	-11.1	55.7
	44	1560.3	145.3	-94.6	15.0	169.9	0.0
	79	1086.0	44.6	-197.6	-70.7	-45.7	0.0
	23	232.6	-122.8	-136.7	-43.4	0.2	0.0
9	4	-26.2	631.4	155.3	313.2	-49.7	60.0
	44	2405.1	-59.1	-158.8	-39.3	242.7	0.0
	79	749.4	-170.7	-14.5	-62.4	10.6	0.0
	23	-414.5	66.8	402.0	58.5	-13.9	0.0
10	4	-14.0	623.1	132.2	301.3	-44.6	43.3
	44	2171.4	-49.9	-182.2	-36.4	220.9	0.0
	79	803.8	-144.7	-43.1	-76.6	-21.1	0.0
	23	-236.7	58.1	385.0	51.8	-10.2	0.0
11	4	-140.8	426.4	-97.8	-166.0	-7.9	97.9
	44	1805.0	210.9	-6.2	31.1	196.0	0.0
	79	1084.8	69.9	-203.7	-37.7	13.5	0.0
	23	49.4	-183.1	-326.2	-70.3	-2.8	0.0
12	4	-140.9	425.3	-97.5	-165.5	-7.9	97.7
	44	1804.9	210.2	-6.2	31.0	195.7	0.0
	79	1086.4	69.7	-203.0	-37.6	13.1	0.0
	23	49.0	-182.4	-325.1	-70.1	-3.0	0.0
13	4	-140.8	426.4	-97.8	-166.0	-7.9	97.9
	44	1805.0	210.9	-6.2	31.1	196.0	0.0
	79	1084.8	69.9	-203.7	-37.7	13.5	0.0
	23	49.4	-183.1	-326.2	-70.3	-2.8	0.0
14	4	-140.9	424.6	-97.3	-165.2	-7.9	97.6
	44	1804.8	209.7	-6.3	30.9	195.5	0.0
	79	1087.4	69.6	-202.5	-37.5	12.9	0.0
	23	48.8	-182.0	-324.4	-69.9	-3.1	0.0
15	4	-140.8	426.4	-97.8	-166.0	-7.9	97.9
	44	1805.0	210.9	-6.2	31.1	196.0	0.0
	79	1084.8	69.9	-203.7	-37.7	13.5	0.0
	23	49.4	-183.1	-326.2	-70.3	-2.8	0.0
16	4	-141.0	423.9	-97.1	-164.8	-7.8	97.4
	44	1804.8	209.3	-6.3	30.9	195.3	0.0
	79	1088.4	69.5	-202.0	-37.4	12.6	0.0
	23	48.5	-181.6	-323.7	-69.7	-3.2	0.0
1	44	-446.1	-1580.5	-117.8	136.1	-36.6	-130.7
	119	2624.9	89.3	-391.4	-27.4	-30.7	0.0
	118	2325.7	120.9	-223.0	39.5	-192.7	0.0
	79	-2090.5	-92.4	162.9	45.8	22.3	0.0
2	44	-512.7	-1821.5	-135.1	156.1	-42.0	-149.9
	119	3041.5	102.4	-448.8	-31.4	-31.6	0.0
	118	2674.9	138.8	-255.9	45.3	-220.4	0.0
	79	-2418.4	-106.1	186.7	52.6	27.5	0.0
3	44	-504.7	-1111.4	-156.8	92.7	-75.0	-56.6
	119	2404.4	145.8	-382.7	-83.9	-80.4	0.0
	118	1677.4	166.9	-224.2	61.8	-96.4	0.0
	79	-1934.9	-141.0	117.0	78.4	-39.0	0.0
4	44	-517.0	-1155.7	-91.0	31.2	-20.0	-49.1
	119	2694.1	30.5	-240.6	-23.5	-96.9	0.0
	118	1730.1	113.5	-138.7	27.9	-105.6	0.0
	79	-2229.6	-43.1	62.0	26.7	-45.7	0.0
5	44	-371.2	-1115.4	-209.5	193.5	-125.3	-98.0
	119	1706.4	266.0	-538.6	-131.3	-12.4	0.0
	118	1668.1	195.6	-315.7	91.0	-117.0	0.0
	79	-1264.6	-240.0	205.2	126.4	12.0	0.0
6	44	-269.0	-1163.1	-189.0	218.4	-113.5	-125.9
	119	1397.9	253.9	-530.2	-111.6	29.4	0.0
	118	1712.8	166.8	-308.7	82.1	-143.8	0.0
	79	-984.7	-227.1	225.7	115.8	49.1	0.0
7	44	-164.3	-1270.6	-88.2	175.8	-35.6	-149.7
	119	1376.0	105.3	-354.6	-18.2	59.0	0.0
	118	1826.6	70.8	-200.9	32.2	-186.0	0.0
	79	-1002.1	-97.8	185.5	43.1	84.4	0.0
8	44	-176.6	-1314.9	-22.4	114.3	19.3	-142.1
	119	1665.7	-9.9	-212.5	42.1	42.6	0.0
	118	1879.3	17.4	-115.4	-1.7	-195.2	0.0

	79	-1296.8	0.0	130.4	-8.6	77.8	0.0
9	44	-412.2	-1263.2	9.8	-11.4	57.8	-72.8
	119	2672.2	-118.1	-64.9	69.9	-67.2	0.0
	118	1843.9	17.5	-30.9	-22.0	-147.8	0.0
	79	-2247.0	86.1	21.7	-46.0	-10.3	0.0
10	44	-310.1	-1311.0	30.3	13.5	69.6	-100.7
	119	2363.7	-130.2	-56.5	89.6	-25.4	0.0
	118	1888.7	-11.3	-23.9	-30.8	-174.6	0.0
	79	-1967.1	99.1	42.3	-56.6	26.7	0.0
11	44	-342.5	-1215.1	-90.4	104.4	-28.1	-100.2
	119	2023.3	68.5	-300.1	-21.0	-22.4	0.0
	118	1786.2	92.8	-171.1	30.3	-147.6	0.0
	79	-1610.1	-70.9	124.9	35.1	17.7	0.0
12	44	-341.8	-1214.3	-90.1	104.1	-28.0	-99.9
	119	2027.7	68.3	-299.2	-21.0	-21.1	0.0
	118	1783.3	92.5	-170.6	30.2	-146.9	0.0
	79	-1612.3	-70.8	124.5	35.0	18.4	0.0
13	44	-342.5	-1215.1	-90.4	104.4	-28.1	-100.2
	119	2023.3	68.5	-300.1	-21.0	-22.4	0.0
	118	1786.2	92.8	-171.1	30.3	-147.6	0.0
	79	-1610.1	-70.9	124.9	35.1	17.7	0.0
14	44	-341.3	-1213.9	-89.9	103.8	-27.9	-99.7
	119	2030.6	68.1	-298.5	-20.9	-20.2	0.0
	118	1781.3	92.4	-170.3	30.2	-146.5	0.0
	79	-1613.7	-70.6	124.2	35.0	18.8	0.0
15	44	-342.5	-1215.1	-90.4	104.4	-28.1	-100.2
	119	2023.3	68.5	-300.1	-21.0	-22.4	0.0
	118	1786.2	92.8	-171.1	30.3	-147.6	0.0
	79	-1610.1	-70.9	124.9	35.1	17.7	0.0
16	44	-340.9	-1213.4	-89.7	103.6	-27.9	-99.5
	119	2033.6	68.0	-297.9	-20.9	-19.4	0.0
	118	1779.3	92.2	-170.0	30.1	-146.0	0.0
	79	-1615.1	-70.5	123.9	34.9	19.2	0.0
1	119	360.6	-657.1	-97.8	249.8	-41.0	-277.8
	194	4754.6	43.5	-456.6	-151.5	381.6	0.0
	193	284.2	154.2	-495.0	82.1	71.9	0.0
	118	-2846.0	-99.9	345.9	151.2	211.6	0.0
2	119	409.9	-779.7	-112.1	286.5	-47.1	-322.1
	194	5450.3	49.9	-523.7	-173.7	435.3	0.0
	193	379.1	176.5	-567.3	94.0	72.3	0.0
	118	-3277.9	-114.3	396.9	173.3	244.3	0.0
3	119	239.8	-487.3	11.2	236.9	-55.5	-249.0
	194	3719.5	-2.5	-453.0	-139.5	314.2	0.0
	193	335.0	132.0	-413.9	93.7	-5.5	0.0
	118	-2331.1	-68.8	376.9	166.6	222.6	0.0
4	119	6.6	-439.4	-44.3	175.2	-44.7	-149.7
	194	4245.7	143.7	-324.9	-111.9	230.8	0.0
	193	136.2	29.6	-487.5	43.8	125.7	0.0
	118	-2700.1	-128.3	194.3	81.3	126.2	0.0
5	119	614.4	-591.2	35.5	297.8	-54.9	-376.3
	194	2847.0	-199.2	-573.4	-164.3	421.9	0.0
	193	599.4	276.7	-275.7	147.4	-171.0	0.0
	118	-1667.0	16.7	574.3	259.8	327.1	0.0
6	119	702.3	-632.5	0.9	288.2	-43.5	-386.1
	194	2625.3	-221.7	-548.4	-158.0	430.8	0.0
	193	627.2	298.3	-230.9	143.5	-181.8	0.0
	118	-1466.7	30.5	560.9	254.4	320.2	0.0
7	119	532.8	-624.7	-104.4	204.9	-17.7	-281.5
	194	2980.5	-77.4	-369.7	-118.4	343.9	0.0
	193	427.7	204.0	-264.5	80.8	-41.4	0.0
	118	-1663.6	-23.0	332.3	148.5	199.8	0.0
8	119	299.6	-576.8	-159.9	143.1	-6.9	-182.2
	194	3506.7	68.8	-241.5	-90.8	260.5	0.0
	193	228.9	101.6	-338.2	30.9	89.7	0.0
	118	-2032.6	-82.6	149.7	63.2	103.4	0.0
9	119	-162.9	-431.6	-149.5	91.9	-18.9	-45.1
	194	4601.0	288.0	-146.1	-72.3	143.8	0.0
	193	-63.2	-64.6	-521.1	-18.9	266.0	0.0
	118	-2897.0	-181.8	-34.3	-24.6	5.8	0.0
10	119	-75.0	-472.8	-184.2	82.3	-7.5	-54.9
	194	4379.3	265.5	-121.1	-65.9	152.7	0.0
	193	-35.4	-43.0	-476.3	-22.8	255.3	0.0
	118	-2696.7	-168.1	-47.7	-30.0	-1.0	0.0

11	119	275.4	-512.4	-75.0	191.6	-31.5	-214.2
	194	3645.8	33.4	-350.2	-116.2	291.9	0.0
	193	235.2	118.1	-379.5	62.9	51.9	0.0
	118	-2187.3	-76.5	265.4	116.0	162.8	0.0
12	119	273.2	-519.8	-74.7	191.0	-31.4	-214.7
	194	3633.5	33.3	-349.1	-115.8	290.2	0.0
	193	252.8	117.7	-378.2	62.7	48.2	0.0
	118	-2185.2	-76.2	264.6	115.6	162.9	0.0
13	119	275.4	-512.4	-75.0	191.6	-31.5	-214.2
	194	3645.8	33.4	-350.2	-116.2	291.9	0.0
	193	235.2	118.1	-379.5	62.9	51.9	0.0
	118	-2187.3	-76.5	265.4	116.0	162.8	0.0
14	119	271.8	-524.7	-74.6	190.6	-31.3	-215.1
	194	3625.4	33.2	-348.4	-115.5	289.0	0.0
	193	264.4	117.3	-377.3	62.5	45.8	0.0
	118	-2183.9	-76.0	264.1	115.3	162.9	0.0
15	119	275.4	-512.4	-75.0	191.6	-31.5	-214.2
	194	3645.8	33.4	-350.2	-116.2	291.9	0.0
	193	235.2	118.1	-379.5	62.9	51.9	0.0
	118	-2187.3	-76.5	265.4	116.0	162.8	0.0
16	119	270.4	-529.6	-74.4	190.2	-31.2	-215.4
	194	3617.2	33.2	-347.6	-115.3	287.9	0.0
	193	276.1	117.0	-376.5	62.4	43.3	0.0
	118	-2182.5	-75.8	263.6	115.0	163.0	0.0
1	24	-110.5	28.8	-15.9	-17.3	24.6	10.6
	80	545.1	146.6	77.5	40.2	29.1	0.0
	44	716.2	-30.1	-156.0	-41.1	-9.7	0.0
	4	168.3	-100.6	-195.5	-56.4	11.8	0.0
2	24	-128.9	35.8	-18.3	-19.9	28.2	12.6
	80	634.4	168.2	88.8	46.1	33.7	0.0
	44	822.1	-34.5	-178.8	-47.2	-10.6	0.0
	4	190.5	-115.4	-224.2	-64.6	13.5	0.0
3	24	-101.5	1.5	-68.6	-57.1	43.2	18.4
	80	510.6	125.4	77.0	53.4	33.9	0.0
	44	546.4	47.0	-135.1	-51.6	2.6	0.0
	4	61.2	-101.6	-220.8	-77.8	17.6	0.0
4	24	-82.0	38.7	-20.2	9.6	-2.5	6.3
	80	601.5	57.1	5.5	15.7	40.2	0.0
	44	493.3	3.6	-48.8	-23.5	-7.5	0.0
	4	-13.6	-42.2	-34.2	-16.9	21.7	0.0
5	24	-120.7	-38.2	-102.6	-127.7	95.4	29.9
	80	313.5	219.2	172.8	94.5	16.2	0.0
	44	626.4	63.9	-254.5	-79.9	11.5	0.0
	4	219.2	-174.2	-453.4	-145.8	5.3	0.0
6	24	-117.7	-35.1	-83.2	-121.4	94.4	27.6
	80	235.5	231.4	183.3	92.1	7.5	0.0
	44	641.8	35.0	-270.5	-76.1	9.0	0.0
	4	279.8	-176.9	-466.1	-143.1	-1.1	0.0
7	24	-91.5	11.9	-4.1	-36.1	39.9	10.9
	80	250.6	165.9	112.2	45.4	4.8	0.0
	44	598.0	-49.3	-188.4	-39.0	-5.9	0.0
	4	263.3	-110.8	-263.1	-68.8	-3.8	0.0
8	24	-72.0	49.1	44.4	30.7	-5.8	-1.2
	80	341.6	97.7	40.7	7.8	11.2	0.0
	44	544.9	-92.7	-102.1	-11.0	-16.1	0.0
	4	188.5	-51.4	-76.5	-7.9	0.4	0.0
9	24	-55.8	85.7	59.0	94.9	-57.0	-10.4
	80	616.6	-8.3	-65.6	-31.0	37.5	0.0
	44	449.5	-80.7	33.3	13.6	-22.4	0.0
	4	-30.1	23.9	168.7	57.3	19.0	0.0
10	24	-52.8	88.8	78.4	101.2	-58.0	-12.6
	80	538.7	3.9	-55.1	-33.4	28.8	0.0
	44	465.0	-109.6	17.3	17.4	-25.0	0.0
	4	30.5	21.1	156.0	60.1	12.6	0.0
11	24	-85.5	23.0	-12.2	-13.3	18.9	8.3
	80	421.1	112.5	59.4	30.9	22.4	0.0
	44	549.6	-23.1	-119.6	-31.5	-7.3	0.0
	4	128.3	-77.2	-149.9	-43.2	9.0	0.0
12	24	-85.9	23.9	-12.2	-13.3	18.8	8.4
	80	422.9	112.1	59.2	30.7	22.4	0.0
	44	548.1	-23.0	-119.2	-31.4	-7.1	0.0
	4	127.0	-76.9	-149.5	-43.1	9.0	0.0
13	24	-85.5	23.0	-12.2	-13.3	18.9	8.3

	80	421.1	112.5	59.4	30.9	22.4	0.0
	44	549.6	-23.1	-119.6	-31.5	-7.3	0.0
	4	128.3	-77.2	-149.9	-43.2	9.0	0.0
14	24	-86.3	24.4	-12.2	-13.3	18.8	8.5
	80	424.2	111.9	59.1	30.7	22.5	0.0
	44	547.1	-22.9	-119.0	-31.4	-6.9	0.0
	4	126.1	-76.8	-149.1	-43.0	9.0	0.0
15	24	-85.5	23.0	-12.2	-13.3	18.9	8.3
	80	421.1	112.5	59.4	30.9	22.4	0.0
	44	549.6	-23.1	-119.6	-31.5	-7.3	0.0
	4	128.3	-77.2	-149.9	-43.2	9.0	0.0
16	24	-86.6	25.0	-12.1	-13.2	18.7	8.6
	80	425.4	111.6	58.9	30.6	22.5	0.0
	44	546.1	-22.9	-118.7	-31.3	-6.8	0.0
	4	125.3	-76.6	-148.8	-42.9	9.0	0.0
1	80	-287.8	4.7	-3.5	58.5	-50.6	83.5
	120	2070.4	108.2	-166.3	-27.2	-69.7	0.0
	119	-166.2	22.5	-116.1	14.4	119.4	0.0
	44	-1482.4	-127.2	27.9	37.2	-114.7	0.0
2	80	-335.2	0.6	-4.0	67.1	-58.0	97.1
	120	2382.1	123.9	-190.7	-31.1	-81.7	0.0
	119	-182.5	25.8	-133.0	16.5	138.0	0.0
	44	-1708.0	-145.7	32.1	42.6	-133.0	0.0
3	80	-394.5	73.2	-18.1	41.8	-75.4	119.5
	120	1910.3	104.4	-165.7	-70.9	-126.8	0.0
	119	-234.5	52.0	-98.2	53.3	150.8	0.0
	44	-1420.8	-100.5	54.9	67.5	-164.6	0.0
4	80	-426.4	137.3	-4.6	17.3	-28.6	136.7
	120	2176.3	35.2	-101.9	-31.8	-138.4	0.0
	119	-345.7	32.3	-62.6	23.0	172.4	0.0
	44	-1639.5	-42.7	30.5	25.7	-181.3	0.0
5	80	-227.7	-76.9	-27.7	81.0	-120.5	55.4
	120	1278.6	193.8	-234.9	-95.0	-59.2	0.0
	119	16.6	57.4	-145.1	69.5	77.0	0.0
	44	-890.6	-185.5	68.6	103.4	-86.4	0.0
6	80	-116.6	-141.5	-22.5	89.9	-112.3	17.6
	120	1003.2	201.1	-230.5	-76.5	-12.8	0.0
	119	120.8	42.4	-149.7	53.1	35.3	0.0
	44	-654.9	-200.4	55.7	92.4	-36.1	0.0
7	80	-24.2	-142.1	-0.6	71.7	-48.3	-6.5
	120	992.2	128.9	-150.9	-9.4	28.0	0.0
	119	112.7	2.0	-113.7	-1.2	11.9	0.0
	44	-635.1	-150.4	12.2	30.8	3.1	0.0
8	80	-56.1	-78.0	12.9	47.2	-1.5	10.7
	120	1258.2	59.6	-87.2	29.7	16.5	0.0
	119	1.6	-17.7	-78.1	-31.5	33.5	0.0
	44	-853.7	-92.6	-12.3	-11.0	-13.5	0.0
9	80	-334.0	136.8	17.2	-0.9	35.5	112.6
	120	2165.2	-37.1	-22.4	35.3	-97.6	0.0
	119	-353.7	-8.1	-26.6	-31.3	149.0	0.0
	44	-1619.6	7.3	-13.1	-35.9	-142.1	0.0
10	80	-222.9	72.2	22.5	8.0	43.6	74.8
	120	1889.8	-29.7	-18.0	53.8	-51.2	0.0
	119	-249.6	-23.1	-31.2	-47.7	107.3	0.0
	44	-1383.9	-7.6	-25.9	-46.9	-91.7	0.0
11	80	-222.4	2.0	-2.7	44.9	-38.8	64.5
	120	1590.4	82.9	-127.5	-20.8	-54.0	0.0
	119	-124.8	17.3	-89.0	11.0	91.9	0.0
	44	-1139.5	-97.5	21.4	28.5	-88.5	0.0
12	80	-223.5	0.4	-2.6	44.7	-38.7	64.7
	120	1588.1	82.6	-127.1	-20.7	-54.5	0.0
	119	-121.7	17.2	-88.7	11.0	92.0	0.0
	44	-1138.6	-97.1	21.4	28.4	-88.7	0.0
13	80	-222.4	2.0	-2.7	44.9	-38.8	64.5
	120	1590.4	82.9	-127.5	-20.8	-54.0	0.0
	119	-124.8	17.3	-89.0	11.0	91.9	0.0
	44	-1139.5	-97.5	21.4	28.5	-88.5	0.0
14	80	-224.2	-0.7	-2.6	44.6	-38.6	64.9
	120	1586.5	82.4	-126.9	-20.7	-54.8	0.0
	119	-119.6	17.2	-88.5	11.0	92.1	0.0
	44	-1138.1	-96.9	21.4	28.3	-88.9	0.0
15	80	-222.4	2.0	-2.7	44.9	-38.8	64.5
	120	1590.4	82.9	-127.5	-20.8	-54.0	0.0

	119	-124.8	17.3	-89.0	11.0	91.9	0.0
	44	-1139.5	-97.5	21.4	28.5	-88.5	0.0
16	80	-224.9	-1.8	-2.6	44.6	-38.5	65.0
	120	1585.0	82.1	-126.6	-20.6	-55.0	0.0
	119	-117.5	17.2	-88.3	10.9	92.1	0.0
	44	-1137.5	-96.7	21.3	28.3	-89.0	0.0
1	120	580.9	182.9	47.4	9.2	-30.6	-354.8
	195	1304.8	29.5	-222.7	-85.7	111.9	0.0
	194	825.8	-62.9	16.0	43.0	-461.4	0.0
	119	-1801.6	-14.0	257.6	54.0	189.1	0.0
2	120	660.1	217.0	54.2	10.5	-35.2	-403.6
	195	1521.0	34.1	-255.4	-98.5	128.2	0.0
	194	932.0	-72.1	18.1	49.6	-524.5	0.0
	119	-2079.3	-16.1	295.3	62.0	215.7	0.0
3	120	369.3	321.1	72.5	5.1	-61.8	-289.4
	195	1261.7	21.0	-193.1	-99.2	121.7	0.0
	194	449.4	-59.5	22.7	61.0	-370.8	0.0
	119	-1647.0	-6.7	262.0	85.1	183.0	0.0
4	120	107.4	355.3	35.6	27.8	-36.7	-194.5
	195	1364.4	81.1	-115.1	-57.1	4.5	0.0
	194	541.5	-76.1	-34.4	28.2	-288.4	0.0
	119	-1867.0	-30.0	144.0	44.1	76.9	0.0
5	120	812.2	148.0	102.9	-28.0	-73.0	-416.8
	195	938.7	-69.0	-294.7	-139.4	273.7	0.0
	194	421.8	-26.2	101.6	91.2	-477.8	0.0
	119	-1131.0	25.7	394.5	116.6	315.4	0.0
6	120	929.7	33.9	92.0	-33.7	-57.5	-431.1
	195	764.6	-86.0	-303.8	-131.8	286.8	0.0
	194	490.2	-14.2	112.3	84.3	-487.2	0.0
	119	-908.7	30.2	390.1	102.6	322.8	0.0
7	120	761.3	-59.2	36.2	-13.9	-10.1	-337.1
	195	681.2	-35.6	-223.6	-73.9	165.4	0.0
	194	677.4	-19.6	58.1	37.9	-402.0	0.0
	119	-906.1	8.5	247.4	38.3	207.8	0.0
8	120	499.3	-25.0	-0.8	8.8	15.1	-242.2
	195	783.9	24.5	-145.6	-31.8	48.2	0.0
	194	769.5	-36.2	1.1	5.1	-319.7	0.0
	119	-1126.1	-14.8	129.5	-2.8	101.8	0.0
9	120	-61.1	262.2	-20.2	47.6	10.7	-100.5
	195	1281.0	131.5	-34.9	0.8	-116.9	0.0
	194	728.8	-81.5	-88.5	-18.2	-203.3	0.0
	119	-1864.4	-51.7	1.3	-20.2	-38.1	0.0
10	120	56.5	148.1	-31.1	41.9	26.3	-114.8
	195	1106.9	114.5	-44.0	8.4	-103.8	0.0
	194	797.2	-69.5	-77.9	-25.1	-212.6	0.0
	119	-1642.1	-47.2	-3.1	-34.3	-30.6	0.0
11	120	443.5	142.6	36.3	7.1	-23.5	-271.1
	195	1008.7	22.7	-170.8	-65.8	85.8	0.0
	194	628.5	-48.2	12.2	33.1	-352.3	0.0
	119	-1386.0	-10.8	197.5	41.4	144.6	0.0
12	120	440.1	144.6	36.1	7.0	-23.4	-269.1
	195	1014.0	22.7	-170.2	-65.7	85.5	0.0
	194	621.3	-48.1	12.1	33.1	-349.7	0.0
	119	-1386.2	-10.8	196.8	41.3	143.8	0.0
13	120	443.5	142.6	36.3	7.1	-23.5	-271.1
	195	1008.7	22.7	-170.8	-65.8	85.8	0.0
	194	628.5	-48.2	12.2	33.1	-352.3	0.0
	119	-1386.0	-10.8	197.5	41.4	144.6	0.0
14	120	437.8	146.0	36.0	7.0	-23.4	-267.8
	195	1017.5	22.7	-169.9	-65.6	85.3	0.0
	194	616.6	-48.0	12.0	33.1	-347.9	0.0
	119	-1386.4	-10.8	196.4	41.3	143.2	0.0
15	120	443.5	142.6	36.3	7.1	-23.5	-271.1
	195	1008.7	22.7	-170.8	-65.8	85.8	0.0
	194	628.5	-48.2	12.2	33.1	-352.3	0.0
	119	-1386.0	-10.8	197.5	41.4	144.6	0.0
16	120	435.5	147.4	35.9	7.0	-23.4	-266.5
	195	1021.0	22.7	-169.5	-65.5	85.0	0.0
	194	611.8	-47.9	11.9	33.1	-346.1	0.0
	119	-1386.5	-10.8	195.9	41.2	142.7	0.0
1	5	-386.3	-97.3	-71.9	-54.8	34.3	65.7
	45	294.2	97.4	42.2	54.4	-68.4	0.0

	80	936.0	54.2	-160.9	-39.8	36.0	0.0
	24	325.6	-79.7	-205.5	-55.3	-72.1	0.0
2	5	-445.3	-113.8	-82.3	-62.8	39.3	75.3
	45	338.5	111.8	48.5	62.3	-78.8	0.0
	80	1082.2	61.9	-184.4	-45.7	41.0	0.0
	24	375.9	-91.4	-235.6	-63.4	-83.1	0.0
3	5	-386.1	-180.7	-59.1	-117.3	54.7	66.9
	45	150.8	118.4	81.7	72.9	-81.1	0.0
	80	866.0	38.0	-131.5	-51.8	39.8	0.0
	24	291.0	-104.5	-278.4	-75.5	-78.6	0.0
4	5	-407.9	-195.1	16.5	-13.2	2.8	64.3
	45	166.9	49.0	44.7	27.8	-92.4	0.0
	80	888.9	-30.6	-48.1	-18.1	36.4	0.0
	24	266.3	-42.2	-91.1	-13.7	-88.7	0.0
5	5	-290.4	-86.1	-170.6	-222.1	113.4	59.0
	45	178.5	192.7	103.2	119.2	-43.9	0.0
	80	730.9	144.1	-251.5	-87.9	36.1	0.0
	24	300.2	-168.3	-476.9	-145.8	-47.0	0.0
6	5	-230.2	-19.4	-190.5	-208.0	111.8	49.6
	45	218.3	187.0	84.5	113.8	-23.4	0.0
	80	638.1	166.5	-270.9	-85.1	29.5	0.0
	24	283.5	-160.7	-459.8	-144.2	-30.0	0.0
7	5	-185.5	41.6	-125.6	-70.0	49.3	35.7
	45	283.5	99.5	19.6	54.8	-12.6	0.0
	80	556.5	112.5	-196.5	-42.4	17.7	0.0
	24	235.1	-79.1	-221.3	-70.3	-21.9	0.0
8	5	-207.3	27.2	-50.0	34.0	-2.6	33.1
	45	299.5	30.1	-17.4	9.7	-24.0	0.0
	80	579.4	43.9	-113.1	-8.7	14.3	0.0
	24	210.5	-16.8	-34.1	-8.5	-32.0	0.0
9	5	-363.1	-134.0	81.4	124.7	-59.7	50.3
	45	232.1	-38.6	-20.2	-31.1	-81.7	0.0
	80	807.4	-84.5	26.4	24.5	24.6	0.0
	24	218.0	39.4	147.3	60.2	-80.6	0.0
10	5	-302.9	-67.3	61.5	138.9	-61.3	41.0
	45	271.9	-44.2	-38.9	-36.6	-61.1	0.0
	80	714.5	-62.1	6.9	27.3	18.0	0.0
	24	201.2	47.0	164.4	61.8	-63.6	0.0
11	5	-297.0	-75.3	-55.1	-42.0	26.3	50.4
	45	226.0	74.8	32.4	41.7	-52.6	0.0
	80	720.7	41.5	-123.4	-30.5	27.5	0.0
	24	250.5	-61.1	-157.6	-42.4	-55.4	0.0
12	5	-296.9	-75.9	-54.9	-41.9	26.2	50.2
	45	225.7	74.6	32.3	41.6	-52.5	0.0
	80	721.5	41.3	-123.0	-30.4	27.4	0.0
	24	250.6	-61.0	-157.1	-42.2	-55.4	0.0
13	5	-297.0	-75.3	-55.1	-42.0	26.3	50.4
	45	226.0	74.8	32.4	41.7	-52.6	0.0
	80	720.7	41.5	-123.4	-30.5	27.5	0.0
	24	250.5	-61.1	-157.6	-42.4	-55.4	0.0
14	5	-296.8	-76.2	-54.8	-41.8	26.1	50.1
	45	225.5	74.4	32.2	41.5	-52.5	0.0
	80	722.0	41.2	-122.7	-30.4	27.2	0.0
	24	250.6	-60.8	-156.8	-42.2	-55.3	0.0
15	5	-297.0	-75.3	-55.1	-42.0	26.3	50.4
	45	226.0	74.8	32.4	41.7	-52.6	0.0
	80	720.7	41.5	-123.4	-30.5	27.5	0.0
	24	250.5	-61.1	-157.6	-42.4	-55.4	0.0
16	5	-296.7	-76.5	-54.6	-41.7	26.1	50.0
	45	225.3	74.3	32.2	41.4	-52.5	0.0
	80	722.5	41.0	-122.4	-30.3	27.1	0.0
	24	250.7	-60.7	-156.4	-42.1	-55.3	0.0
1	45	-212.1	-294.2	-97.4	-42.2	-54.4	68.4
	121	2092.3	316.4	-312.7	-59.9	-106.2	0.0
	120	114.1	-21.7	-112.0	9.4	111.6	0.0
	80	-1485.7	-197.3	24.8	50.1	-148.6	0.0
2	45	-245.2	-338.5	-111.8	-48.5	-62.3	78.8
	121	2418.8	362.5	-358.6	-68.6	-122.6	0.0
	120	129.1	-24.5	-128.4	10.8	128.9	0.0
	80	-1717.2	-226.1	28.5	57.5	-171.8	0.0
3	45	-227.3	-168.6	-122.4	-81.7	-72.9	81.1
	121	2068.6	259.4	-318.1	-94.8	-148.7	0.0
	120	-76.7	-4.8	-91.1	48.6	127.4	0.0

	80	-1487.0	-152.3	65.9	73.7	-192.9	0.0
4	45	-250.7	-189.0	-75.5	-44.7	-27.8	92.4
	121	2295.0	113.7	-198.8	-48.2	-163.9	0.0
	120	-109.6	12.5	-49.3	22.6	143.9	0.0
	80	-1666.5	-64.4	38.2	30.8	-213.1	0.0
5	45	-147.3	-177.3	-159.9	-103.2	-119.2	43.9
	121	1407.7	466.9	-442.9	-131.0	-78.8	0.0
	120	86.0	-39.0	-150.2	59.0	73.4	0.0
	80	-976.4	-283.8	75.0	113.9	-107.5	0.0
6	45	-102.2	-205.1	-145.1	-84.5	-113.8	23.4
	121	1067.7	499.1	-430.5	-115.4	-34.1	0.0
	120	192.6	-51.0	-159.1	41.9	43.7	0.0
	80	-718.2	-308.7	55.1	105.5	-54.5	0.0
7	45	-76.8	-261.3	-73.0	-19.6	-54.8	12.6
	121	935.3	366.6	-276.9	-42.7	0.4	0.0
	120	278.7	-44.7	-120.8	-8.3	28.2	0.0
	80	-626.3	-235.3	-0.3	45.5	-16.2	0.0
8	45	-100.2	-281.7	-26.0	17.4	-9.7	24.0
	121	1161.7	220.9	-157.6	3.9	-14.8	0.0
	120	245.8	-27.3	-79.1	-34.3	44.7	0.0
	80	-805.8	-147.5	-28.0	2.6	-36.4	0.0
9	45	-225.3	-245.3	-3.4	20.2	31.1	81.7
	121	2162.5	-18.7	-45.2	24.5	-129.4	0.0
	120	-23.5	18.8	-11.1	-27.6	128.4	0.0
	80	-1574.6	8.9	-17.3	-29.2	-174.8	0.0
10	45	-180.1	-273.1	11.5	38.9	36.6	61.1
	121	1822.6	13.4	-32.9	40.1	-84.7	0.0
	120	83.1	6.9	-20.0	-44.7	98.7	0.0
	80	-1316.4	-16.0	-37.1	-37.6	-121.8	0.0
11	45	-163.3	-226.0	-74.8	-32.4	-41.7	52.6
	121	1611.0	242.6	-239.8	-45.9	-81.7	0.0
	120	87.0	-16.5	-85.9	7.2	85.9	0.0
	80	-1143.8	-151.3	19.1	38.5	-114.4	0.0
12	45	-163.5	-225.7	-74.6	-32.3	-41.6	52.5
	121	1612.5	241.7	-239.1	-45.7	-81.7	0.0
	120	86.1	-16.4	-85.6	7.2	86.0	0.0
	80	-1144.8	-150.8	19.0	38.3	-114.5	0.0
13	45	-163.3	-226.0	-74.8	-32.4	-41.7	52.6
	121	1611.0	242.6	-239.8	-45.9	-81.7	0.0
	120	87.0	-16.5	-85.9	7.2	85.9	0.0
	80	-1143.8	-151.3	19.1	38.5	-114.4	0.0
14	45	-163.6	-225.5	-74.4	-32.2	-41.5	52.5
	121	1613.6	241.1	-238.6	-45.6	-81.7	0.0
	120	85.5	-16.2	-85.4	7.2	86.0	0.0
	80	-1145.4	-150.4	19.0	38.3	-114.6	0.0
15	45	-163.3	-226.0	-74.8	-32.4	-41.7	52.6
	121	1611.0	242.6	-239.8	-45.9	-81.7	0.0
	120	87.0	-16.5	-85.9	7.2	85.9	0.0
	80	-1143.8	-151.3	19.1	38.5	-114.4	0.0
16	45	-163.7	-225.3	-74.3	-32.2	-41.4	52.5
	121	1614.6	240.5	-238.1	-45.5	-81.7	0.0
	120	84.9	-16.1	-85.2	7.2	86.0	0.0
	80	-1146.1	-150.0	19.0	38.2	-114.6	0.0
1	121	494.1	842.4	160.8	-18.8	-54.6	-123.8
	196	2550.8	23.7	-161.4	-92.6	309.7	0.0
	195	-513.9	-50.6	-40.4	52.8	-135.8	0.0
	120	-2367.4	-133.9	269.1	48.3	312.9	0.0
2	121	563.1	973.3	184.3	-21.6	-62.7	-141.1
	196	2932.7	27.8	-185.0	-106.5	351.7	0.0
	195	-587.2	-58.6	-46.6	60.6	-155.7	0.0
	120	-2728.2	-153.5	308.6	55.5	356.4	0.0
3	121	289.4	898.8	142.3	-20.7	-81.8	-118.5
	196	2221.1	17.9	-139.7	-106.7	272.9	0.0
	195	-549.6	-52.7	-22.7	73.6	-138.0	0.0
	120	-2176.2	-109.4	257.7	83.9	293.5	0.0
4	121	0.6	986.2	77.6	9.0	-51.5	2.5
	196	2478.5	86.5	-79.6	-62.2	171.9	0.0
	195	-625.4	-78.2	-75.9	36.3	-20.4	0.0
	120	-2447.1	-139.8	132.0	45.3	194.6	0.0
5	121	784.7	591.9	226.4	-61.3	-99.6	-284.2
	196	1640.4	-85.6	-219.0	-149.0	397.0	0.0
	195	-321.6	-4.4	52.3	106.7	-292.1	0.0
	120	-1513.9	-58.1	411.2	109.5	402.5	0.0

6	121	920.6	416.2	233.7	-66.4	-84.6	-305.3
	196	1400.0	-105.6	-226.8	-140.8	402.3	0.0
	195	-202.0	11.3	63.3	97.9	-306.5	0.0
	120	-1217.0	-44.4	417.0	92.9	397.1	0.0
7	121	742.3	313.1	166.8	-37.7	-31.7	-188.6
	196	1419.8	-48.9	-165.7	-79.3	290.6	0.0
	195	-151.0	-0.1	14.0	44.2	-186.1	0.0
	120	-1186.6	-63.8	277.1	28.3	275.3	0.0
8	121	453.5	400.5	102.1	-7.9	-1.3	-67.6
	196	1677.2	19.8	-105.5	-34.8	189.6	0.0
	195	-226.8	-25.7	-39.3	6.9	-68.4	0.0
	120	-1457.4	-94.2	151.4	-10.3	176.4	0.0
9	121	-177.7	883.1	10.6	37.8	1.4	119.1
	196	2498.2	143.2	-18.4	-0.7	60.3	0.0
	195	-574.4	-89.7	-125.3	-17.4	100.0	0.0
	120	-2416.6	-159.2	-7.9	-19.3	72.9	0.0
10	121	-41.9	707.4	18.0	32.7	16.5	98.1
	196	2257.9	123.2	-26.2	7.5	65.6	0.0
	195	-454.8	-74.0	-114.3	-26.2	85.6	0.0
	120	-2119.7	-145.5	-2.1	-35.9	67.4	0.0
11	121	377.8	648.4	123.3	-14.4	-41.9	-94.7
	196	1958.8	18.4	-123.8	-71.1	236.4	0.0
	195	-393.5	-39.0	-31.1	40.5	-104.2	0.0
	120	-1820.0	-102.7	206.4	37.1	239.2	0.0
12	121	375.4	648.9	122.9	-14.4	-41.8	-94.1
	196	1955.2	18.5	-123.3	-71.0	234.5	0.0
	195	-391.5	-39.1	-31.0	40.4	-103.8	0.0
	120	-1818.8	-102.4	205.7	37.0	237.6	0.0
13	121	377.8	648.4	123.3	-14.4	-41.9	-94.7
	196	1958.8	18.4	-123.8	-71.1	236.4	0.0
	195	-393.5	-39.0	-31.1	40.5	-104.2	0.0
	120	-1820.0	-102.7	206.4	37.1	239.2	0.0
14	121	373.8	649.2	122.6	-14.3	-41.7	-93.7
	196	1952.7	18.6	-123.0	-70.9	233.2	0.0
	195	-390.2	-39.1	-31.0	40.3	-103.6	0.0
	120	-1818.0	-102.1	205.2	36.9	236.6	0.0
15	121	377.8	648.4	123.3	-14.4	-41.9	-94.7
	196	1958.8	18.4	-123.8	-71.1	236.4	0.0
	195	-393.5	-39.0	-31.1	40.5	-104.2	0.0
	120	-1820.0	-102.7	206.4	37.1	239.2	0.0
16	121	372.2	649.5	122.3	-14.3	-41.6	-93.3
	196	1950.3	18.8	-122.7	-70.8	231.9	0.0
	195	-388.9	-39.2	-31.0	40.3	-103.4	0.0
	120	-1817.2	-101.9	204.8	36.8	235.5	0.0
1	25	-348.6	325.6	-79.7	-205.5	55.3	72.1
	81	936.0	54.2	-160.9	39.8	-36.0	0.0
	46	294.2	97.4	42.2	-54.4	68.4	0.0
	6	-97.3	-71.9	-54.8	-34.3	-65.7	0.0
2	25	-401.9	375.9	-91.4	-235.6	63.4	83.1
	81	1082.2	61.9	-184.4	45.7	-41.0	0.0
	46	338.5	111.8	48.5	-62.3	78.8	0.0
	6	-113.8	-82.3	-62.8	-39.3	-75.3	0.0
3	25	-153.9	235.1	-79.1	-221.3	70.3	21.9
	81	556.5	112.5	-196.5	42.4	-17.7	0.0
	46	283.5	99.5	19.6	-54.8	12.6	0.0
	6	41.6	-125.6	-70.0	-49.3	-35.7	0.0
4	25	-186.4	210.5	-16.8	-34.1	8.5	32.0
	81	579.4	43.9	-113.1	8.7	-14.3	0.0
	46	299.5	30.1	-17.4	-9.7	24.0	0.0
	6	27.2	-50.0	34.0	2.6	-33.1	0.0
5	25	-184.2	283.5	-160.7	-459.8	144.2	30.0
	81	638.1	166.5	-270.9	85.1	-29.5	0.0
	46	218.3	187.0	84.5	-113.8	23.4	0.0
	6	-19.4	-190.5	-208.0	-111.8	-49.6	0.0
6	25	-242.8	300.2	-168.3	-476.9	145.8	47.0
	81	730.9	144.1	-251.4	87.9	-36.1	0.0
	46	178.5	192.7	103.2	-119.2	43.9	0.0
	6	-86.1	-170.6	-222.1	-113.4	-59.0	0.0
7	25	-349.0	291.0	-104.5	-278.4	75.5	78.6
	81	866.0	38.0	-131.5	51.8	-39.8	0.0
	46	150.8	118.4	81.7	-72.9	81.1	0.0
	6	-180.7	-59.1	-117.3	-54.7	-66.9	0.0
8	25	-381.6	266.3	-42.2	-91.1	13.7	88.7

	81	888.9	-30.6	-48.1	18.1	-36.4	0.0
	46	166.9	49.0	44.7	-27.8	92.4	0.0
	6	-195.1	16.5	-13.2	-2.8	-64.3	0.0
9	25	-292.7	201.2	47.0	164.4	-61.8	63.6
	81	714.5	-62.2	6.9	-27.3	-18.0	0.0
	46	271.9	-44.2	-38.9	36.6	61.1	0.0
	6	-67.3	61.5	138.9	61.3	-41.0	0.0
10	25	-351.2	218.0	39.4	147.3	-60.2	80.6
	81	807.4	-84.5	26.4	-24.5	-24.6	0.0
	46	232.1	-38.6	-20.2	31.1	81.7	0.0
	6	-134.0	81.4	124.7	59.7	-50.3	0.0
11	25	-268.0	250.5	-61.1	-157.6	42.4	55.4
	81	720.7	41.5	-123.4	30.5	-27.5	0.0
	46	226.0	74.8	32.4	-41.7	52.6	0.0
	6	-75.4	-55.1	-42.0	-26.3	-50.4	0.0
12	25	-267.9	250.6	-61.0	-157.1	42.2	55.4
	81	721.5	41.3	-123.0	30.4	-27.4	0.0
	46	225.7	74.6	32.3	-41.6	52.5	0.0
	6	-75.9	-54.9	-41.9	-26.2	-50.2	0.0
13	25	-268.0	250.5	-61.1	-157.6	42.4	55.4
	81	720.7	41.5	-123.4	30.5	-27.5	0.0
	46	226.0	74.8	32.4	-41.7	52.6	0.0
	6	-75.4	-55.1	-42.0	-26.3	-50.4	0.0
14	25	-267.8	250.6	-60.8	-156.8	42.2	55.3
	81	722.0	41.2	-122.7	30.4	-27.2	0.0
	46	225.5	74.4	32.2	-41.5	52.5	0.0
	6	-76.2	-54.8	-41.8	-26.1	-50.1	0.0
15	25	-268.0	250.5	-61.1	-157.6	42.4	55.4
	81	720.7	41.5	-123.4	30.5	-27.5	0.0
	46	226.0	74.8	32.4	-41.7	52.6	0.0
	6	-75.4	-55.1	-42.0	-26.3	-50.4	0.0
16	25	-267.8	250.7	-60.7	-156.4	42.1	55.3
	81	722.5	41.0	-122.4	30.3	-27.1	0.0
	46	225.3	74.3	32.2	-41.4	52.5	0.0
	6	-76.6	-54.6	-41.7	-26.1	-50.0	0.0
1	81	-526.1	-1485.7	-197.3	24.9	-50.1	148.6
	126	114.1	-21.7	-112.0	-9.4	-111.6	0.0
	125	2092.3	316.4	-312.7	59.9	106.2	0.0
	46	-294.2	-97.4	-42.2	54.4	-68.4	0.0
2	81	-608.6	-1717.2	-226.1	28.5	-57.5	171.8
	126	129.1	-24.5	-128.4	-10.8	-128.9	0.0
	125	2418.8	362.5	-358.6	68.6	122.6	0.0
	46	-338.5	-111.8	-48.5	62.3	-78.8	0.0
3	81	-146.0	-626.3	-235.3	-0.3	-45.5	16.2
	126	278.7	-44.7	-120.8	8.3	-28.2	0.0
	125	935.3	366.6	-276.9	42.7	-0.4	0.0
	46	-261.3	-73.0	-19.6	54.8	-12.6	0.0
4	81	-209.4	-805.8	-147.5	-28.0	-2.6	36.4
	126	245.8	-27.3	-79.1	34.3	-44.7	0.0
	125	1161.7	220.9	-157.6	-3.9	14.8	0.0
	46	-281.7	-26.0	17.4	9.7	-24.0	0.0
5	81	-232.4	-718.2	-308.7	55.1	-105.5	54.5
	126	192.6	-51.0	-159.1	-41.9	-43.7	0.0
	125	1067.8	499.1	-430.5	115.4	34.1	0.0
	46	-205.1	-145.1	-84.5	113.8	-23.4	0.0
6	81	-369.8	-976.4	-283.8	75.0	-113.9	107.5
	126	86.0	-39.0	-150.2	-59.0	-73.4	0.0
	125	1407.7	467.0	-442.9	131.0	78.8	0.0
	46	-177.3	-159.9	-103.2	119.2	-43.9	0.0
7	81	-603.9	-1487.0	-152.3	65.9	-73.7	192.9
	126	-76.7	-4.8	-91.1	-48.6	-127.4	0.0
	125	2068.6	259.4	-318.1	94.8	148.7	0.0
	46	-168.6	-122.4	-81.7	72.9	-81.1	0.0
8	81	-667.2	-1666.5	-64.4	38.2	-30.8	213.1
	126	-109.6	12.5	-49.3	-22.6	-143.9	0.0
	125	2295.0	113.7	-198.8	48.2	163.9	0.0
	46	-189.0	-75.5	-44.7	27.8	-92.4	0.0
9	81	-443.5	-1316.4	-16.0	-37.1	37.6	121.8
	126	83.1	6.9	-20.0	44.7	-98.7	0.0
	125	1822.6	13.4	-32.9	-40.1	84.7	0.0
	46	-273.1	11.5	38.9	-36.6	-61.1	0.0
10	81	-580.8	-1574.6	9.0	-17.3	29.2	174.8
	126	-23.5	18.8	-11.1	27.6	-128.4	0.0

	125	2162.6	-18.8	-45.2	-24.5	129.4	0.0
	46	-245.3	-3.4	20.2	-31.1	-81.7	0.0
11	81	-405.2	-1143.8	-151.3	19.1	-38.5	114.4
	126	86.9	-16.5	-85.9	-7.2	-85.9	0.0
	125	1611.0	242.6	-239.8	45.9	81.7	0.0
	46	-226.0	-74.8	-32.4	41.7	-52.6	0.0
12	81	-405.7	-1144.8	-150.8	19.0	-38.3	114.5
	126	86.0	-16.4	-85.6	-7.2	-86.0	0.0
	125	1612.5	241.7	-239.1	45.7	81.7	0.0
	46	-225.7	-74.6	-32.3	41.6	-52.5	0.0
13	81	-405.2	-1143.8	-151.3	19.1	-38.5	114.4
	126	86.9	-16.5	-85.9	-7.2	-85.9	0.0
	125	1611.0	242.6	-239.8	45.9	81.7	0.0
	46	-226.0	-74.8	-32.4	41.7	-52.6	0.0
14	81	-406.1	-1145.4	-150.4	19.0	-38.3	114.6
	126	85.4	-16.2	-85.4	-7.2	-86.0	0.0
	125	1613.6	241.1	-238.6	45.6	81.7	0.0
	46	-225.5	-74.4	-32.2	41.5	-52.5	0.0
15	81	-405.2	-1143.8	-151.3	19.1	-38.5	114.4
	126	86.9	-16.5	-85.9	-7.2	-85.9	0.0
	125	1611.0	242.6	-239.8	45.9	81.7	0.0
	46	-226.0	-74.8	-32.4	41.7	-52.6	0.0
16	81	-406.5	-1146.1	-150.0	19.0	-38.2	114.6
	126	84.8	-16.1	-85.2	-7.2	-86.0	0.0
	125	1614.6	240.5	-238.1	45.5	81.7	0.0
	46	-225.3	-74.3	-32.2	41.4	-52.5	0.0
1	126	260.0	-2367.4	-133.9	269.1	-48.3	-312.9
	201	-513.9	-50.6	-40.4	-52.8	135.8	0.0
	200	2550.8	23.7	-161.4	92.6	-309.7	0.0
	125	842.4	160.8	-18.8	54.6	123.8	0.0
2	126	290.1	-2728.2	-153.5	308.6	-55.5	-356.4
	201	-587.2	-58.6	-46.6	-60.6	155.7	0.0
	200	2932.7	27.8	-185.0	106.5	-351.7	0.0
	125	973.3	184.3	-21.6	62.7	141.1	0.0
3	126	631.9	-1186.6	-63.9	277.1	-28.3	-275.3
	201	-151.0	-0.1	14.0	-44.2	186.1	0.0
	200	1419.8	-48.9	-165.7	79.3	-290.6	0.0
	125	313.1	166.8	-37.7	31.7	188.6	0.0
4	126	324.7	-1457.4	-94.2	151.4	10.3	-176.4
	201	-226.8	-25.7	-39.3	-6.9	68.4	0.0
	200	1677.2	19.8	-105.5	34.8	-189.6	0.0
	125	400.5	102.1	-7.9	1.3	67.6	0.0
5	126	787.0	-1217.0	-44.4	417.0	-92.9	-397.1
	201	-202.0	11.4	63.3	-97.9	306.5	0.0
	200	1400.0	-105.6	-226.8	140.8	-402.3	0.0
	125	416.2	233.7	-66.4	84.6	305.3	0.0
6	126	612.7	-1513.9	-58.1	411.2	-109.5	-402.5
	201	-321.6	-4.4	52.3	-106.7	292.1	0.0
	200	1640.4	-85.6	-219.0	149.0	-397.0	0.0
	125	591.9	226.4	-61.3	99.6	284.2	0.0
7	126	50.9	-2176.2	-109.4	257.7	-83.9	-293.5
	201	-549.6	-52.6	-22.7	-73.6	138.0	0.0
	200	2221.1	17.9	-139.7	106.7	-272.9	0.0
	125	898.8	142.3	-20.7	81.8	118.5	0.0
8	126	-256.4	-2447.1	-139.8	132.0	-45.3	-194.6
	201	-625.4	-78.2	-75.9	-36.3	20.4	0.0
	200	2478.5	86.5	-79.6	62.2	-171.9	0.0
	125	986.2	77.6	9.0	51.5	-2.5	0.0
9	126	-237.1	-2119.7	-145.5	-2.1	35.9	-67.4
	201	-454.8	-74.0	-114.3	26.2	-85.6	0.0
	200	2257.9	123.2	-26.2	-7.5	-65.6	0.0
	125	707.4	18.0	32.7	-16.5	-98.1	0.0
10	126	-411.4	-2416.6	-159.2	-7.9	19.3	-72.9
	201	-574.4	-89.7	-125.3	17.4	-100.0	0.0
	200	2498.2	143.2	-18.4	0.7	-60.3	0.0
	125	883.1	10.7	37.8	-1.4	-119.1	0.0
11	126	196.8	-1820.0	-102.7	206.4	-37.1	-239.2
	201	-393.5	-39.0	-31.1	-40.5	104.2	0.0
	200	1958.8	18.4	-123.8	71.1	-236.4	0.0
	125	648.4	123.3	-14.4	41.9	94.7	0.0
12	126	193.4	-1818.8	-102.4	205.7	-37.0	-237.6
	201	-391.5	-39.1	-31.0	-40.4	103.8	0.0
	200	1955.2	18.5	-123.3	71.0	-234.5	0.0

	125	648.9	122.9	-14.4	41.8	94.1	0.0
13	126	196.8	-1820.0	-102.7	206.4	-37.1	-239.2
	201	-393.5	-39.0	-31.1	-40.5	104.2	0.0
	200	1958.8	18.4	-123.8	71.1	-236.4	0.0
	125	648.4	123.3	-14.4	41.9	94.7	0.0
14	126	191.2	-1818.0	-102.1	205.2	-36.9	-236.6
	201	-390.2	-39.1	-31.0	-40.3	103.6	0.0
	200	1952.7	18.6	-123.0	70.9	-233.2	0.0
	125	649.2	122.6	-14.3	41.7	93.7	0.0
15	126	196.8	-1820.0	-102.7	206.4	-37.1	-239.2
	201	-393.5	-39.0	-31.1	-40.5	104.2	0.0
	200	1958.8	18.4	-123.8	71.1	-236.4	0.0
	125	648.4	123.3	-14.4	41.9	94.7	0.0
16	126	188.9	-1817.2	-101.9	204.8	-36.8	-235.5
	201	-388.9	-39.2	-31.0	-40.3	103.4	0.0
	200	1950.3	18.8	-122.7	70.8	-231.9	0.0
	125	649.5	122.3	-14.3	41.6	93.3	0.0
1	26	-238.5	64.7	-238.8	-425.4	91.7	3.5
	82	1408.3	91.1	-265.7	49.2	-17.9	0.0
	47	2346.6	275.1	-8.1	-40.6	-255.1	0.0
	7	555.7	-127.5	-216.4	10.3	-127.5	0.0
2	26	-275.6	73.6	-273.7	-487.7	105.1	4.5
	82	1629.5	104.6	-304.5	56.4	-19.6	0.0
	47	2707.3	315.3	-9.4	-46.5	-293.5	0.0
	7	638.0	-146.2	-248.2	11.8	-146.6	0.0
3	26	-72.1	457.0	-269.0	-566.8	118.3	-5.5
	82	1273.4	180.8	-301.4	51.4	35.0	0.0
	47	1270.2	303.4	3.9	-56.2	-147.9	0.0
	7	348.6	-207.8	-326.1	-12.5	-83.1	0.0
4	26	-130.3	232.6	-122.8	-136.7	43.4	-0.2
	82	1086.0	44.6	-197.6	70.7	45.7	0.0
	47	1560.3	145.3	-94.6	-15.0	-169.9	0.0
	7	470.8	-63.3	-43.0	11.1	-55.7	0.0
5	26	-62.2	511.3	-429.5	-1048.7	197.8	-7.4
	82	1428.5	309.5	-389.1	12.2	-14.4	0.0
	47	1204.5	477.2	146.2	-101.0	-147.7	0.0
	7	215.6	-349.4	-642.5	-34.1	-134.7	0.0
6	26	-111.8	333.4	-420.8	-1031.6	191.1	-3.7
	82	1374.1	283.5	-360.5	-2.0	-46.1	0.0
	47	1438.1	468.0	169.7	-98.1	-169.5	0.0
	7	223.9	-326.3	-630.6	-29.0	-151.5	0.0
7	26	-237.5	-135.8	-240.0	-509.9	96.0	6.7
	82	1091.9	94.2	-206.0	4.0	-70.7	0.0
	47	2049.2	272.8	82.1	-46.7	-220.5	0.0
	7	376.2	-130.8	-286.3	4.5	-139.1	0.0
8	26	-295.7	-360.2	-93.7	-79.8	21.1	12.0
	82	904.5	-42.0	-102.2	23.3	-60.0	0.0
	47	2339.3	114.6	-16.5	-5.5	-242.5	0.0
	7	498.5	13.7	-3.2	28.1	-111.6	0.0
9	26	-256.0	-236.7	58.1	385.0	-51.8	10.2
	82	803.8	-144.7	-43.1	76.6	21.1	0.0
	47	2171.4	-49.9	-182.2	36.4	-220.9	0.0
	7	623.1	132.2	301.3	44.6	-43.3	0.0
10	26	-305.7	-414.5	66.8	402.0	-58.5	13.9
	82	749.4	-170.7	-14.5	62.4	-10.6	0.0
	47	2405.1	-59.1	-158.8	39.3	-242.7	0.0
	7	631.4	155.3	313.2	49.7	-60.0	0.0
11	26	-183.6	49.4	-183.1	-326.2	70.3	2.8
	82	1084.8	69.9	-203.7	37.7	-13.5	0.0
	47	1805.0	210.9	-6.2	-31.1	-196.0	0.0
	7	426.4	-97.8	-166.0	7.9	-97.9	0.0
12	26	-183.7	49.0	-182.4	-325.1	70.1	3.0
	82	1086.4	69.7	-203.0	37.6	-13.1	0.0
	47	1804.9	210.2	-6.2	-31.0	-195.7	0.0
	7	425.3	-97.5	-165.5	7.9	-97.7	0.0
13	26	-183.6	49.4	-183.1	-326.2	70.3	2.8
	82	1084.8	69.9	-203.7	37.7	-13.5	0.0
	47	1805.0	210.9	-6.2	-31.1	-196.0	0.0
	7	426.4	-97.8	-166.0	7.9	-97.9	0.0
14	26	-183.8	48.8	-182.0	-324.4	69.9	3.1
	82	1087.4	69.6	-202.5	37.5	-12.9	0.0
	47	1804.8	209.7	-6.3	-30.9	-195.5	0.0
	7	424.6	-97.3	-165.2	7.9	-97.6	0.0

15	26	-183.6	49.4	-183.1	-326.2	70.3	2.8
	82	1084.8	69.9	-203.7	37.7	-13.5	0.0
	47	1805.0	210.9	-6.2	-31.1	-196.0	0.0
	7	426.4	-97.8	-166.0	7.9	-97.9	0.0
16	26	-183.9	48.5	-181.6	-323.7	69.7	3.2
	82	1088.4	69.5	-202.0	37.4	-12.6	0.0
	47	1804.8	209.3	-6.3	-30.9	-195.3	0.0
	7	423.9	-97.1	-164.8	7.8	-97.4	0.0
1	82	-869.6	-2090.5	-92.4	162.9	-45.8	-22.3
	128	2325.7	120.9	-223.0	-39.5	192.7	0.0
	127	2624.9	89.3	-391.4	27.4	30.7	0.0
	47	-1580.5	-117.8	136.1	36.6	130.7	0.0
2	82	-1003.1	-2418.4	-106.1	186.7	-52.6	-27.5
	128	2674.9	138.8	-255.9	-45.3	220.4	0.0
	127	3041.5	102.4	-448.8	31.4	31.6	0.0
	47	-1821.5	-135.1	156.1	42.0	149.9	0.0
3	82	-160.6	-1002.1	-97.8	185.5	-43.1	-84.4
	128	1826.6	70.8	-200.9	-32.2	186.0	0.0
	127	1376.0	105.3	-354.6	18.2	-59.0	0.0
	47	-1270.6	-88.2	175.8	35.6	149.7	0.0
4	82	-315.5	-1296.8	0.0	130.4	8.6	-77.8
	128	1879.3	17.4	-115.4	1.7	195.2	0.0
	127	1665.7	-9.9	-212.5	-42.1	-42.6	0.0
	47	-1314.9	-22.4	114.3	-19.3	142.1	0.0
5	82	-281.3	-984.7	-227.1	225.7	-115.8	-49.1
	128	1712.8	166.8	-308.7	-82.1	143.8	0.0
	127	1397.9	253.9	-530.2	111.6	-29.4	0.0
	47	-1163.1	-189.0	218.4	113.5	125.9	0.0
6	82	-539.6	-1264.6	-240.0	205.2	-126.4	-12.0
	128	1668.1	195.6	-315.7	-91.0	117.0	0.0
	127	1706.4	266.0	-538.6	131.3	12.4	0.0
	47	-1115.4	-209.5	193.5	125.3	98.0	0.0
7	82	-1021.7	-1934.9	-141.0	117.0	-78.4	39.0
	128	1677.4	166.9	-224.2	-61.8	96.4	0.0
	127	2404.4	145.8	-382.7	83.9	80.4	0.0
	47	-1111.4	-156.8	92.7	75.0	56.6	0.0
8	82	-1176.6	-2229.6	-43.1	62.0	-26.7	45.7
	128	1730.1	113.5	-138.7	-27.9	105.6	0.0
	127	2694.1	30.5	-240.6	23.5	96.9	0.0
	47	-1155.7	-91.0	31.2	20.0	49.1	0.0
9	82	-797.6	-1967.1	99.1	42.3	56.6	-26.7
	128	1888.7	-11.3	-23.9	30.8	174.6	0.0
	127	2363.7	-130.2	-56.5	-89.6	25.4	0.0
	47	-1311.0	30.3	13.5	-69.6	100.7	0.0
10	82	-1055.9	-2247.0	86.1	21.7	46.0	10.3
	128	1843.9	17.5	-30.9	22.0	147.8	0.0
	127	2672.2	-118.1	-64.9	-69.9	67.2	0.0
	47	-1263.2	9.7	-11.4	-57.8	72.8	0.0
11	82	-668.8	-1610.1	-70.9	124.9	-35.1	-17.7
	128	1786.2	92.8	-171.1	-30.3	147.6	0.0
	127	2023.3	68.5	-300.1	21.0	22.4	0.0
	47	-1215.1	-90.4	104.4	28.1	100.2	0.0
12	82	-668.8	-1612.3	-70.7	124.5	-35.0	-18.4
	128	1783.3	92.5	-170.6	-30.2	146.9	0.0
	127	2027.7	68.3	-299.2	21.0	21.1	0.0
	47	-1214.3	-90.1	104.1	28.0	99.9	0.0
13	82	-668.8	-1610.1	-70.9	124.9	-35.1	-17.7
	128	1786.2	92.8	-171.1	-30.3	147.6	0.0
	127	2023.3	68.5	-300.1	21.0	22.4	0.0
	47	-1215.1	-90.4	104.4	28.1	100.2	0.0
14	82	-668.7	-1613.7	-70.6	124.2	-35.0	-18.8
	128	1781.3	92.4	-170.3	-30.2	146.5	0.0
	127	2030.6	68.1	-298.5	20.9	20.2	0.0
	47	-1213.9	-89.9	103.8	27.9	99.7	0.0
15	82	-668.8	-1610.1	-70.9	124.9	-35.1	-17.7
	128	1786.2	92.8	-171.1	-30.3	147.6	0.0
	127	2023.3	68.5	-300.1	21.0	22.4	0.0
	47	-1215.1	-90.4	104.4	28.1	100.2	0.0
16	82	-668.6	-1615.1	-70.5	123.9	-34.9	-19.2
	128	1779.3	92.2	-170.0	-30.1	146.0	0.0
	127	2033.6	68.0	-297.9	20.9	19.4	0.0
	47	-1213.4	-89.7	103.6	27.9	99.5	0.0

1	128	-811.6	-2846.0	-99.9	345.9	-151.2	-211.6
	203	284.2	154.2	-495.0	-82.1	-71.9	0.0
	202	4754.6	43.5	-456.6	151.5	-381.6	0.0
	127	-657.1	-97.8	249.8	41.0	277.8	0.0
2	128	-928.3	-3277.9	-114.3	396.9	-173.3	-244.3
	203	379.1	176.5	-567.3	-94.0	-72.3	0.0
	202	5450.3	49.9	-523.7	173.7	-435.3	0.0
	127	-779.7	-112.1	286.5	47.1	322.1	0.0
3	128	-134.0	-1663.6	-23.0	332.3	-148.5	-199.8
	203	427.7	204.0	-264.5	-80.8	41.4	0.0
	202	2980.5	-77.4	-369.7	118.4	-343.9	0.0
	127	-624.7	-104.4	204.9	17.7	281.5	0.0
4	128	-544.6	-2032.6	-82.6	149.7	-63.2	-103.4
	203	228.9	101.6	-338.2	-30.9	-89.7	0.0
	202	3506.7	68.8	-241.5	90.8	-260.5	0.0
	127	-576.8	-159.9	143.1	6.9	182.2	0.0
5	128	152.5	-1466.7	30.5	560.9	-254.4	-320.2
	203	627.2	298.3	-230.9	-143.5	181.8	0.0
	202	2625.3	-221.7	-548.4	158.0	-430.8	0.0
	127	-632.5	0.9	288.2	43.5	386.1	0.0
6	128	-12.4	-1667.0	16.7	574.3	-259.8	-327.1
	203	599.4	276.7	-275.7	-147.4	171.0	0.0
	202	2847.0	-199.2	-573.4	164.3	-421.9	0.0
	127	-591.2	35.5	297.8	54.9	376.3	0.0
7	128	-683.8	-2331.1	-68.8	376.9	-166.6	-222.6
	203	335.0	132.0	-413.9	-93.7	5.5	0.0
	202	3719.5	-2.5	-453.0	139.5	-314.2	0.0
	127	-487.3	11.2	236.9	55.5	249.0	0.0
8	128	-1094.4	-2700.1	-128.3	194.3	-81.3	-126.2
	203	136.2	29.6	-487.5	-43.8	-125.7	0.0
	202	4245.7	143.7	-324.9	111.9	-230.8	0.0
	127	-439.4	-44.3	175.2	44.7	149.7	0.0
9	128	-1216.0	-2696.7	-168.1	-47.7	30.0	1.0
	203	-35.4	-43.0	-476.3	22.8	-255.3	0.0
	202	4379.3	265.5	-121.1	65.9	-152.7	0.0
	127	-472.8	-184.2	82.3	7.5	54.9	0.0
10	128	-1380.9	-2897.0	-181.8	-34.3	24.6	-5.8
	203	-63.2	-64.6	-521.1	18.9	-266.0	0.0
	202	4601.0	288.0	-146.1	72.3	-143.8	0.0
	127	-431.6	-149.5	91.9	18.9	45.1	0.0
11	128	-621.6	-2187.3	-76.5	265.4	-116.0	-162.8
	203	235.2	118.1	-379.5	-62.9	-51.9	0.0
	202	3645.8	33.4	-350.2	116.2	-291.9	0.0
	127	-512.4	-75.0	191.6	31.5	214.2	0.0
12	128	-618.8	-2185.2	-76.2	264.6	-115.6	-162.9
	203	252.8	117.7	-378.2	-62.7	-48.2	0.0
	202	3633.5	33.3	-349.1	115.8	-290.2	0.0
	127	-519.8	-74.7	191.0	31.4	214.7	0.0
13	128	-621.6	-2187.3	-76.5	265.4	-116.0	-162.8
	203	235.2	118.1	-379.5	-62.9	-51.9	0.0
	202	3645.8	33.4	-350.2	116.2	-291.9	0.0
	127	-512.4	-75.0	191.6	31.5	214.2	0.0
14	128	-617.0	-2183.9	-76.0	264.1	-115.3	-162.9
	203	264.4	117.3	-377.3	-62.5	-45.8	0.0
	202	3625.4	33.2	-348.4	115.5	-289.0	0.0
	127	-524.7	-74.6	190.6	31.3	215.1	0.0
15	128	-621.6	-2187.3	-76.5	265.4	-116.0	-162.8
	203	235.2	118.1	-379.5	-62.9	-51.9	0.0
	202	3645.8	33.4	-350.2	116.2	-291.9	0.0
	127	-512.4	-75.0	191.6	31.5	214.2	0.0
16	128	-615.1	-2182.5	-75.8	263.6	-115.0	-163.0
	203	276.1	117.0	-376.5	-62.4	-43.3	0.0
	202	3617.2	33.2	-347.6	115.3	-287.9	0.0
	127	-529.6	-74.4	190.2	31.2	215.4	0.0
1	7	-78.3	168.3	-100.6	-195.5	56.4	-11.8
	47	716.2	-30.1	-156.0	41.1	9.7	0.0
	81	545.1	146.6	77.5	-40.2	-29.1	0.0
	25	28.8	-15.9	-17.3	-24.6	-10.6	0.0
2	7	-92.1	190.5	-115.4	-224.2	64.6	-13.5
	47	822.1	-34.5	-178.8	47.2	10.6	0.0
	81	634.4	168.2	88.8	-46.1	-33.7	0.0
	25	35.8	-18.3	-19.9	-28.2	-12.6	0.0
3	7	-57.2	263.3	-110.8	-263.1	68.8	3.8

	47	598.0	-49.3	-188.4	39.0	5.9	0.0
	81	250.6	165.9	112.2	-45.4	-4.8	0.0
	25	11.9	-4.1	-36.1	-39.9	-10.9	0.0
4	7	-53.4	188.5	-51.4	-76.5	7.9	-0.4
	47	544.9	-92.7	-102.1	11.0	16.1	0.0
	81	341.6	97.7	40.7	-7.8	-11.2	0.0
	25	49.1	44.4	30.7	5.8	1.2	0.0
5	7	-66.7	279.8	-176.9	-466.1	143.1	1.1
	47	641.8	35.0	-270.5	76.1	-9.0	0.0
	81	235.5	231.4	183.3	-92.1	-7.5	0.0
	25	-35.1	-83.2	-121.4	-94.4	-27.6	0.0
6	7	-71.0	219.2	-174.2	-453.4	145.8	-5.3
	47	626.4	63.9	-254.5	79.9	-11.5	0.0
	81	313.5	219.2	172.8	-94.5	-16.2	0.0
	25	-38.2	-102.6	-127.7	-95.4	-29.9	0.0
7	7	-71.6	61.2	-101.6	-220.8	77.8	-17.6
	47	546.4	47.0	-135.1	51.6	-2.6	0.0
	81	510.6	125.4	77.0	-53.4	-33.9	0.0
	25	1.5	-68.6	-57.1	-43.2	-18.4	0.0
8	7	-67.7	-13.6	-42.2	-34.2	16.9	-21.7
	47	493.3	3.6	-48.8	23.5	7.5	0.0
	81	601.5	57.1	5.5	-15.7	-40.2	0.0
	25	38.7	-20.2	9.6	2.5	-6.3	0.0
9	7	-53.9	30.5	21.1	156.0	-60.1	-12.6
	47	465.0	-109.6	17.3	-17.4	25.0	0.0
	81	538.7	3.9	-55.1	33.4	-28.8	0.0
	25	88.8	78.4	101.2	58.0	12.6	0.0
10	7	-58.2	-30.1	23.9	168.7	-57.3	-19.0
	47	449.5	-80.7	33.3	-13.6	22.4	0.0
	81	616.6	-8.3	-65.6	31.0	-37.5	0.0
	25	85.7	59.0	94.9	57.0	10.4	0.0
11	7	-60.8	128.3	-77.2	-149.9	43.2	-9.0
	47	549.6	-23.1	-119.6	31.5	7.3	0.0
	81	421.1	112.5	59.4	-30.9	-22.4	0.0
	25	23.0	-12.2	-13.3	-18.9	-8.3	0.0
12	7	-61.4	127.0	-76.9	-149.5	43.1	-9.0
	47	548.1	-23.0	-119.2	31.4	7.1	0.0
	81	422.9	112.1	59.2	-30.7	-22.4	0.0
	25	23.9	-12.2	-13.3	-18.8	-8.4	0.0
13	7	-60.8	128.3	-77.2	-149.9	43.2	-9.0
	47	549.6	-23.1	-119.6	31.5	7.3	0.0
	81	421.1	112.5	59.4	-30.9	-22.4	0.0
	25	23.0	-12.2	-13.3	-18.9	-8.3	0.0
14	7	-61.8	126.1	-76.8	-149.1	43.0	-9.0
	47	547.1	-22.9	-119.0	31.4	6.9	0.0
	81	424.2	111.9	59.1	-30.7	-22.5	0.0
	25	24.4	-12.2	-13.3	-18.8	-8.5	0.0
15	7	-60.8	128.3	-77.2	-149.9	43.2	-9.0
	47	549.6	-23.1	-119.6	31.5	7.3	0.0
	81	421.1	112.5	59.4	-30.9	-22.4	0.0
	25	23.0	-12.2	-13.3	-18.9	-8.3	0.0
16	7	-62.3	125.3	-76.6	-148.8	42.9	-9.0
	47	546.1	-22.9	-118.7	31.3	6.8	0.0
	81	425.4	111.6	58.9	-30.6	-22.5	0.0
	25	25.0	-12.1	-13.2	-18.7	-8.6	0.0
1	47	-585.7	-1482.4	-127.2	27.9	-37.2	114.7
	127	-166.2	22.5	-116.1	-14.4	-119.4	0.0
	126	2070.4	108.2	-166.3	27.2	69.7	0.0
	81	4.7	-3.5	58.5	50.6	-83.5	0.0
2	47	-677.8	-1708.0	-145.7	32.1	-42.6	133.0
	127	-182.5	25.8	-133.0	-16.5	-138.0	0.0
	126	2382.2	123.9	-190.7	31.1	81.7	0.0
	81	0.6	-4.0	67.1	58.0	-97.1	0.0
3	47	-115.0	-635.1	-150.4	12.2	-30.8	-3.1
	127	112.7	2.0	-113.7	1.2	-11.9	0.0
	126	992.2	128.9	-150.9	9.4	-28.0	0.0
	81	-142.1	-0.6	71.7	48.3	6.5	0.0
4	47	-194.1	-853.7	-92.6	-12.3	11.0	13.5
	127	1.6	-17.7	-78.1	31.5	-33.5	0.0
	126	1258.2	59.6	-87.2	-29.7	-16.5	0.0
	81	-78.0	12.9	47.2	1.5	-10.7	0.0
5	47	-231.6	-654.9	-200.4	55.7	-92.4	36.1
	127	120.8	42.4	-149.7	-53.1	-35.3	0.0

	126	1003.2	201.1	-230.5	76.5	12.8	0.0
	81	-141.5	-22.5	89.9	112.3	-17.6	0.0
6	47	-410.6	-890.6	-185.5	68.6	-103.4	86.4
	127	16.6	57.4	-145.1	-69.5	-77.0	0.0
	126	1278.6	193.8	-234.9	95.0	59.2	0.0
	81	-76.9	-27.7	81.0	120.5	-55.4	0.0
7	47	-711.8	-1420.8	-100.5	54.9	-67.5	164.6
	127	-234.5	52.0	-98.2	-53.3	-150.8	0.0
	126	1910.3	104.4	-165.7	70.9	126.8	0.0
	81	73.2	-18.1	41.8	75.4	-119.5	0.0
8	47	-790.9	-1639.5	-42.7	30.5	-25.7	181.3
	127	-345.7	32.3	-62.6	-23.0	-172.4	0.0
	126	2176.3	35.2	-101.9	31.8	138.4	0.0
	81	137.3	-4.6	17.3	28.6	-136.7	0.0
9	47	-495.3	-1383.9	-7.6	-25.9	46.9	91.7
	127	-249.6	-23.1	-31.2	47.7	-107.3	0.0
	126	1889.8	-29.7	-18.0	-53.8	51.2	0.0
	81	72.2	22.5	8.0	-43.6	-74.8	0.0
10	47	-674.3	-1619.6	7.3	-13.1	35.9	142.1
	127	-353.7	-8.1	-26.6	31.3	-149.0	0.0
	126	2165.2	-37.1	-22.4	-35.3	97.6	0.0
	81	136.8	17.2	-0.9	-35.5	-112.6	0.0
11	47	-451.2	-1139.5	-97.5	21.4	-28.5	88.5
	127	-124.8	17.3	-89.0	-11.0	-91.9	0.0
	126	1590.4	82.9	-127.5	20.8	54.0	0.0
	81	2.0	-2.7	44.9	38.8	-64.5	0.0
12	47	-451.8	-1138.7	-97.1	21.4	-28.4	88.7
	127	-121.7	17.2	-88.7	-11.0	-92.0	0.0
	126	1588.1	82.6	-127.1	20.7	54.5	0.0
	81	0.4	-2.6	44.7	38.7	-64.7	0.0
13	47	-451.2	-1139.5	-97.5	21.4	-28.5	88.5
	127	-124.8	17.3	-89.0	-11.0	-91.9	0.0
	126	1590.4	82.9	-127.5	20.8	54.0	0.0
	81	2.0	-2.7	44.9	38.8	-64.5	0.0
14	47	-452.3	-1138.1	-96.9	21.4	-28.3	88.9
	127	-119.6	17.2	-88.5	-11.0	-92.1	0.0
	126	1586.6	82.4	-126.9	20.7	54.8	0.0
	81	-0.7	-2.6	44.6	38.6	-64.9	0.0
15	47	-451.2	-1139.5	-97.5	21.4	-28.5	88.5
	127	-124.8	17.3	-89.0	-11.0	-91.9	0.0
	126	1590.4	82.9	-127.5	20.8	54.0	0.0
	81	2.0	-2.7	44.9	38.8	-64.5	0.0
16	47	-452.7	-1137.5	-96.7	21.3	-28.3	89.0
	127	-117.5	17.2	-88.3	-10.9	-92.1	0.0
	126	1585.0	82.1	-126.6	20.6	55.0	0.0
	81	-1.8	-2.6	44.6	38.5	-65.0	0.0
1	127	123.6	-1801.6	-14.0	257.6	-54.0	-189.1
	202	825.8	-62.9	16.0	-43.0	461.4	0.0
	201	1304.8	29.5	-222.7	85.7	-111.9	0.0
	126	182.9	47.4	9.2	30.6	354.8	0.0
2	127	135.2	-2079.3	-16.1	295.3	-62.0	-215.7
	202	932.0	-72.1	18.1	-49.6	524.5	0.0
	201	1521.0	34.1	-255.4	98.5	-128.2	0.0
	126	217.0	54.2	10.5	35.2	403.6	0.0
3	127	499.8	-906.1	8.5	247.4	-38.3	-207.8
	202	677.4	-19.6	58.1	-37.9	402.0	0.0
	201	681.2	-35.6	-223.6	73.9	-165.4	0.0
	126	-59.2	36.2	-13.9	10.1	337.1	0.0
4	127	194.3	-1126.1	-14.8	129.5	2.8	-101.8
	202	769.5	-36.2	1.1	-5.1	319.7	0.0
	201	783.9	24.5	-145.6	31.8	-48.2	0.0
	126	-25.0	-0.8	8.8	-15.1	242.2	0.0
5	127	673.4	-908.7	30.2	390.1	-102.6	-322.8
	202	490.2	-14.2	112.3	-84.3	487.2	0.0
	201	764.6	-86.0	-303.8	131.8	-286.8	0.0
	126	33.9	92.0	-33.7	57.5	431.1	0.0
6	127	516.7	-1131.0	25.7	394.5	-116.6	-315.4
	202	421.8	-26.2	101.6	-91.2	477.8	0.0
	201	938.7	-69.0	-294.7	139.4	-273.7	0.0
	126	148.0	102.9	-28.0	73.0	416.8	0.0
7	127	-22.6	-1647.0	-6.7	262.0	-85.1	-183.0
	202	449.4	-59.5	22.7	-61.0	370.8	0.0
	201	1261.7	21.0	-193.1	99.2	-121.7	0.0

	126	321.1	72.5	5.1	61.8	289.4	0.0
8	127	-328.1	-1867.0	-30.0	144.0	-44.1	-76.9
	202	541.5	-76.1	-34.4	-28.2	288.4	0.0
	201	1364.4	81.1	-115.1	57.1	-4.5	0.0
	126	355.3	35.6	27.8	36.7	194.5	0.0
9	127	-345.0	-1642.1	-47.2	-3.1	34.3	30.6
	202	797.2	-69.5	-77.9	25.1	212.6	0.0
	201	1106.8	114.5	-44.0	-8.4	103.8	0.0
	126	148.1	-31.1	41.9	-26.3	114.8	0.0
10	127	-501.7	-1864.4	-51.7	1.3	20.3	38.1
	202	728.8	-81.5	-88.5	18.2	203.3	0.0
	201	1281.0	131.5	-34.9	-0.8	116.9	0.0
	126	262.2	-20.2	47.6	-10.7	100.5	0.0
11	127	92.7	-1386.0	-10.8	197.5	-41.4	-144.6
	202	628.5	-48.2	12.2	-33.1	352.3	0.0
	201	1008.7	22.7	-170.8	65.8	-85.8	0.0
	126	142.6	36.3	7.1	23.5	271.1	0.0
12	127	90.1	-1386.2	-10.8	196.8	-41.3	-143.8
	202	621.3	-48.1	12.1	-33.1	349.7	0.0
	201	1014.0	22.7	-170.2	65.7	-85.5	0.0
	126	144.6	36.1	7.0	23.4	269.1	0.0
13	127	92.7	-1386.0	-10.8	197.5	-41.4	-144.6
	202	628.5	-48.2	12.2	-33.1	352.3	0.0
	201	1008.7	22.7	-170.8	65.8	-85.8	0.0
	126	142.6	36.3	7.1	23.5	271.1	0.0
14	127	88.4	-1386.4	-10.8	196.4	-41.3	-143.2
	202	616.6	-48.0	12.0	-33.1	347.9	0.0
	201	1017.5	22.7	-169.9	65.6	-85.3	0.0
	126	146.0	36.0	7.0	23.4	267.8	0.0
15	127	92.7	-1386.0	-10.8	197.5	-41.4	-144.6
	202	628.5	-48.2	12.2	-33.1	352.3	0.0
	201	1008.7	22.7	-170.8	65.8	-85.8	0.0
	126	142.6	36.3	7.1	23.5	271.1	0.0
16	127	86.7	-1386.5	-10.8	195.9	-41.2	-142.7
	202	611.8	-47.9	11.9	-33.1	346.1	0.0
	201	1021.0	22.7	-169.5	65.5	-85.0	0.0
	126	147.4	35.9	7.0	23.4	266.5	0.0
1	27	-643.3	397.3	-166.1	-362.2	60.6	271.0
	83	1630.4	28.1	-201.7	-33.2	-285.0	0.0
	48	1935.8	177.8	110.8	23.1	51.3	0.0
	8	411.8	-39.7	-61.6	53.0	-416.0	0.0
2	27	-742.3	457.8	-190.4	-415.3	69.5	313.1
	83	1885.9	32.3	-231.2	-38.1	-327.0	0.0
	48	2232.4	203.8	127.0	26.5	60.2	0.0
	8	472.4	-45.7	-70.8	60.7	-478.7	0.0
3	27	-151.8	657.7	-219.5	-519.1	77.6	48.0
	83	1566.6	62.4	-244.7	-26.1	-63.1	0.0
	48	1021.0	260.8	167.6	16.2	-84.7	0.0
	8	123.3	-74.4	-140.1	44.7	-197.7	0.0
4	27	-251.3	372.3	-80.8	-78.7	-9.5	81.3
	83	1192.1	35.1	-145.3	16.8	-26.6	0.0
	48	1391.1	88.1	-48.3	-12.2	-75.3	0.0
	8	413.1	-23.0	5.9	8.3	-138.3	0.0
5	27	-241.0	843.4	-364.6	-1016.5	187.5	110.3
	83	1920.0	75.2	-331.3	-90.5	-226.3	0.0
	48	786.4	434.8	436.5	60.3	-11.1	0.0
	8	-183.1	-121.6	-296.4	96.7	-372.4	0.0
6	27	-417.0	717.3	-350.2	-1002.3	194.7	196.9
	83	1848.3	58.8	-306.3	-102.9	-329.5	0.0
	48	955.3	411.2	451.2	69.6	61.3	0.0
	8	-156.0	-110.6	-284.3	105.0	-462.6	0.0
7	27	-738.5	237.3	-171.6	-472.0	101.5	336.7
	83	1327.7	7.9	-161.2	-67.4	-407.3	0.0
	48	1584.1	182.1	216.5	47.4	156.7	0.0
	8	213.7	-37.9	-99.9	72.2	-498.6	0.0
8	27	-838.0	-48.1	-32.9	-31.6	14.5	370.0
	83	953.1	-19.3	-61.9	-24.6	-370.8	0.0
	48	1954.1	9.4	0.6	18.9	166.1	0.0
	8	503.5	13.5	46.0	35.9	-439.2	0.0
9	27	-572.8	-107.8	97.8	451.6	-102.7	221.1
	83	671.5	-15.8	-0.3	52.3	-104.4	0.0
	48	2019.8	-141.0	-283.0	-34.5	20.1	0.0
	8	782.7	49.7	190.3	-24.4	-174.3	0.0

10	27	-748.8	-233.9	112.2	465.7	-95.5	307.7
	83	599.8	-32.1	24.7	39.8	-207.6	0.0
	48	2188.8	-164.6	-268.3	-25.2	92.5	0.0
	8	809.9	60.7	202.3	-16.2	-264.6	0.0
11	27	-494.8	305.4	-127.4	-277.8	46.5	208.6
	83	1255.7	21.6	-154.7	-25.5	-218.6	0.0
	48	1488.7	136.3	85.0	17.7	39.8	0.0
	8	315.9	-30.5	-47.3	40.6	-319.6	0.0
12	27	-494.9	305.2	-126.9	-276.9	46.3	208.7
	83	1257.2	21.5	-154.2	-25.4	-218.0	0.0
	48	1488.3	135.9	84.6	17.7	40.1	0.0
	8	314.9	-30.5	-47.2	40.5	-319.2	0.0
13	27	-494.8	305.4	-127.4	-277.8	46.5	208.6
	83	1255.7	21.6	-154.7	-25.5	-218.6	0.0
	48	1488.7	136.3	85.0	17.7	39.8	0.0
	8	315.9	-30.5	-47.3	40.6	-319.6	0.0
14	27	-494.9	305.0	-126.6	-276.3	46.2	208.9
	83	1258.3	21.5	-153.8	-25.4	-217.6	0.0
	48	1488.0	135.6	84.4	17.6	40.3	0.0
	8	314.3	-30.5	-47.1	40.4	-318.9	0.0
15	27	-494.8	305.4	-127.4	-277.8	46.5	208.6
	83	1255.7	21.6	-154.7	-25.5	-218.6	0.0
	48	1488.7	136.3	85.0	17.7	39.8	0.0
	8	315.9	-30.5	-47.3	40.6	-319.6	0.0
16	27	-494.9	304.9	-126.3	-275.7	46.1	209.0
	83	1259.4	21.5	-153.5	-25.4	-217.2	0.0
	48	1487.7	135.3	84.2	17.6	40.6	0.0
	8	313.7	-30.4	-47.1	40.3	-318.6	0.0
1	83	-452.2	-1373.3	-121.2	55.9	-89.4	-24.9
	130	2812.2	104.4	-129.2	-81.2	289.1	0.0
	129	1589.5	165.2	-326.9	98.2	46.0	0.0
	48	-1748.6	-148.3	-4.2	84.9	168.1	0.0
2	83	-523.6	-1593.1	-139.1	64.0	-102.5	-30.6
	130	3231.2	119.8	-148.3	-93.1	330.3	0.0
	129	1852.0	189.3	-374.7	112.8	48.9	0.0
	48	-2013.5	-170.0	-4.7	97.4	192.7	0.0
3	83	101.2	-759.2	-143.7	21.0	-78.9	-99.0
	130	2337.6	10.7	-60.4	-62.3	285.5	0.0
	129	966.6	184.3	-278.1	111.4	-60.4	0.0
	48	-1537.5	-81.7	-25.9	92.6	203.6	0.0
4	83	-27.9	-933.3	-9.8	119.7	-12.5	-85.5
	130	2180.0	46.8	-98.5	-14.5	274.0	0.0
	129	1115.9	32.4	-183.9	2.9	-32.9	0.0
	48	-1357.6	-35.9	88.4	2.7	182.1	0.0
5	83	-18.9	-710.5	-310.9	-113.8	-172.0	-65.2
	130	2442.9	4.0	-29.3	-134.6	256.0	0.0
	129	935.0	373.5	-400.1	250.4	-38.7	0.0
	48	-1672.1	-172.8	-183.2	209.4	183.1	0.0
6	83	-251.0	-842.9	-320.2	-130.5	-185.5	-22.7
	130	2375.4	34.4	-40.6	-148.6	219.2	0.0
	129	1057.2	383.8	-410.5	261.0	7.5	0.0
	48	-1607.5	-205.1	-203.8	219.5	144.1	0.0
7	83	-672.3	-1200.5	-174.8	-34.9	-123.6	42.6
	130	2112.9	112.0	-98.3	-109.1	162.8	0.0
	129	1373.9	218.6	-312.8	146.8	93.5	0.0
	48	-1322.4	-189.4	-94.6	126.5	73.4	0.0
8	83	-801.5	-1374.7	-40.9	63.8	-57.2	56.1
	130	1955.2	148.2	-136.4	-61.3	151.3	0.0
	129	1523.2	66.8	-218.7	38.3	121.0	0.0
	48	-1142.5	-143.6	19.7	36.7	51.9	0.0
9	83	-449.3	-1291.0	135.6	215.4	49.4	-20.2
	130	1917.4	124.5	-156.1	25.0	217.7	0.0
	129	1432.6	-132.8	-86.2	-111.3	53.1	0.0
	48	-1072.5	-20.2	197.6	-90.2	111.5	0.0
10	83	-681.4	-1423.4	126.3	198.6	36.0	22.3
	130	1850.0	154.9	-167.5	11.0	180.8	0.0
	129	1554.8	-122.4	-96.6	-100.7	99.2	0.0
	48	-1008.0	-52.5	177.0	-80.1	72.4	0.0
11	83	-348.4	-1059.2	-93.0	42.8	-68.6	-19.8
	130	2158.8	80.1	-99.1	-62.3	221.3	0.0
	129	1228.5	126.7	-250.6	75.4	34.0	0.0
	48	-1343.8	-113.7	-3.2	65.1	128.9	0.0
12	83	-349.1	-1062.1	-92.7	42.7	-68.4	-20.4

	130	2154.2	79.8	-98.9	-62.1	220.2	0.0
	129	1234.7	126.2	-249.8	75.2	32.6	0.0
	48	-1342.4	-113.3	-3.2	65.0	128.5	0.0
13	83	-348.4	-1059.2	-93.0	42.8	-68.6	-19.8
	130	2158.8	80.1	-99.1	-62.3	221.3	0.0
	129	1228.5	126.7	-250.6	75.4	34.0	0.0
	48	-1343.8	-113.7	-3.2	65.1	128.9	0.0
14	83	-349.5	-1064.0	-92.6	42.6	-68.2	-20.8
	130	2151.1	79.7	-98.7	-62.0	219.5	0.0
	129	1238.8	125.9	-249.2	75.1	31.7	0.0
	48	-1341.4	-113.1	-3.1	64.8	128.2	0.0
15	83	-348.4	-1059.2	-93.0	42.8	-68.6	-19.8
	130	2158.8	80.1	-99.1	-62.3	221.3	0.0
	129	1228.5	126.7	-250.6	75.4	34.0	0.0
	48	-1343.8	-113.7	-3.2	65.1	128.9	0.0
16	83	-349.9	-1066.0	-92.4	42.5	-68.1	-21.3
	130	2148.0	79.5	-98.5	-61.9	218.8	0.0
	129	1242.8	125.7	-248.6	74.9	30.8	0.0
	48	-1340.5	-112.8	-3.1	64.7	127.9	0.0
1	130	-222.6	-2490.2	-216.2	279.8	-234.8	-413.7
	205	980.4	358.0	-639.0	-138.5	-151.3	0.0
	204	4686.2	61.2	-590.5	155.1	-803.8	0.0
	129	-1640.8	-202.9	195.2	111.8	201.4	0.0
2	130	-254.6	-2863.3	-248.1	321.0	-269.3	-474.2
	205	1178.6	410.5	-732.8	-158.9	-163.3	0.0
	204	5362.5	70.5	-677.6	178.0	-915.7	0.0
	129	-1905.9	-232.9	223.7	128.4	234.6	0.0
3	130	119.4	-1596.1	-192.2	265.7	-237.2	-322.2
	205	1046.2	365.0	-507.4	-120.9	-39.6	0.0
	204	3119.0	-3.5	-549.7	146.3	-598.8	0.0
	129	-1465.1	-225.8	94.3	94.9	211.2	0.0
4	130	-150.7	-1786.1	-96.8	128.2	-83.3	-263.3
	205	712.0	143.5	-358.5	-57.6	-145.0	0.0
	204	3464.3	58.5	-296.0	74.3	-546.1	0.0
	129	-1280.6	-140.1	137.8	43.4	129.2	0.0
5	130	327.6	-1523.0	-317.6	437.3	-429.6	-406.1
	205	1389.5	635.9	-718.2	-206.0	76.3	0.0
	204	2896.8	-62.2	-864.4	235.8	-682.2	0.0
	129	-1614.0	-305.9	66.2	166.3	298.1	0.0
6	130	235.9	-1650.3	-329.7	446.9	-440.7	-419.0
	205	1349.7	646.7	-750.0	-215.6	70.2	0.0
	204	3051.6	-50.5	-880.5	240.5	-700.9	0.0
	129	-1556.9	-288.9	85.5	175.9	290.5	0.0
7	130	-186.2	-2020.4	-232.4	297.6	-274.0	-365.4
	205	913.4	400.8	-613.4	-153.2	-59.8	0.0
	204	3635.0	35.5	-603.3	161.9	-661.3	0.0
	129	-1275.1	-169.1	158.6	127.1	185.9	0.0
8	130	-456.4	-2210.3	-136.9	160.1	-120.1	-306.5
	205	579.2	179.4	-464.5	-89.9	-165.2	0.0
	204	3980.2	97.5	-349.7	89.9	-608.6	0.0
	129	-1090.5	-83.4	202.1	75.5	103.9	0.0
9	130	-572.8	-2156.2	0.5	-21.0	83.4	-209.7
	205	275.7	-102.3	-221.9	4.8	-275.0	0.0
	204	4047.6	144.5	-18.8	-4.2	-506.5	0.0
	129	-998.7	-20.3	211.0	-5.5	24.7	0.0
10	130	-664.5	-2283.5	-11.5	-11.4	72.3	-222.7
	205	235.9	-91.6	-253.7	-4.9	-281.1	0.0
	204	4202.4	156.2	-34.9	0.4	-525.2	0.0
	129	-941.7	-3.3	230.2	4.2	17.1	0.0
11	130	-170.5	-1912.3	-165.9	214.6	-180.1	-317.2
	205	769.6	274.5	-490.1	-106.2	-112.7	0.0
	204	3590.3	47.0	-453.0	119.0	-614.5	0.0
	129	-1266.3	-155.7	149.6	85.8	155.6	0.0
12	130	-169.8	-1908.9	-165.4	214.0	-179.5	-316.1
	205	785.7	273.6	-488.5	-105.9	-108.8	0.0
	204	3575.0	47.0	-451.8	118.7	-610.4	0.0
	129	-1270.6	-155.3	149.1	85.6	156.4	0.0
13	130	-170.5	-1912.3	-165.9	214.6	-180.1	-317.2
	205	769.6	274.5	-490.1	-106.2	-112.7	0.0
	204	3590.3	47.0	-453.0	119.0	-614.5	0.0
	129	-1266.3	-155.7	149.6	85.8	155.6	0.0
14	130	-169.2	-1906.6	-165.1	213.6	-179.2	-315.4
	205	796.5	273.1	-487.5	-105.7	-106.3	0.0

	204	3564.9	47.0	-450.9	118.5	-607.7	0.0
	129	-1273.5	-155.0	148.7	85.4	156.9	0.0
15	130	-170.5	-1912.3	-165.9	214.6	-180.1	-317.2
	205	769.6	274.5	-490.1	-106.2	-112.7	0.0
	204	3590.3	47.0	-453.0	119.0	-614.5	0.0
	129	-1266.3	-155.7	149.6	85.8	155.6	0.0
16	130	-168.7	-1904.4	-164.7	213.1	-178.8	-314.7
	205	807.3	272.5	-486.5	-105.5	-103.7	0.0
	204	3554.7	47.0	-450.1	118.2	-605.0	0.0
	129	-1276.4	-154.7	148.4	85.3	157.3	0.0
1	8	-455.9	374.9	-73.4	-313.5	42.4	224.3
	48	1832.9	158.5	-141.1	-40.3	-56.6	0.0
	82	1842.7	95.4	-5.4	-62.3	36.9	0.0
	26	324.8	-180.5	-174.6	-3.6	-227.3	0.0
2	8	-527.6	426.9	-84.4	-359.6	48.7	258.3
	48	2110.2	181.5	-162.0	-46.2	-66.4	0.0
	82	2134.4	109.6	-6.1	-71.2	41.3	0.0
	26	376.8	-206.7	-200.2	-4.1	-262.6	0.0
3	8	-83.9	690.0	-142.2	-468.0	77.1	63.2
	48	1671.9	190.2	-197.8	-33.8	58.0	0.0
	82	895.3	184.5	41.8	-53.8	-40.5	0.0
	26	110.3	-208.8	-257.3	-12.7	-108.6	0.0
4	8	-188.2	425.3	-33.8	-64.7	6.3	100.5
	48	1401.5	103.2	-117.9	5.9	81.4	0.0
	82	1226.1	49.0	-101.2	-81.8	-26.1	0.0
	26	314.7	-98.8	-40.2	-29.2	-66.0	0.0
5	8	-113.8	805.4	-246.4	-919.1	153.1	82.8
	48	1894.6	273.1	-255.6	-91.9	-49.6	0.0
	82	766.2	312.0	226.6	-6.8	-15.3	0.0
	26	-100.1	-325.3	-499.3	19.4	-219.8	0.0
6	8	-243.8	639.7	-227.3	-902.4	147.4	136.9
	48	1815.0	257.3	-225.4	-101.8	-118.3	0.0
	82	986.4	285.7	242.0	5.6	20.8	0.0
	26	-76.2	-315.3	-489.7	30.4	-272.5	0.0
7	8	-517.1	137.5	-78.4	-412.3	58.3	243.4
	48	1406.8	137.3	-97.0	-67.1	-171.2	0.0
	82	1629.2	96.8	93.2	-12.5	79.6	0.0
	26	190.1	-175.2	-225.3	23.9	-284.4	0.0
8	8	-621.4	-127.2	30.0	-9.0	-12.5	280.6
	48	1136.4	50.3	-17.2	-27.3	-147.8	0.0
	82	1960.0	-38.8	-49.8	-40.5	94.0	0.0
	26	394.5	-65.2	-8.2	7.3	-241.8	0.0
9	8	-461.5	-76.9	115.0	425.3	-82.8	206.9
	48	993.2	-16.8	10.5	40.7	28.6	0.0
	82	1868.9	-139.9	-250.1	-99.9	32.8	0.0
	26	581.0	41.3	224.2	-35.7	-77.9	0.0
10	8	-591.5	-242.6	134.2	442.0	-88.4	261.0
	48	913.7	-32.7	40.7	30.7	-40.2	0.0
	82	2089.1	-166.2	-234.7	-87.5	68.8	0.0
	26	604.9	51.4	233.8	-24.8	-130.6	0.0
11	8	-351.2	286.6	-56.4	-240.5	32.6	172.4
	48	1408.4	121.5	-108.3	-30.9	-43.9	0.0
	82	1420.1	73.2	-4.1	-47.7	28.0	0.0
	26	250.5	-138.3	-133.9	-2.8	-175.0	0.0
12	8	-351.7	284.6	-56.3	-239.7	32.5	172.2
	48	1406.8	121.0	-108.0	-30.8	-44.2	0.0
	82	1423.0	73.1	-4.1	-47.5	27.5	0.0
	26	251.2	-137.8	-133.5	-2.7	-175.1	0.0
13	8	-351.2	286.6	-56.4	-240.5	32.6	172.4
	48	1408.4	121.5	-108.3	-30.9	-43.9	0.0
	82	1420.1	73.2	-4.1	-47.7	28.0	0.0
	26	250.5	-138.3	-133.9	-2.8	-175.0	0.0
14	8	-352.1	283.3	-56.2	-239.2	32.4	172.1
	48	1405.7	120.7	-107.8	-30.7	-44.5	0.0
	82	1424.8	73.0	-4.1	-47.4	27.2	0.0
	26	251.7	-137.5	-133.2	-2.7	-175.1	0.0
15	8	-351.2	286.6	-56.4	-240.5	32.6	172.4
	48	1408.4	121.5	-108.3	-30.9	-43.9	0.0
	82	1420.1	73.2	-4.1	-47.7	28.0	0.0
	26	250.5	-138.3	-133.9	-2.8	-175.0	0.0
16	8	-352.5	282.1	-56.1	-238.8	32.3	172.0
	48	1404.7	120.4	-107.6	-30.6	-44.8	0.0
	82	1426.7	72.9	-4.0	-47.2	26.9	0.0

	26	252.2	-137.1	-132.9	-2.7	-175.2	0.0
1	48	-660.3	-2020.1	-188.0	34.5	-67.7	-162.8
	129	1412.1	130.1	-292.0	-37.3	-30.7	0.0
	128	3048.2	151.9	-273.8	89.6	-293.9	0.0
	82	-1160.6	-94.1	108.2	58.8	3.4	0.0
2	48	-761.4	-2329.1	-215.4	39.7	-77.7	-186.5
	129	1645.0	149.5	-334.6	-43.0	-31.5	0.0
	128	3506.3	173.9	-314.2	102.7	-335.4	0.0
	82	-1345.6	-108.1	123.9	67.4	5.9	0.0
3	48	-32.3	-1081.2	-183.0	19.5	-70.5	-178.7
	129	1323.3	91.5	-238.7	-37.0	63.0	0.0
	128	1814.0	146.8	-251.6	88.1	-276.4	0.0
	82	-1072.3	-63.4	150.0	59.2	87.7	0.0
4	48	-185.7	-1372.7	-52.8	104.4	0.6	-186.9
	129	1131.7	6.5	-172.8	14.1	33.5	0.0
	128	2158.2	31.6	-136.1	9.2	-291.7	0.0
	82	-932.1	5.0	80.7	-9.9	60.6	0.0
5	48	-132.2	-968.4	-352.2	-104.4	-165.1	-127.7
	129	1461.6	226.0	-326.8	-108.7	50.5	0.0
	128	1654.2	299.3	-396.6	193.7	-214.7	0.0
	82	-1164.8	-173.0	207.4	153.8	70.9	0.0
6	48	-371.2	-1163.2	-367.1	-125.7	-175.1	-92.2
	129	1388.4	256.2	-336.4	-119.0	10.3	0.0
	128	1861.3	314.9	-405.4	205.4	-177.2	0.0
	82	-1103.9	-198.6	187.5	165.9	29.5	0.0
7	48	-828.9	-1730.7	-232.6	-51.5	-103.9	-60.2
	129	1079.5	192.2	-270.8	-71.3	-71.1	0.0
	128	2504.4	198.7	-280.9	126.8	-151.2	0.0
	82	-869.4	-148.6	83.5	99.3	-50.4	0.0
8	48	-982.2	-2022.2	-102.4	33.4	-32.7	-68.4
	129	887.8	107.1	-204.9	-20.2	-100.5	0.0
	128	2848.5	83.5	-165.4	47.9	-166.4	0.0
	82	-729.3	-80.2	14.2	30.3	-77.4	0.0
9	48	-643.4	-1940.2	81.7	178.6	71.9	-154.9
	129	822.7	-57.6	-107.2	61.7	-47.8	0.0
	128	2801.2	-84.6	-11.5	-69.3	-265.7	0.0
	82	-697.6	55.0	-23.3	-76.4	-19.3	0.0
10	48	-882.3	-2135.0	66.8	157.3	61.9	-119.4
	129	749.6	-27.4	-116.8	51.4	-88.0	0.0
	128	3008.3	-69.0	-20.3	-57.7	-228.1	0.0
	82	-636.8	29.4	-43.3	-64.4	-60.7	0.0
11	48	-507.8	-1553.3	-144.1	26.5	-52.0	-124.8
	129	1091.3	99.9	-223.9	-28.7	-22.4	0.0
	128	2341.2	116.4	-210.0	68.7	-224.9	0.0
	82	-894.9	-72.2	82.9	45.1	3.2	0.0
12	48	-507.6	-1552.7	-143.6	26.5	-51.8	-124.3
	129	1096.7	99.7	-223.1	-28.7	-21.0	0.0
	128	2337.5	115.9	-209.5	68.4	-223.6	0.0
	82	-897.1	-72.1	82.6	45.0	3.9	0.0
13	48	-507.8	-1553.3	-144.1	26.5	-52.0	-124.8
	129	1091.3	99.9	-223.9	-28.7	-22.4	0.0
	128	2341.2	116.4	-210.0	68.7	-224.9	0.0
	82	-894.9	-72.2	82.9	45.1	3.2	0.0
14	48	-507.5	-1552.3	-143.2	26.5	-51.7	-124.0
	129	1100.2	99.5	-222.6	-28.6	-20.1	0.0
	128	2335.0	115.6	-209.1	68.3	-222.7	0.0
	82	-898.5	-72.0	82.4	44.9	4.4	0.0
15	48	-507.8	-1553.3	-144.1	26.5	-52.0	-124.8
	129	1091.3	99.9	-223.9	-28.7	-22.4	0.0
	128	2341.2	116.4	-210.0	68.7	-224.9	0.0
	82	-894.9	-72.2	82.9	45.1	3.2	0.0
16	48	-507.3	-1551.9	-142.9	26.4	-51.7	-123.7
	129	1103.8	99.4	-222.0	-28.6	-19.2	0.0
	128	2332.5	115.3	-208.7	68.1	-221.9	0.0
	82	-900.0	-71.9	82.2	44.8	4.9	0.0
1	129	67.9	-1360.8	-92.4	423.7	-172.7	-216.7
	204	4904.4	179.8	-366.5	-127.6	791.5	0.0
	203	520.0	85.5	-685.6	133.6	121.5	0.0
	128	-2528.0	-172.9	150.8	101.2	312.8	0.0
2	129	70.6	-1591.1	-106.0	485.6	-198.1	-252.0
	204	5607.7	206.1	-420.8	-146.3	901.4	0.0
	203	658.6	98.3	-785.9	153.3	129.4	0.0

	128	-2903.3	-198.4	173.2	116.0	359.3	0.0
3	129	362.3	-819.4	-22.3	405.6	-175.6	-199.2
	204	3397.5	137.5	-196.9	-103.2	598.1	0.0
	203	347.0	-6.9	-568.6	130.7	-4.0	0.0
	128	-1757.0	-157.9	110.8	85.7	301.4	0.0
4	129	66.1	-970.7	-68.6	206.3	-63.8	-114.5
	204	3596.7	85.9	-250.1	-64.4	539.3	0.0
	203	403.4	64.4	-370.5	61.0	119.2	0.0
	128	-1820.6	-205.0	82.6	47.8	211.3	0.0
5	129	587.9	-767.2	14.4	649.2	-314.3	-306.6
	204	3313.5	215.1	-174.0	-157.7	684.5	0.0
	203	349.2	-64.5	-835.6	216.1	-131.8	0.0
	128	-1780.0	-68.1	156.5	137.0	394.0	0.0
6	129	485.0	-873.7	-0.5	658.8	-321.3	-314.0
	204	3440.8	230.0	-207.5	-165.6	699.8	0.0
	203	407.6	-42.6	-866.5	219.7	-118.3	0.0
	128	-1863.5	-38.2	167.4	143.1	383.4	0.0
7	129	19.3	-1174.5	-71.9	437.5	-199.1	-223.8
	204	3821.8	187.4	-308.7	-129.6	649.0	0.0
	203	541.4	66.1	-671.4	142.5	41.2	0.0
	128	-2035.0	-58.3	147.3	106.1	265.9	0.0
8	129	-276.9	-1325.8	-118.2	238.3	-87.3	-139.1
	204	4021.0	135.8	-361.9	-90.8	590.2	0.0
	203	597.8	137.4	-473.3	72.8	164.3	0.0
	128	-2098.6	-105.4	119.1	68.2	175.9	0.0
9	129	-399.6	-1271.5	-140.0	-14.9	58.4	-24.3
	204	3977.7	43.3	-351.2	-28.4	488.6	0.0
	203	537.2	173.1	-175.5	-16.2	278.6	0.0
	128	-1992.1	-225.1	62.5	10.8	93.9	0.0
10	129	-502.5	-1378.1	-154.9	-5.4	51.4	-31.6
	204	4105.0	58.2	-384.8	-36.3	503.8	0.0
	203	595.6	195.0	-206.3	-12.6	292.2	0.0
	128	-2075.5	-195.2	73.4	16.9	83.3	0.0
11	129	49.7	-1053.6	-70.9	324.9	-132.5	-167.3
	204	3755.9	137.9	-281.2	-97.9	605.0	0.0
	203	419.0	65.7	-525.7	102.5	90.0	0.0
	128	-1940.2	-132.7	115.7	77.6	240.1	0.0
12	129	47.1	-1060.7	-70.6	323.8	-132.1	-168.0
	204	3738.4	137.4	-280.5	-97.5	600.9	0.0
	203	439.1	65.5	-523.9	102.2	86.3	0.0
	128	-1935.5	-132.3	115.4	77.4	239.6	0.0
13	129	49.7	-1053.6	-70.9	324.9	-132.5	-167.3
	204	3755.9	137.9	-281.2	-97.9	605.0	0.0
	203	419.0	65.7	-525.7	102.5	90.0	0.0
	128	-1940.2	-132.7	115.7	77.6	240.1	0.0
14	129	45.3	-1065.5	-70.5	323.0	-131.8	-168.4
	204	3726.8	137.1	-280.1	-97.3	598.2	0.0
	203	452.4	65.4	-522.7	102.0	83.8	0.0
	128	-1932.4	-132.0	115.2	77.2	239.2	0.0
15	129	49.7	-1053.6	-70.9	324.9	-132.5	-167.3
	204	3755.9	137.9	-281.2	-97.9	605.0	0.0
	203	419.0	65.7	-525.7	102.5	90.0	0.0
	128	-1940.2	-132.7	115.7	77.6	240.1	0.0
16	129	43.6	-1070.2	-70.3	322.3	-131.6	-168.9
	204	3715.1	136.8	-279.6	-97.1	595.5	0.0
	203	465.7	65.3	-521.6	101.8	81.4	0.0
	128	-1929.3	-131.8	115.1	77.0	238.8	0.0
1	28	-901.8	520.5	-118.9	-219.4	116.6	414.2
	84	2275.5	-352.4	-73.3	23.2	-431.7	0.0
	49	1617.2	256.3	356.6	96.1	229.8	0.0
	9	-38.0	215.0	176.3	117.6	-611.0	0.0
2	28	-1040.2	600.6	-136.2	-251.4	133.7	478.2
	84	2629.4	-404.2	-83.8	26.5	-496.3	0.0
	49	1864.4	293.8	409.0	110.2	266.0	0.0
	9	-45.9	246.6	202.2	134.9	-703.7	0.0
3	28	-342.4	564.7	-166.8	-375.8	160.0	118.3
	84	1867.4	-394.7	-92.5	25.7	-122.4	0.0
	49	1025.5	349.7	496.4	81.2	-10.4	0.0
	9	-110.6	249.2	165.3	122.2	-273.4	0.0
4	28	-267.4	435.5	-50.2	-11.3	4.2	80.1
	84	1451.3	-61.9	-70.3	-8.2	-34.1	0.0
	49	1233.0	106.8	13.5	23.7	-61.8	0.0
	9	226.9	43.5	50.4	31.0	-164.2	0.0

5	28	-701.8	645.6	-290.0	-782.2	346.4	316.7
	84	2420.0	-810.8	-100.2	71.3	-401.5	0.0
	49	862.3	609.7	1071.2	162.6	199.3	0.0
	9	-567.2	501.1	317.7	237.5	-575.6	0.0
6	28	-934.8	585.8	-279.0	-766.1	350.3	448.6
	84	2477.4	-834.7	-84.7	76.6	-552.4	0.0
	49	929.9	589.6	1081.0	175.0	327.6	0.0
	9	-621.1	511.3	333.4	245.3	-725.3	0.0
7	28	-1119.1	365.3	-130.2	-321.9	173.1	557.8
	84	2058.9	-474.3	-40.7	43.2	-625.4	0.0
	49	1250.9	282.8	529.0	122.4	417.4	0.0
	9	-290.5	283.4	217.7	147.9	-772.6	0.0
8	28	-1044.1	236.1	-13.6	42.6	17.3	519.6
	84	1642.7	-141.4	-18.5	9.4	-537.1	0.0
	49	1458.4	39.9	46.0	65.0	365.9	0.0
	9	47.0	77.8	102.8	56.7	-663.3	0.0
9	28	-451.6	214.9	98.6	432.8	-173.0	189.4
	84	1032.8	298.6	-26.3	-41.5	-107.1	0.0
	49	1554.0	-200.0	-538.6	-28.9	27.9	0.0
	9	557.6	-184.4	-65.3	-66.3	-211.4	0.0
10	28	-684.7	155.1	109.6	449.0	-169.1	321.2
	84	1090.2	274.7	-10.8	-36.3	-258.0	0.0
	49	1621.6	-220.1	-528.8	-16.5	156.3	0.0
	9	503.6	-174.1	-49.6	-58.6	-361.2	0.0
11	28	-693.6	400.4	-91.2	-168.2	89.4	318.7
	84	1751.6	-270.3	-56.1	17.7	-331.5	0.0
	49	1243.5	196.5	273.5	73.7	177.0	0.0
	9	-29.9	164.9	135.2	90.2	-469.6	0.0
12	28	-693.5	400.4	-90.8	-167.6	89.1	318.8
	84	1752.9	-269.5	-55.9	17.7	-330.8	0.0
	49	1242.9	195.9	272.7	73.5	177.3	0.0
	9	-30.6	164.4	134.8	89.9	-469.1	0.0
13	28	-693.6	400.4	-91.2	-168.2	89.4	318.7
	84	1751.6	-270.3	-56.1	17.7	-331.5	0.0
	49	1243.5	196.5	273.5	73.7	177.0	0.0
	9	-29.9	164.9	135.2	90.2	-469.6	0.0
14	28	-693.4	400.4	-90.6	-167.2	88.9	318.9
	84	1753.8	-268.9	-55.7	17.6	-330.4	0.0
	49	1242.5	195.5	272.1	73.3	177.5	0.0
	9	-31.1	164.0	134.5	89.7	-468.8	0.0
15	28	-693.6	400.4	-91.2	-168.2	89.4	318.7
	84	1751.6	-270.3	-56.1	17.7	-331.5	0.0
	49	1243.5	196.5	273.5	73.7	177.0	0.0
	9	-29.9	164.9	135.2	90.2	-469.6	0.0
16	28	-693.3	400.4	-90.3	-166.8	88.7	318.9
	84	1754.7	-268.3	-55.6	17.6	-330.0	0.0
	49	1242.1	195.0	271.5	73.1	177.7	0.0
	9	-31.6	163.7	134.2	89.6	-468.5	0.0
1	84	-202.2	-1188.8	-692.7	-313.4	66.5	-65.4
	132	3280.7	151.1	-174.4	200.1	358.0	0.0
	131	1406.7	579.5	-341.7	69.6	-10.0	0.0
	49	-2218.9	-37.9	-266.5	70.1	234.0	0.0
2	84	-235.6	-1378.5	-794.7	-359.5	76.3	-76.9
	132	3771.0	173.2	-200.2	229.5	409.6	0.0
	131	1639.1	664.8	-391.7	79.9	-14.9	0.0
	49	-2555.1	-43.3	-305.6	80.4	268.6	0.0
3	84	358.9	-745.8	-882.4	-494.0	96.4	-162.2
	132	2761.2	221.0	-132.3	285.6	367.2	0.0
	131	910.1	705.0	-302.5	53.3	-115.4	0.0
	49	-1933.4	40.7	-395.0	49.1	267.1	0.0
4	84	284.3	-777.2	-75.8	45.6	-25.5	-146.2
	132	2504.7	70.5	-83.3	-18.8	339.4	0.0
	131	943.3	90.7	-165.5	10.7	-88.9	0.0
	49	-1664.3	-27.5	19.1	13.1	231.5	0.0
5	84	110.0	-822.2	-1857.1	-1133.5	249.2	-109.4
	132	2971.5	374.9	-207.1	653.8	342.2	0.0
	131	993.9	1451.8	-480.4	117.8	-83.2	0.0
	49	-2178.4	95.6	-888.5	106.7	258.8	0.0
6	84	-178.0	-919.0	-1885.9	-1142.1	258.3	-48.1
	132	2895.2	356.4	-222.1	665.1	292.9	0.0
	131	1099.0	1477.7	-495.8	130.4	-29.1	0.0
	49	-2119.3	74.5	-897.3	120.0	216.2	0.0
7	84	-601.1	-1068.7	-978.5	-522.6	126.7	42.0

	132	2506.9	159.1	-182.4	323.2	203.0	0.0
	131	1260.4	791.3	-353.9	95.5	65.0	0.0
	49	-1736.5	-29.8	-424.4	93.6	124.9	0.0
8	84	-675.7	-1100.0	-171.9	17.0	4.8	58.0
	132	2250.4	8.6	-133.4	18.8	175.1	0.0
	131	1293.7	177.0	-216.9	52.9	91.6	0.0
	49	-1467.4	-98.0	-10.2	57.6	89.4	0.0
9	84	-138.8	-926.8	831.6	665.1	-157.2	-56.1
	132	2116.4	-126.8	-43.6	-360.7	249.4	0.0
	131	1104.8	-595.7	-23.6	-24.3	5.2	0.0
	49	-1281.4	-131.7	492.1	-13.3	140.3	0.0
10	84	-426.8	-1023.7	802.8	656.5	-148.1	5.2
	132	2040.1	-145.4	-58.6	-349.4	200.1	0.0
	131	1209.9	-569.8	-39.0	-11.6	59.4	0.0
	49	-1222.3	-152.9	483.3	0.1	97.7	0.0
11	84	-156.3	-916.7	-531.4	-240.4	51.0	-50.8
	132	2518.9	115.9	-133.8	153.4	274.3	0.0
	131	1087.3	444.5	-262.0	53.4	-8.8	0.0
	49	-1705.2	-29.0	-204.4	53.8	179.5	0.0
12	84	-157.1	-919.0	-529.8	-239.7	50.8	-51.3
	132	2514.0	115.5	-133.5	153.0	273.1	0.0
	131	1092.8	443.2	-261.1	53.3	-10.0	0.0
	49	-1703.4	-28.9	-203.7	53.6	179.0	0.0
13	84	-156.3	-916.7	-531.4	-240.4	51.0	-50.8
	132	2518.9	115.9	-133.8	153.4	274.3	0.0
	131	1087.3	444.5	-262.0	53.4	-8.8	0.0
	49	-1705.2	-29.0	-204.4	53.8	179.5	0.0
14	84	-157.6	-920.6	-528.7	-239.2	50.7	-51.6
	132	2510.7	115.2	-133.2	152.7	272.3	0.0
	131	1096.4	442.3	-260.6	53.2	-10.8	0.0
	49	-1702.2	-28.8	-203.3	53.5	178.7	0.0
15	84	-156.3	-916.7	-531.4	-240.4	51.0	-50.8
	132	2518.9	115.9	-133.8	153.4	274.3	0.0
	131	1087.3	444.5	-262.0	53.4	-8.8	0.0
	49	-1705.2	-29.0	-204.4	53.8	179.5	0.0
16	84	-158.1	-922.1	-527.7	-238.7	50.6	-51.9
	132	2507.4	114.9	-133.0	152.4	271.6	0.0
	131	1100.0	441.4	-260.0	53.1	-11.5	0.0
	49	-1701.0	-28.7	-202.8	53.4	178.4	0.0
1	132	-70.4	-2376.2	-441.3	346.4	-29.6	-442.2
	207	1167.8	343.9	-700.3	-64.8	-211.8	0.0
	206	4700.3	181.6	-714.4	117.4	-877.0	0.0
	131	-1956.4	-84.2	122.5	50.0	156.2	0.0
2	132	-78.2	-2729.7	-506.2	397.5	-34.0	-506.8
	207	1395.9	394.4	-802.9	-74.3	-232.2	0.0
	206	5376.3	208.3	-819.7	134.6	-999.4	0.0
	131	-2270.7	-96.6	140.3	57.5	183.3	0.0
3	132	78.8	-1640.9	-478.9	354.0	48.9	-308.0
	207	1159.4	328.6	-603.2	-16.4	-130.9	0.0
	206	3399.7	172.9	-715.0	86.0	-639.1	0.0
	131	-1748.2	2.0	2.5	-7.5	162.8	0.0
4	132	-45.3	-1561.8	-163.4	114.2	-61.1	-266.5
	207	864.5	163.2	-403.9	-55.9	-191.0	0.0
	206	3288.9	83.5	-334.5	68.6	-591.8	0.0
	131	-1511.4	-72.6	120.0	44.1	109.8	0.0
5	132	176.7	-1881.3	-857.2	654.6	165.7	-390.4
	207	1465.8	532.6	-856.0	20.6	-51.6	0.0
	206	3678.1	284.1	-1172.3	114.8	-724.9	0.0
	131	-1948.6	69.0	-112.3	-53.8	216.1	0.0
6	132	136.4	-2008.3	-866.0	672.3	155.8	-419.6
	207	1433.5	542.0	-873.3	12.6	-43.8	0.0
	206	3806.0	290.1	-1183.8	122.0	-751.2	0.0
	131	-1883.5	51.7	-93.3	-41.9	208.7	0.0
7	132	-55.5	-2064.1	-508.1	413.2	16.0	-405.3
	207	1051.8	360.0	-660.8	-42.7	-104.7	0.0
	206	3825.8	192.9	-753.3	110.0	-726.6	0.0
	131	-1531.3	-55.5	65.9	32.3	138.1	0.0
8	132	-179.7	-1985.0	-192.6	173.3	-94.0	-363.8
	207	757.0	194.5	-461.4	-82.3	-164.8	0.0
	206	3715.0	103.6	-372.8	92.6	-679.2	0.0
	131	-1294.5	-130.2	183.3	83.9	85.1	0.0
9	132	-237.2	-1617.6	194.5	-144.9	-200.9	-252.2
	207	482.9	-18.8	-191.4	-111.3	-252.0	0.0

	206	3308.8	-13.6	96.0	56.6	-567.2	0.0
	131	-1159.2	-179.8	279.2	118.3	39.2	0.0
10	132	-277.5	-1744.5	185.8	-127.2	-210.8	-281.4
	207	450.6	-9.4	-208.7	-119.2	-244.1	0.0
	206	3436.6	-7.6	84.5	63.9	-593.4	0.0
	131	-1094.1	-197.1	298.2	130.2	31.8	0.0
11	132	-53.2	-1823.9	-338.5	265.7	-22.7	-339.1
	207	914.1	263.7	-537.0	-49.7	-159.0	0.0
	206	3600.3	139.3	-548.1	90.0	-670.6	0.0
	131	-1509.2	-64.6	93.9	38.4	121.1	0.0
12	132	-52.1	-1819.8	-337.4	265.0	-22.6	-337.9
	207	930.6	262.9	-535.3	-49.6	-154.8	0.0
	206	3584.2	138.9	-546.5	89.8	-666.3	0.0
	131	-1513.8	-64.4	93.5	38.3	122.2	0.0
13	132	-53.2	-1823.9	-338.5	265.7	-22.7	-339.1
	207	914.1	263.7	-537.0	-49.7	-159.0	0.0
	206	3600.3	139.3	-548.1	90.0	-670.6	0.0
	131	-1509.2	-64.6	93.9	38.4	121.1	0.0
14	132	-51.5	-1817.1	-336.8	264.5	-22.6	-337.1
	207	941.6	262.4	-534.1	-49.5	-152.0	0.0
	206	3573.5	138.6	-545.5	89.6	-663.4	0.0
	131	-1516.8	-64.3	93.3	38.3	122.9	0.0
15	132	-53.2	-1823.9	-338.5	265.7	-22.7	-339.1
	207	914.1	263.7	-537.0	-49.7	-159.0	0.0
	206	3600.3	139.3	-548.1	90.0	-670.6	0.0
	131	-1509.2	-64.6	93.9	38.4	121.1	0.0
16	132	-50.8	-1814.3	-336.1	263.9	-22.6	-336.3
	207	952.7	261.8	-532.9	-49.4	-149.3	0.0
	206	3562.7	138.4	-544.4	89.4	-660.6	0.0
	131	-1519.8	-64.1	93.0	38.2	123.6	0.0
1	9	-711.4	764.3	10.5	-230.6	27.5	385.1
	49	2307.7	20.0	-55.6	-111.1	-277.1	0.0
	83	1296.7	56.8	125.8	9.8	240.1	0.0
	27	6.6	-87.2	-31.6	50.9	-488.9	0.0
2	9	-821.9	876.1	11.9	-264.5	31.6	443.7
	49	2657.1	22.9	-63.9	-127.4	-320.4	0.0
	83	1504.8	65.2	144.4	11.3	275.6	0.0
	27	10.4	-99.9	-36.1	58.5	-564.0	0.0
3	9	-178.5	826.2	-26.5	-364.1	73.0	96.2
	49	1993.4	-3.9	-111.8	-97.0	-33.3	0.0
	83	698.3	127.8	229.9	42.5	19.1	0.0
	27	-124.7	-87.0	-82.7	48.7	-216.7	0.0
4	9	-221.6	605.6	3.8	-29.6	-9.8	118.2
	49	1619.9	74.1	-38.4	-29.0	42.9	0.0
	83	983.6	19.9	-65.2	13.4	-2.0	0.0
	27	183.8	-70.5	-15.7	1.7	-122.1	0.0
5	9	-372.1	989.0	-48.5	-739.4	162.0	202.3
	49	2402.2	-109.0	-174.5	-191.3	-275.5	0.0
	83	482.4	232.4	583.7	62.0	165.8	0.0
	27	-499.2	-97.5	-143.2	113.1	-471.7	0.0
6	9	-581.2	907.9	-37.0	-726.6	155.7	315.3
	49	2379.1	-121.0	-154.9	-204.2	-406.8	0.0
	83	582.6	214.0	591.7	49.8	270.4	0.0
	27	-511.8	-90.0	-128.0	121.3	-595.7	0.0
7	9	-875.4	556.0	11.9	-321.3	51.7	472.7
	49	1916.5	-43.9	-46.4	-139.9	-471.0	0.0
	83	1032.5	66.6	256.8	1.6	367.9	0.0
	27	-166.7	-61.9	-32.0	75.9	-629.8	0.0
8	9	-918.6	335.3	42.2	13.2	-31.1	494.7
	49	1543.1	34.1	27.0	-72.0	-394.7	0.0
	83	1317.8	-41.3	-38.3	-27.4	346.8	0.0
	27	141.8	-45.3	35.0	28.9	-535.1	0.0
9	9	-515.9	253.6	52.6	375.7	-113.8	275.7
	49	1157.4	151.2	70.1	35.2	-21.3	0.0
	83	1433.5	-127.5	-400.1	-34.7	95.4	0.0
	27	529.0	-42.4	80.2	-43.7	-156.2	0.0
10	9	-725.0	172.5	64.1	388.6	-120.1	388.6
	49	1134.3	139.2	89.7	22.3	-152.6	0.0
	83	1533.7	-145.8	-392.0	-46.9	200.0	0.0
	27	516.4	-34.8	95.4	-35.5	-280.1	0.0
11	9	-547.6	586.0	8.0	-176.9	21.1	296.0
	49	1773.3	15.3	-42.7	-85.2	-213.4	0.0
	83	1000.3	43.6	96.5	7.5	184.2	0.0

	27	6.0	-66.9	-24.2	39.1	-376.0	0.0
12	9	-547.9	584.1	7.9	-176.3	21.1	295.8
	49	1771.4	15.2	-42.6	-84.9	-213.6	0.0
	83	1003.2	43.5	96.2	7.5	183.7	0.0
	27	7.0	-66.6	-24.1	39.0	-376.0	0.0
13	9	-547.6	586.0	8.0	-176.9	21.1	296.0
	49	1773.3	15.3	-42.7	-85.2	-213.4	0.0
	83	1000.3	43.6	96.5	7.5	184.2	0.0
	27	6.0	-66.9	-24.2	39.1	-376.0	0.0
14	9	-548.2	582.8	7.9	-176.0	21.0	295.7
	49	1770.1	15.2	-42.5	-84.8	-213.8	0.0
	83	1005.1	43.4	96.1	7.5	183.4	0.0
	27	7.6	-66.4	-24.0	38.9	-376.0	0.0
15	9	-547.6	586.0	8.0	-176.9	21.1	296.0
	49	1773.3	15.3	-42.7	-85.2	-213.4	0.0
	83	1000.3	43.6	96.5	7.5	184.2	0.0
	27	6.0	-66.9	-24.2	39.1	-376.0	0.0
16	9	-548.4	581.4	7.8	-175.6	21.0	295.6
	49	1768.9	15.1	-42.4	-84.6	-214.0	0.0
	83	1007.1	43.3	95.9	7.5	183.1	0.0
	27	8.3	-66.3	-23.9	38.8	-375.9	0.0
1	49	-422.6	-1706.0	-238.4	-34.5	-55.1	-186.7
	131	1842.7	-85.6	-132.8	27.5	23.5	0.0
	130	2696.8	287.6	-155.7	157.8	-305.9	0.0
	83	-1553.8	36.4	20.0	112.8	69.8	0.0
2	49	-487.1	-1966.4	-273.4	-39.5	-63.2	-214.1
	131	2139.7	-98.1	-152.2	31.5	30.5	0.0
	130	3100.8	329.9	-178.8	181.0	-349.5	0.0
	83	-1797.5	41.6	22.8	129.4	82.0	0.0
3	49	145.6	-1055.5	-245.7	-60.9	-33.7	-223.1
	131	1713.2	-197.1	-7.1	76.1	120.7	0.0
	130	1766.9	322.0	-112.9	161.6	-307.5	0.0
	83	-1441.0	118.1	-30.2	108.4	145.8	0.0
4	49	30.3	-1176.9	-84.6	57.8	-6.8	-213.4
	131	1430.8	-14.2	-143.6	8.2	86.2	0.0
	130	1921.8	78.2	-92.1	34.5	-295.8	0.0
	83	-1189.9	15.4	103.5	19.1	111.3	0.0
5	49	-8.4	-1049.4	-445.0	-216.7	-80.3	-181.0
	131	1946.2	-382.2	134.2	140.5	104.1	0.0
	130	1737.8	619.5	-148.4	325.3	-271.8	0.0
	83	-1653.9	210.4	-201.4	228.0	135.0	0.0
6	49	-255.9	-1165.6	-454.6	-231.5	-93.3	-135.2
	131	1863.5	-357.9	118.9	127.7	55.4	0.0
	130	1867.9	630.7	-158.1	338.5	-229.5	0.0
	83	-1585.2	186.9	-214.3	241.3	91.2	0.0
7	49	-679.2	-1442.7	-277.9	-110.2	-77.1	-70.6
	131	1437.5	-116.0	-58.1	33.5	-41.7	0.0
	130	2200.3	359.4	-145.2	205.6	-166.4	0.0
	83	-1212.1	39.6	-73.4	152.6	-0.3	0.0
8	49	-794.6	-1564.1	-116.8	8.5	-50.3	-60.9
	131	1155.0	67.0	-194.6	-34.5	-76.2	0.0
	130	2355.2	115.6	-124.4	78.5	-154.7	0.0
	83	-961.0	-63.1	60.4	63.3	-34.8	0.0
9	49	-393.0	-1454.0	92.1	179.1	9.4	-148.7
	131	1004.8	227.7	-320.6	-86.1	-10.9	0.0
	130	2254.3	-193.1	-79.1	-98.4	-232.7	0.0
	83	-816.8	-131.9	244.5	-69.6	19.8	0.0
10	49	-640.5	-1570.2	82.4	164.3	-3.7	-103.0
	131	922.0	252.1	-335.9	-98.9	-59.6	0.0
	130	2384.3	-181.9	-88.8	-85.2	-190.3	0.0
	83	-748.2	-155.4	231.5	-56.4	-24.0	0.0
11	49	-324.9	-1311.6	-182.8	-26.4	-42.3	-143.2
	131	1421.8	-65.6	-101.8	21.1	19.2	0.0
	130	2070.9	220.6	-119.5	121.0	-234.2	0.0
	83	-1196.8	27.9	15.3	86.5	54.2	0.0
12	49	-324.7	-1310.9	-182.2	-26.3	-42.2	-142.7
	131	1426.4	-65.4	-101.5	21.0	20.3	0.0
	130	2067.2	219.9	-119.2	120.6	-233.0	0.0
	83	-1198.3	27.7	15.2	86.3	54.7	0.0
13	49	-324.9	-1311.6	-182.8	-26.4	-42.3	-143.2
	131	1421.8	-65.6	-101.8	21.1	19.2	0.0
	130	2070.9	220.6	-119.5	121.0	-234.2	0.0
	83	-1196.8	27.9	15.3	86.5	54.2	0.0

14	49	-324.6	-1310.5	-181.8	-26.3	-42.1	-142.4
	131	1429.5	-65.3	-101.2	20.9	21.1	0.0
	130	2064.8	219.5	-119.0	120.4	-232.2	0.0
	83	-1199.4	27.7	15.2	86.1	55.0	0.0
15	49	-324.9	-1311.6	-182.8	-26.4	-42.3	-143.2
	131	1421.8	-65.6	-101.8	21.1	19.2	0.0
	130	2070.9	220.6	-119.5	121.0	-234.2	0.0
	83	-1196.8	27.9	15.3	86.5	54.2	0.0
16	49	-324.5	-1310.0	-181.5	-26.2	-42.0	-142.1
	131	1432.6	-65.1	-101.0	20.9	21.9	0.0
	130	2062.3	219.0	-118.7	120.2	-231.5	0.0
	83	-1200.5	27.6	15.1	85.9	55.3	0.0
1	131	245.0	-1293.1	-409.8	352.1	-147.2	-169.6
	206	5326.2	311.7	-505.5	-105.1	862.9	0.0
	205	521.2	273.9	-905.7	167.7	182.6	0.0
	130	-3018.8	-175.7	5.1	158.2	430.5	0.0
2	131	276.8	-1508.2	-470.1	403.6	-168.9	-198.8
	206	6096.3	357.7	-580.1	-120.6	983.3	0.0
	205	652.5	314.0	-1038.5	192.4	198.8	0.0
	130	-3468.7	-201.6	6.0	181.5	493.4	0.0
3	131	389.2	-876.3	-482.2	305.1	-121.7	-149.1
	206	3923.4	315.0	-441.6	-58.1	634.4	0.0
	205	448.6	289.2	-875.6	168.1	63.9	0.0
	130	-2521.3	-84.0	-110.4	134.1	376.0	0.0
4	131	208.3	-815.1	-123.9	184.9	-66.4	-87.8
	206	3795.3	133.2	-264.0	-72.2	583.5	0.0
	205	299.6	97.6	-440.2	63.4	154.1	0.0
	130	-2342.5	-130.8	62.9	62.8	316.7	0.0
5	131	517.9	-1066.0	-906.4	461.1	-198.8	-231.7
	206	4196.4	536.4	-671.4	-52.1	721.5	0.0
	205	685.4	523.1	-1405.1	298.6	-29.6	0.0
	130	-2640.6	-47.7	-293.1	232.7	431.8	0.0
6	131	447.4	-1167.4	-911.7	474.6	-209.6	-241.2
	206	4302.4	544.4	-690.7	-61.0	745.2	0.0
	205	739.4	531.9	-1423.6	305.7	-19.6	0.0
	130	-2564.0	-63.4	-276.4	245.9	420.2	0.0
7	131	154.0	-1214.2	-499.8	350.3	-157.8	-180.7
	206	4276.8	341.5	-506.0	-87.8	713.6	0.0
	205	628.6	318.7	-937.1	191.8	97.4	0.0
	130	-2266.0	-136.5	-54.7	178.1	337.4	0.0
8	131	-26.9	-1153.0	-141.4	230.1	-102.5	-119.4
	206	4148.7	159.7	-328.3	-101.9	662.7	0.0
	205	479.6	127.1	-501.7	87.1	187.6	0.0
	130	-2087.2	-183.3	118.6	106.7	278.1	0.0
9	131	-85.1	-861.9	288.0	60.6	-14.6	-27.4
	206	3769.6	-69.7	-79.2	-99.1	551.9	0.0
	205	188.8	-115.5	46.3	-50.5	271.1	0.0
	130	-2044.4	-203.9	284.6	-5.1	234.0	0.0
10	131	-155.7	-963.2	282.7	74.1	-25.4	-36.9
	206	3875.7	-61.8	-98.5	-108.0	575.6	0.0
	205	242.8	-106.7	27.8	-43.4	281.1	0.0
	130	-1967.9	-219.6	301.3	8.1	222.4	0.0
11	131	186.6	-999.9	-314.3	270.0	-112.9	-131.5
	206	4081.1	239.1	-387.8	-80.6	659.8	0.0
	205	417.5	210.0	-694.6	128.6	136.6	0.0
	130	-2317.4	-134.8	4.0	121.3	330.1	0.0
12	131	184.5	-1005.4	-313.4	269.1	-112.6	-132.5
	206	4064.2	238.4	-386.7	-80.4	655.6	0.0
	205	435.0	209.3	-692.3	128.2	132.5	0.0
	130	-2312.5	-134.4	4.0	121.0	328.9	0.0
13	131	186.6	-999.9	-314.3	270.0	-112.9	-131.5
	206	4081.1	239.1	-387.8	-80.6	659.8	0.0
	205	417.5	210.0	-694.6	128.6	136.6	0.0
	130	-2317.4	-134.8	4.0	121.3	330.1	0.0
14	131	183.2	-1009.1	-312.8	268.5	-112.4	-133.2
	206	4052.9	238.0	-386.0	-80.2	652.7	0.0
	205	446.6	208.9	-690.9	128.0	129.8	0.0
	130	-2309.2	-134.1	4.0	120.8	328.2	0.0
15	131	186.6	-999.9	-314.3	270.0	-112.9	-131.5
	206	4081.1	239.1	-387.8	-80.6	659.8	0.0
	205	417.5	210.0	-694.6	128.6	136.6	0.0
	130	-2317.4	-134.8	4.0	121.3	330.1	0.0
16	131	181.8	-1012.8	-312.2	267.9	-112.2	-133.9

	206	4041.7	237.6	-385.3	-80.1	649.9	0.0
	205	458.3	208.4	-689.4	127.7	127.1	0.0
	130	-2305.9	-133.8	4.1	120.5	327.4	0.0
1	10	-818.2	686.6	616.5	1534.3	568.3	349.2
	50	3575.0	-2831.9	1847.5	1108.9	-460.1	0.0
	84	1013.7	790.3	933.4	-2.9	318.9	0.0
	28	-900.0	1425.2	789.0	-12.7	-731.6	0.0
2	10	-944.3	788.2	706.5	1759.1	651.8	402.1
	50	4118.8	-3247.6	2118.2	1271.9	-531.6	0.0
	84	1176.6	906.5	1070.5	-3.3	366.3	0.0
	28	-1035.2	1634.5	904.8	-14.6	-844.0	0.0
3	10	-359.2	449.6	1059.9	2355.3	752.6	121.8
	50	2690.5	-4202.2	2909.9	1465.0	-19.5	0.0
	84	825.2	954.8	1435.1	16.9	90.1	0.0
	28	-617.9	2108.9	1163.2	-34.3	-244.2	0.0
4	10	-235.3	472.5	32.2	203.1	40.1	92.3
	50	2196.6	-431.3	154.2	85.2	128.9	0.0
	84	914.9	97.0	76.1	0.9	37.0	0.0
	28	-217.8	218.9	139.2	8.4	-81.9	0.0
5	10	-736.5	466.4	2204.6	4787.1	1609.1	268.6
	50	3475.8	-8487.3	6035.5	3122.7	-479.4	0.0
	84	663.4	2008.5	2988.6	27.8	277.7	0.0
	28	-1273.9	4257.9	2322.0	-81.9	-713.4	0.0
6	10	-935.9	503.6	2157.9	4719.3	1630.7	365.0
	50	3655.0	-8389.4	5958.9	3163.7	-725.1	0.0
	84	614.3	2053.7	2961.2	21.1	385.5	0.0
	28	-1436.1	4210.0	2291.3	-79.9	-953.1	0.0
7	10	-1023.9	573.8	904.4	2129.5	824.5	442.9
	50	3288.1	-3875.9	2654.6	1601.9	-838.6	0.0
	84	661.8	1105.7	1343.7	-5.4	449.4	0.0
	28	-1158.6	1949.1	1060.9	-27.7	-1043.4	0.0
8	10	-900.0	596.7	-123.4	-22.6	112.0	413.4
	50	2794.2	-105.1	-101.0	222.1	-690.2	0.0
	84	751.5	247.9	-15.3	-21.3	396.4	0.0
	28	-758.6	59.1	37.0	15.1	-881.0	0.0
9	10	-323.3	542.7	-1221.3	-2386.7	-766.0	170.2
	50	1829.7	4082.1	-3150.1	-1476.6	15.4	0.0
	84	962.4	-851.1	-1541.3	-25.5	100.9	0.0
	28	59.6	-2042.0	-1091.2	60.6	-172.1	0.0
10	10	-522.7	579.9	-1268.0	-2454.4	-744.5	266.5
	50	2008.9	4180.0	-3226.6	-1435.6	-230.3	0.0
	84	913.4	-805.8	-1568.8	-32.2	208.7	0.0
	28	-102.6	-2089.9	-1121.9	62.6	-411.9	0.0
11	10	-629.4	526.8	472.7	1176.5	435.9	268.3
	50	2748.0	-2171.9	1416.8	850.5	-354.1	0.0
	84	782.0	606.2	715.9	-2.2	244.7	0.0
	28	-691.2	1093.0	605.1	-9.8	-562.7	0.0
12	10	-629.5	525.5	471.0	1172.7	434.5	268.0
	50	2745.9	-2165.0	1412.1	847.9	-354.4	0.0
	84	784.4	604.4	713.6	-2.2	244.2	0.0
	28	-690.1	1089.7	603.2	-9.7	-562.7	0.0
13	10	-629.4	526.8	472.7	1176.5	435.9	268.3
	50	2748.0	-2171.9	1416.8	850.5	-354.1	0.0
	84	782.0	606.2	715.9	-2.2	244.7	0.0
	28	-691.2	1093.0	605.1	-9.8	-562.7	0.0
14	10	-629.5	524.5	469.9	1170.2	433.6	267.9
	50	2744.5	-2160.5	1409.0	846.2	-354.6	0.0
	84	786.0	603.2	712.2	-2.2	243.8	0.0
	28	-689.4	1087.4	602.0	-9.7	-562.7	0.0
15	10	-629.4	526.8	472.7	1176.5	435.9	268.3
	50	2748.0	-2171.9	1416.8	850.5	-354.1	0.0
	84	782.0	606.2	715.9	-2.2	244.7	0.0
	28	-691.2	1093.0	605.1	-9.8	-562.7	0.0
16	10	-629.6	523.6	468.8	1167.6	432.8	267.7
	50	2743.1	-2155.9	1406.0	844.4	-354.8	0.0
	84	787.6	601.9	710.7	-2.2	243.4	0.0
	28	-688.6	1085.1	600.7	-9.7	-562.6	0.0
1	50	-172.8	-1259.9	-1356.7	-391.2	630.4	-183.9
	133	2268.7	296.3	-341.5	354.8	108.3	0.0
	132	2371.3	805.5	-373.2	-103.2	-309.6	0.0
	84	-2100.4	254.9	-546.7	-86.7	178.3	0.0
2	50	-198.5	-1450.4	-1555.9	-448.7	723.1	-210.9

	133	2630.5	339.7	-391.5	406.9	128.2	0.0
	132	2723.9	923.9	-428.0	-118.3	-353.9	0.0
	84	-2427.5	292.3	-627.1	-99.4	206.9	0.0
3	50	538.8	-769.5	-1635.0	-479.2	809.6	-284.0
	133	2010.1	405.5	-270.9	455.7	147.4	0.0
	132	1597.4	934.7	-461.5	-192.2	-361.0	0.0
	84	-1854.8	313.6	-799.3	-164.2	193.1	0.0
4	50	461.5	-727.8	-245.8	-42.6	63.0	-266.1
	133	1685.9	87.8	-179.4	36.1	102.4	0.0
	132	1544.9	161.8	-171.2	4.8	-343.8	0.0
	84	-1536.2	12.1	18.1	0.1	144.5	0.0
5	50	186.5	-969.6	-3319.9	-1014.2	1710.9	-210.3
	133	2327.4	761.2	-401.7	962.1	173.5	0.0
	132	1825.1	1881.5	-777.5	-411.3	-298.3	0.0
	84	-2174.1	687.1	-1770.7	-344.7	228.7	0.0
6	50	-192.7	-1099.4	-3374.8	-1036.3	1736.9	-129.2
	133	2275.2	748.3	-422.4	976.4	151.0	0.0
	132	1967.8	1920.3	-758.1	-402.2	-227.3	0.0
	84	-2129.1	705.7	-1785.9	-335.0	210.6	0.0
7	50	-725.2	-1202.2	-1818.0	-552.7	896.2	-13.6
	133	1836.0	362.6	-339.8	503.6	72.2	0.0
	132	2073.0	1063.9	-396.6	-161.7	-124.4	0.0
	84	-1704.9	375.6	-850.0	-132.0	132.7	0.0
8	50	-802.4	-1160.5	-428.7	-116.1	149.6	4.3
	133	1511.9	44.9	-248.3	84.0	27.2	0.0
	132	2020.5	291.0	-106.3	35.3	-107.1	0.0
	84	-1386.3	74.1	-32.6	32.4	84.1	0.0
9	50	-71.0	-830.6	1311.0	441.0	-777.7	-150.6
	133	1246.8	-298.0	-96.8	-436.7	23.6	0.0
	132	1650.1	-694.6	190.3	245.3	-240.8	0.0
	84	-1112.0	-317.9	954.0	203.2	66.7	0.0
10	50	-450.2	-960.4	1256.1	419.0	-751.8	-69.4
	133	1194.6	-310.8	-117.4	-422.4	1.1	0.0
	132	1792.8	-655.8	209.7	254.4	-169.8	0.0
	84	-1067.0	-299.4	938.8	212.8	48.6	0.0
11	50	-132.6	-968.0	-1040.5	-300.1	483.5	-141.0
	133	1749.3	227.2	-261.9	272.1	84.4	0.0
	132	1820.1	617.8	-286.2	-79.1	-237.1	0.0
	84	-1617.0	195.5	-419.4	-66.5	137.5	0.0
12	50	-132.3	-966.9	-1037.3	-299.2	482.0	-140.6
	133	1753.7	226.4	-261.0	271.3	85.5	0.0
	132	1815.9	616.0	-285.3	-78.9	-236.0	0.0
	84	-1618.3	194.9	-418.1	-66.3	137.9	0.0
13	50	-132.6	-968.0	-1040.5	-300.1	483.5	-141.0
	133	1749.3	227.2	-261.9	272.1	84.4	0.0
	132	1820.1	617.8	-286.2	-79.1	-237.1	0.0
	84	-1617.0	195.5	-419.4	-66.5	137.5	0.0
14	50	-132.1	-966.1	-1035.1	-298.5	481.1	-140.3
	133	1756.6	225.9	-260.5	270.7	86.2	0.0
	132	1813.1	614.7	-284.8	-78.7	-235.2	0.0
	84	-1619.2	194.5	-417.2	-66.1	138.2	0.0
15	50	-132.6	-968.0	-1040.5	-300.1	483.5	-141.0
	133	1749.3	227.2	-261.9	272.1	84.4	0.0
	132	1820.1	617.8	-286.2	-79.1	-237.1	0.0
	84	-1617.0	195.5	-419.4	-66.5	137.5	0.0
16	50	-131.9	-965.4	-1033.0	-297.9	480.1	-140.0
	133	1759.5	225.4	-259.9	270.1	86.9	0.0
	132	1810.3	613.5	-284.2	-78.6	-234.4	0.0
	84	-1620.1	194.1	-416.4	-66.0	138.5	0.0
1	133	303.2	-979.9	65.3	368.4	-165.0	-121.2
	208	5491.5	317.6	-540.0	-119.6	798.4	0.0
	207	299.8	132.4	-839.7	64.8	214.2	0.0
	132	-3275.7	-515.3	201.1	-67.3	393.9	0.0
2	133	344.2	-1146.4	74.7	422.4	-189.3	-143.1
	208	6287.0	364.7	-619.6	-137.2	908.8	0.0
	207	396.5	151.7	-962.9	74.3	235.0	0.0
	132	-3765.1	-591.0	230.8	-77.2	451.1	0.0
3	133	301.6	-716.7	217.3	303.7	-166.6	-79.0
	208	4077.3	323.9	-546.7	-88.0	536.0	0.0
	207	328.4	71.2	-778.3	29.1	135.6	0.0
	132	-2736.7	-652.0	233.1	-179.3	292.6	0.0
4	133	218.7	-594.7	-61.5	186.7	-63.5	-46.8
	208	3910.0	134.7	-307.8	-73.9	579.4	0.0

	207	127.2	96.3	-448.7	49.3	183.0	0.0
	132	-2516.9	-177.7	133.0	38.1	260.9	0.0
5	133	374.7	-941.4	522.7	464.5	-294.3	-140.6
	208	4391.2	553.7	-814.1	-111.4	514.2	0.0
	207	608.9	53.5	-1180.3	12.5	73.5	0.0
	132	-2905.6	-1189.3	329.0	-419.2	344.9	0.0
6	133	354.4	-1011.9	505.6	485.4	-300.6	-161.2
	208	4492.9	561.3	-804.3	-117.5	538.9	0.0
	207	648.1	63.6	-1195.3	18.6	67.8	0.0
	132	-2830.6	-1175.5	311.0	-407.6	358.1	0.0
7	133	233.8	-951.8	160.3	373.4	-187.7	-147.6
	208	4416.4	349.4	-514.3	-108.2	618.3	0.0
	207	459.0	104.6	-828.4	49.2	116.4	0.0
	132	-2486.7	-606.1	173.1	-140.5	336.7	0.0
8	133	150.9	-829.7	-118.5	256.4	-84.6	-115.4
	208	4249.1	160.1	-275.4	-94.1	661.7	0.0
	207	257.8	129.7	-498.8	69.4	163.8	0.0
	132	-2266.9	-131.8	73.0	76.9	305.0	0.0
9	133	98.1	-534.6	-406.7	74.6	49.5	-33.3
	208	3833.5	-77.3	-17.8	-64.6	658.8	0.0
	207	-61.9	137.3	-81.8	79.9	231.7	0.0
	132	-2173.0	391.7	-4.8	305.2	239.5	0.0
10	133	77.8	-605.1	-423.8	95.5	43.1	-53.8
	208	3935.2	-69.6	-8.0	-70.7	683.5	0.0
	207	-22.7	147.3	-96.8	86.0	225.9	0.0
	132	-2098.0	405.5	-22.8	316.9	252.7	0.0
11	133	231.4	-758.9	50.0	282.5	-126.6	-94.3
	208	4208.2	243.7	-414.2	-91.8	610.1	0.0
	207	247.0	101.5	-644.0	49.7	160.8	0.0
	132	-2515.1	-395.2	154.3	-51.6	301.9	0.0
12	133	229.5	-764.3	49.8	281.6	-126.2	-95.4
	208	4191.3	243.1	-413.0	-91.5	605.9	0.0
	207	264.3	101.1	-642.0	49.5	156.6	0.0
	132	-2510.1	-394.0	153.8	-51.5	300.7	0.0
13	133	231.4	-758.9	50.0	282.5	-126.6	-94.3
	208	4208.2	243.7	-414.2	-91.8	610.1	0.0
	207	247.0	101.5	-644.0	49.7	160.8	0.0
	132	-2515.1	-395.2	154.3	-51.6	301.9	0.0
14	133	228.2	-767.9	49.6	281.0	-126.0	-96.1
	208	4180.1	242.7	-412.2	-91.3	603.1	0.0
	207	275.8	100.8	-640.6	49.4	153.9	0.0
	132	-2506.8	-393.2	153.5	-51.4	300.0	0.0
15	133	231.4	-758.9	50.0	282.5	-126.6	-94.3
	208	4208.2	243.7	-414.2	-91.8	610.1	0.0
	207	247.0	101.5	-644.0	49.7	160.8	0.0
	132	-2515.1	-395.2	154.3	-51.6	301.9	0.0
16	133	226.9	-771.4	49.5	280.3	-125.7	-96.8
	208	4168.8	242.3	-411.4	-91.1	600.3	0.0
	207	287.4	100.6	-639.2	49.3	151.1	0.0
	132	-2503.5	-392.3	153.2	-51.2	299.2	0.0
1	29	-1649.8	-900.0	-1425.2	-789.0	-12.7	731.6
	93	1013.7	-790.3	-933.4	-2.9	-318.9	0.0
	59	3575.0	2831.9	-1847.5	1108.9	460.1	0.0
	11	686.6	-616.5	-1534.3	568.3	-349.2	0.0
2	29	-1902.0	-1035.2	-1634.5	-904.8	-14.6	844.0
	93	1176.6	-906.5	-1070.5	-3.3	-366.3	0.0
	59	4118.8	3247.6	-2118.2	1271.9	531.6	0.0
	11	788.2	-706.5	-1759.1	651.8	-402.1	0.0
3	29	-1704.5	-758.6	-59.1	-37.0	15.1	881.0
	93	751.5	-247.8	15.3	-21.3	-396.4	0.0
	59	2794.2	105.1	101.0	222.1	690.2	0.0
	11	596.7	123.4	22.6	112.0	-413.4	0.0
4	29	-2064.7	-1158.6	-1949.1	-1060.9	-27.7	1043.4
	93	661.8	-1105.7	-1343.7	-5.4	-449.4	0.0
	59	3288.1	3876.0	-2654.6	1601.9	838.6	0.0
	11	573.8	-904.4	-2129.5	824.5	-442.9	0.0
5	29	-852.0	-102.6	2089.9	1121.9	62.6	411.9
	93	913.4	805.8	1568.8	-32.2	-208.7	0.0
	59	2008.9	-4180.0	3226.6	-1435.6	230.3	0.0
	11	579.9	1268.0	2454.4	-744.5	-266.5	0.0
6	29	-481.5	59.6	2042.0	1091.2	60.6	172.1
	93	962.4	851.1	1541.3	-25.5	-100.9	0.0
	59	1829.7	-4082.1	3150.1	-1476.6	-15.4	0.0

	11	542.7	1221.3	2386.7	-766.0	-170.2	0.0
7	29	-469.5	-217.9	-218.9	-139.2	8.4	81.9
	93	914.9	-97.0	-76.1	0.9	-37.0	0.0
	59	2196.6	431.3	-154.2	85.2	-128.9	0.0
	11	472.5	-32.2	-203.1	40.1	-92.3	0.0
8	29	-829.6	-617.9	-2108.9	-1163.2	-34.3	244.2
	93	825.2	-954.8	-1435.1	16.9	-90.1	0.0
	59	2690.5	4202.2	-2909.9	1465.0	19.5	0.0
	11	449.6	-1059.9	-2355.3	752.6	-121.8	0.0
9	29	-2052.6	-1436.1	-4210.0	-2291.3	-79.9	953.1
	93	614.3	-2053.7	-2961.2	21.1	-385.5	0.0
	59	3655.0	8389.4	-5958.9	3163.7	725.1	0.0
	11	503.6	-2157.9	-4719.3	1630.7	-365.0	0.0
10	29	-1682.1	-1273.9	-4257.9	-2322.0	-81.9	713.4
	93	663.4	-2008.5	-2988.6	27.8	-277.7	0.0
	59	3475.8	8487.3	-6035.5	3122.7	479.4	0.0
	11	466.4	-2204.6	-4787.1	1609.1	-268.6	0.0
11	29	-1268.6	-691.2	-1093.1	-605.1	-9.8	562.7
	93	782.0	-606.2	-715.9	-2.2	-244.7	0.0
	59	2748.0	2171.9	-1416.8	850.5	354.1	0.0
	11	526.8	-472.7	-1176.5	435.9	-268.3	0.0
12	29	-1268.0	-690.1	-1089.7	-603.2	-9.7	562.7
	93	784.4	-604.4	-713.6	-2.2	-244.2	0.0
	59	2745.9	2165.0	-1412.1	847.9	354.4	0.0
	11	525.5	-471.0	-1172.7	434.5	-268.0	0.0
13	29	-1268.6	-691.2	-1093.1	-605.1	-9.8	562.7
	93	782.0	-606.2	-715.9	-2.2	-244.7	0.0
	59	2748.0	2171.9	-1416.8	850.5	354.1	0.0
	11	526.8	-472.7	-1176.5	435.9	-268.3	0.0
14	29	-1267.6	-689.4	-1087.4	-602.0	-9.7	562.7
	93	786.0	-603.2	-712.2	-2.2	-243.8	0.0
	59	2744.5	2160.5	-1409.0	846.2	354.6	0.0
	11	524.5	-469.9	-1170.2	433.6	-267.9	0.0
15	29	-1268.6	-691.2	-1093.1	-605.1	-9.8	562.7
	93	782.0	-606.2	-715.9	-2.2	-244.7	0.0
	59	2748.0	2171.9	-1416.8	850.5	354.1	0.0
	11	526.8	-472.7	-1176.5	435.9	-268.3	0.0
16	29	-1267.3	-688.6	-1085.1	-600.7	-9.7	562.6
	93	787.6	-601.9	-710.7	-2.2	-243.4	0.0
	59	2743.1	2155.9	-1406.0	844.4	354.8	0.0
	11	523.6	-468.8	-1167.6	432.8	-267.7	0.0
1	93	-495.2	-2100.4	-254.9	546.7	-86.7	-178.3
	151	2371.3	-805.5	373.2	-103.2	309.6	0.0
	150	2268.7	-296.3	341.5	354.8	-108.3	0.0
	59	-1259.9	1356.7	391.2	630.4	183.9	0.0
2	93	-572.6	-2427.5	-292.3	627.1	-99.4	-206.9
	151	2723.9	-923.9	428.0	-118.3	353.9	0.0
	150	2630.5	-339.7	391.5	406.9	-128.2	0.0
	59	-1450.4	1555.9	448.7	723.1	210.9	0.0
3	93	-723.7	-1386.3	-74.1	32.6	32.4	-84.1
	151	2020.5	-291.0	106.3	35.3	107.1	0.0
	150	1511.9	-44.9	248.3	84.0	-27.2	0.0
	59	-1160.5	428.7	116.1	149.6	-4.3	0.0
4	93	-774.9	-1704.9	-375.6	850.0	-132.0	-132.7
	151	2073.0	-1063.9	396.6	-161.7	124.4	0.0
	150	1836.0	-362.6	339.8	503.6	-72.2	0.0
	59	-1202.2	1818.0	552.7	896.2	13.6	0.0
5	93	-407.1	-1067.0	299.4	-938.8	212.8	-48.6
	151	1792.8	655.8	-209.7	254.4	169.8	0.0
	150	1194.6	310.8	117.4	-422.4	-1.1	0.0
	59	-960.4	-1256.1	-419.0	-751.8	69.4	0.0
6	93	-187.0	-1112.0	317.9	-954.0	203.2	-66.7
	151	1650.1	694.6	-190.3	245.3	240.8	0.0
	150	1246.8	298.0	96.8	-436.7	-23.6	0.0
	59	-830.6	-1311.0	-441.0	-777.7	150.6	0.0
7	93	10.2	-1536.2	-12.1	-18.1	0.1	-144.5
	151	1544.9	-161.8	171.2	4.8	343.8	0.0
	150	1685.9	-87.8	179.4	36.1	-102.4	0.0
	59	-727.8	245.8	42.6	63.0	266.1	0.0
8	93	-41.0	-1854.8	-313.6	799.3	-164.2	-193.1
	151	1597.4	-934.7	461.5	-192.2	361.0	0.0
	150	2010.1	-405.5	270.9	455.7	-147.4	0.0
	59	-769.5	1635.0	479.2	809.6	284.0	0.0

9	93	-577.8	-2129.1	-705.7	1785.9	-335.0	-210.6
	151	1967.8	-1920.3	758.1	-402.2	227.3	0.0
	150	2275.2	-748.3	422.4	976.4	-151.0	0.0
	59	-1099.4	3374.8	1036.3	1736.9	129.2	0.0
10	93	-357.6	-2174.1	-687.1	1770.7	-344.7	-228.7
	151	1825.1	-1881.5	777.5	-411.4	298.3	0.0
	150	2327.4	-761.2	401.7	962.1	-173.5	0.0
	59	-969.6	3319.9	1014.2	1710.9	210.3	0.0
11	93	-381.3	-1617.0	-195.5	419.4	-66.5	-137.5
	151	1820.1	-617.8	286.2	-79.1	237.1	0.0
	150	1749.3	-227.2	261.9	272.1	-84.4	0.0
	59	-968.0	1040.5	300.1	483.5	141.0	0.0
12	93	-381.7	-1618.3	-194.9	418.1	-66.3	-137.9
	151	1815.9	-616.0	285.3	-78.9	236.0	0.0
	150	1753.7	-226.4	261.0	271.3	-85.5	0.0
	59	-966.9	1037.3	299.2	482.0	140.6	0.0
13	93	-381.3	-1617.0	-195.5	419.4	-66.5	-137.5
	151	1820.1	-617.8	286.2	-79.1	237.1	0.0
	150	1749.3	-227.2	261.9	272.1	-84.4	0.0
	59	-968.0	1040.5	300.1	483.5	141.0	0.0
14	93	-382.0	-1619.2	-194.5	417.2	-66.1	-138.2
	151	1813.1	-614.7	284.8	-78.7	235.2	0.0
	150	1756.6	-225.9	260.5	270.7	-86.2	0.0
	59	-966.1	1035.1	298.5	481.1	140.3	0.0
15	93	-381.3	-1617.0	-195.5	419.4	-66.5	-137.5
	151	1820.1	-617.8	286.2	-79.1	237.1	0.0
	150	1749.3	-227.2	261.9	272.1	-84.4	0.0
	59	-968.0	1040.5	300.1	483.5	141.0	0.0
16	93	-382.2	-1620.1	-194.1	416.4	-66.0	-138.5
	151	1810.3	-613.5	284.2	-78.6	234.4	0.0
	150	1759.5	-225.4	259.9	270.1	-86.9	0.0
	59	-965.4	1033.0	297.9	480.1	140.0	0.0
1	151	-542.7	-3275.7	515.3	-201.1	-67.3	-393.9
	504	299.8	-132.5	839.7	64.8	-214.2	0.0
	503	5491.5	-317.6	540.0	-119.6	-798.4	0.0
	150	-979.9	-65.2	-368.4	-165.0	121.2	0.0
2	151	-622.0	-3765.1	591.0	-230.8	-77.2	-451.1
	504	396.5	-151.7	962.9	74.3	-235.0	0.0
	503	6287.0	-364.7	619.6	-137.2	-908.8	0.0
	150	-1146.4	-74.7	-422.4	-189.3	143.1	0.0
3	151	-341.7	-2266.9	131.8	-73.0	76.9	-305.0
	504	257.8	-129.7	498.8	69.4	-163.8	0.0
	503	4249.1	-160.1	275.4	-94.1	-661.7	0.0
	150	-829.7	118.5	-256.4	-84.6	115.4	0.0
4	151	-417.2	-2486.7	606.1	-173.1	-140.5	-336.7
	504	459.0	-104.6	828.4	49.2	-116.4	0.0
	503	4416.4	-349.4	514.3	-108.2	-618.3	0.0
	150	-951.8	-160.3	-373.4	-187.7	147.6	0.0
5	151	-276.6	-2098.0	-405.5	22.8	316.9	-252.7
	504	-22.7	-147.3	96.8	86.0	-225.9	0.0
	503	3935.2	69.6	8.0	-70.7	-683.5	0.0
	150	-605.1	423.8	-95.5	43.1	53.8	0.0
6	151	-296.3	-2173.0	-391.7	4.8	305.2	-239.5
	504	-61.9	-137.3	81.8	79.9	-231.7	0.0
	503	3833.5	77.3	17.8	-64.6	-658.8	0.0
	150	-534.6	406.7	-74.6	49.5	33.3	0.0
7	151	-407.3	-2516.9	177.7	-133.0	38.1	-260.9
	504	127.2	-96.3	448.7	49.3	-183.0	0.0
	503	3910.0	-134.7	307.8	-73.9	-579.4	0.0
	150	-594.7	61.5	-186.7	-63.5	46.8	0.0
8	151	-482.8	-2736.7	652.0	-233.1	-179.3	-292.6
	504	328.4	-71.2	778.3	29.1	-135.6	0.0
	503	4077.3	-323.9	546.7	-88.0	-536.0	0.0
	150	-716.7	-217.3	-303.7	-166.6	79.0	0.0
9	151	-528.2	-2830.6	1175.5	-311.0	-407.6	-358.1
	504	648.1	-63.6	1195.3	18.6	-67.8	0.0
	503	4492.9	-561.3	804.3	-117.5	-538.9	0.0
	150	-1011.9	-505.6	-485.4	-300.6	161.2	0.0
10	151	-547.9	-2905.6	1189.3	-329.0	-419.2	-344.9
	504	608.9	-53.5	1180.3	12.5	-73.5	0.0
	503	4391.2	-553.7	814.1	-111.4	-514.2	0.0
	150	-941.4	-522.7	-464.5	-294.3	140.6	0.0
11	151	-416.1	-2515.1	395.2	-154.3	-51.6	-301.9

	504	247.0	-101.5	644.0	49.7	-160.8	0.0
	503	4208.2	-243.7	414.2	-91.8	-610.1	0.0
	150	-758.9	-50.0	-282.5	-126.6	94.3	0.0
12	151	-414.7	-2510.1	394.0	-153.8	-51.5	-300.7
	504	264.3	-101.1	642.0	49.5	-156.7	0.0
	503	4191.3	-243.1	413.0	-91.5	-605.9	0.0
	150	-764.3	-49.8	-281.6	-126.2	95.4	0.0
13	151	-416.1	-2515.1	395.2	-154.3	-51.6	-301.9
	504	247.0	-101.5	644.0	49.7	-160.8	0.0
	503	4208.2	-243.7	414.2	-91.8	-610.1	0.0
	150	-758.9	-50.0	-282.5	-126.6	94.3	0.0
14	151	-413.7	-2506.8	393.2	-153.5	-51.4	-300.0
	504	275.8	-100.8	640.6	49.4	-153.9	0.0
	503	4180.1	-242.7	412.2	-91.3	-603.1	0.0
	150	-767.9	-49.6	-281.0	-126.0	96.1	0.0
15	151	-416.1	-2515.1	395.2	-154.3	-51.6	-301.9
	504	247.0	-101.5	644.0	49.7	-160.8	0.0
	503	4208.2	-243.7	414.2	-91.8	-610.1	0.0
	150	-758.9	-50.0	-282.5	-126.6	94.3	0.0
16	151	-412.7	-2503.5	392.3	-153.2	-51.2	-299.2
	504	287.4	-100.6	639.2	49.3	-151.1	0.0
	503	4168.8	-242.3	411.4	-91.1	-600.3	0.0
	150	-771.4	-49.5	-280.3	-125.7	96.8	0.0
1	30	-1033.0	6.6	87.2	31.6	50.9	488.9
	94	1296.7	-56.8	-125.8	9.8	-240.1	0.0
	60	2307.7	-20.0	55.6	-111.1	277.1	0.0
	12	764.3	-10.5	230.6	27.5	-385.1	0.0
2	30	-1190.6	10.4	99.9	36.1	58.5	564.0
	94	1504.8	-65.2	-144.4	11.3	-275.6	0.0
	60	2657.1	-22.9	63.9	-127.4	320.4	0.0
	12	876.1	-11.9	264.5	31.6	-443.7	0.0
3	30	-1025.0	141.8	45.3	-35.0	28.9	535.1
	94	1317.8	41.3	38.3	-27.4	-346.8	0.0
	60	1543.1	-34.1	-27.0	-72.0	394.7	0.0
	12	335.3	-42.2	-13.2	-31.1	-494.7	0.0
4	30	-1245.6	-166.7	61.9	32.0	75.9	629.8
	94	1032.5	-66.6	-256.8	1.6	-367.9	0.0
	60	1916.5	43.9	46.4	-139.9	471.0	0.0
	12	556.0	-11.9	321.3	51.7	-472.7	0.0
5	30	-528.1	516.4	34.8	-95.4	-35.5	280.1
	94	1533.7	145.8	392.0	-46.9	-200.0	0.0
	60	1134.3	-139.2	-89.7	22.3	152.6	0.0
	12	172.5	-64.1	-388.6	-120.1	-388.6	0.0
6	30	-322.8	529.0	42.4	-80.2	-43.7	156.2
	94	1433.5	127.5	400.1	-34.7	-95.4	0.0
	60	1157.4	-151.2	-70.1	35.2	21.3	0.0
	12	253.6	-52.6	-375.7	-113.8	-275.7	0.0
7	30	-340.5	183.8	70.5	15.7	1.7	122.1
	94	983.6	-19.9	65.2	13.4	2.0	0.0
	60	1619.9	-74.1	38.4	-29.0	-42.9	0.0
	12	605.6	-3.8	29.6	-9.8	-118.2	0.0
8	30	-561.0	-124.7	87.0	82.7	48.7	216.7
	94	698.3	-127.8	-229.9	42.5	-19.1	0.0
	60	1993.4	3.9	111.8	-97.0	33.3	0.0
	12	826.2	26.5	364.1	73.0	-96.2	0.0
9	30	-1263.3	-511.8	90.0	128.0	121.3	595.7
	94	582.6	-214.0	-591.7	49.8	-270.4	0.0
	60	2379.1	121.0	154.9	-204.2	406.8	0.0
	12	907.9	37.0	726.6	155.7	-315.3	0.0
10	30	-1057.9	-499.2	97.5	143.2	113.1	471.7
	94	482.4	-232.4	-583.7	62.0	-165.8	0.0
	60	2402.2	109.0	174.5	-191.3	275.5	0.0
	12	989.0	48.5	739.4	162.0	-202.3	0.0
11	30	-794.2	6.0	66.9	24.2	39.1	376.0
	94	1000.3	-43.6	-96.5	7.5	-184.2	0.0
	60	1773.3	-15.3	42.7	-85.2	213.4	0.0
	12	586.0	-8.0	176.9	21.1	-296.0	0.0
12	30	-793.8	7.0	66.6	24.1	39.0	376.0
	94	1003.2	-43.5	-96.2	7.5	-183.7	0.0
	60	1771.4	-15.2	42.6	-84.9	213.6	0.0
	12	584.1	-7.9	176.3	21.1	-295.8	0.0
13	30	-794.2	6.0	66.9	24.2	39.1	376.0
	94	1000.3	-43.6	-96.5	7.5	-184.2	0.0

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Lavori di sistemazione Strada Provinciale "S.S. 650 Fondo Valle Trigno - Schiavi di Abruzzo" III° Lotto Funzionale

RELAZIONE DI CALCOLO PONTE

	60	1773.3	-15.3	42.7	-85.2	213.4	0.0
	12	586.0	-8.0	176.9	21.1	-296.0	0.0
14	30	-793.5	7.6	66.4	24.0	38.9	376.0
	94	1005.1	-43.4	-96.1	7.5	-183.4	0.0
	60	1770.1	-15.2	42.5	-84.8	213.8	0.0
	12	582.8	-7.9	176.0	21.0	-295.7	0.0
15	30	-794.2	6.0	66.9	24.2	39.1	376.0
	94	1000.3	-43.6	-96.5	7.5	-184.2	0.0
	60	1773.3	-15.3	42.7	-85.2	213.4	0.0
	12	586.0	-8.0	176.9	21.1	-296.0	0.0
16	30	-793.2	8.3	66.3	23.9	38.8	375.9
	94	1007.1	-43.3	-95.9	7.5	-183.1	0.0
	60	1768.9	-15.1	42.4	-84.6	214.0	0.0
	12	581.4	-7.8	175.6	21.0	-295.6	0.0
1	94	-437.2	-1553.8	-36.4	-20.0	112.8	-69.8
	153	2696.8	-287.6	155.7	157.8	305.9	0.0
	152	1842.7	85.6	132.8	27.5	-23.5	0.0
	60	-1706.0	238.4	34.5	-55.1	186.7	0.0
2	94	-505.4	-1797.5	-41.6	-22.8	129.4	-82.0
	153	3100.8	-329.9	178.8	181.0	349.5	0.0
	152	2139.7	98.1	152.2	31.5	-30.5	0.0
	60	-1966.4	273.4	39.5	-63.2	214.1	0.0
3	94	-576.6	-961.0	63.1	-60.4	63.3	34.8
	153	2355.2	-115.6	124.4	78.5	154.7	0.0
	152	1155.0	-67.0	194.6	-34.5	76.2	0.0
	60	-1564.1	116.8	-8.5	-50.3	60.9	0.0
4	94	-627.5	-1212.1	-39.6	73.4	152.6	0.3
	153	2200.3	-359.4	145.2	205.6	166.4	0.0
	152	1437.5	116.0	58.1	33.5	41.7	0.0
	60	-1442.7	277.9	110.2	-77.1	70.6	0.0
5	94	-332.0	-748.2	155.4	-231.5	-56.4	24.0
	153	2384.3	181.9	88.8	-85.2	190.3	0.0
	152	922.0	-252.0	335.9	-98.9	59.6	0.0
	60	-1570.2	-82.4	-164.3	-3.7	103.0	0.0
6	94	-173.2	-816.8	131.9	-244.5	-69.6	-19.8
	153	2254.3	193.1	79.1	-98.4	232.7	0.0
	152	1004.8	-227.7	320.6	-86.1	10.9	0.0
	60	-1454.0	-92.1	-179.1	9.4	148.7	0.0
7	94	-47.3	-1189.9	-15.4	-103.5	19.1	-111.3
	153	1921.8	-78.2	92.1	34.5	295.8	0.0
	152	1430.8	14.2	143.6	8.2	-86.2	0.0
	60	-1176.9	84.6	-57.8	-6.8	213.4	0.0
8	94	-98.2	-1441.0	-118.1	30.2	108.4	-145.8
	153	1766.9	-322.0	112.9	161.6	307.5	0.0
	152	1713.2	197.1	7.1	76.1	-120.7	0.0
	60	-1055.5	245.8	60.9	-33.7	223.1	0.0
9	94	-501.6	-1585.2	-186.9	214.3	241.3	-91.2
	153	1867.9	-630.7	158.1	338.5	229.5	0.0
	152	1863.5	357.8	-118.9	127.7	-55.4	0.0
	60	-1165.6	454.6	231.5	-93.3	135.2	0.0
10	94	-342.9	-1653.9	-210.4	201.4	228.0	-135.0
	153	1737.8	-619.5	148.4	325.3	271.8	0.0
	152	1946.2	382.2	-134.2	140.5	-104.1	0.0
	60	-1049.4	445.0	216.7	-80.3	181.0	0.0
11	94	-336.6	-1196.8	-27.9	-15.3	86.5	-54.2
	153	2070.9	-220.6	119.5	121.0	234.2	0.0
	152	1421.8	65.6	101.8	21.1	-19.2	0.0
	60	-1311.6	182.8	26.4	-42.3	143.2	0.0
12	94	-336.9	-1198.3	-27.7	-15.2	86.3	-54.7
	153	2067.2	-219.9	119.2	120.6	233.0	0.0
	152	1426.4	65.4	101.5	21.0	-20.3	0.0
	60	-1310.9	182.2	26.3	-42.2	142.7	0.0
13	94	-336.6	-1196.8	-27.9	-15.3	86.5	-54.2
	153	2070.9	-220.6	119.5	121.0	234.2	0.0
	152	1421.8	65.6	101.8	21.1	-19.2	0.0
	60	-1311.6	182.8	26.4	-42.3	143.2	0.0
14	94	-337.1	-1199.4	-27.7	-15.2	86.1	-55.0
	153	2064.8	-219.5	119.0	120.4	232.2	0.0
	152	1429.5	65.3	101.2	20.9	-21.1	0.0
	60	-1310.5	181.8	26.3	-42.1	142.4	0.0
15	94	-336.6	-1196.8	-27.9	-15.3	86.5	-54.2
	153	2070.9	-220.6	119.5	121.0	234.2	0.0
	152	1421.8	65.6	101.8	21.1	-19.2	0.0

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

	60	-1311.6	182.8	26.4	-42.3	143.2	0.0
16	94	-337.3	-1200.5	-27.6	-15.1	85.9	-55.3
	153	2062.3	-219.0	118.7	120.2	231.5	0.0
	152	1432.6	65.1	101.0	20.9	-21.9	0.0
	60	-1310.0	181.5	26.2	-42.0	142.1	0.0
1	153	-389.8	-3018.8	175.7	-5.1	158.2	-430.5
	506	521.2	-273.9	905.7	167.7	-182.6	0.0
	505	5326.2	-311.7	505.5	-105.1	-862.9	0.0
	152	-1293.1	409.8	-352.1	-147.2	169.6	0.0
2	153	-445.4	-3468.7	201.6	-6.0	181.5	-493.4
	506	652.5	-314.0	1038.5	192.4	-198.8	0.0
	505	6096.3	-357.7	580.1	-120.6	-983.3	0.0
	152	-1508.2	470.1	-403.6	-168.9	198.8	0.0
3	153	-416.3	-2087.2	183.3	-118.6	106.7	-278.1
	506	479.6	-127.1	501.7	87.1	-187.6	0.0
	505	4148.7	-159.7	328.3	-101.9	-662.7	0.0
	152	-1153.0	141.4	-230.1	-102.5	119.4	0.0
4	153	-282.2	-2266.0	136.5	54.7	178.1	-337.4
	506	628.6	-318.7	937.1	191.8	-97.4	0.0
	505	4276.8	-341.5	506.0	-87.8	-713.6	0.0
	152	-1214.2	499.8	-350.3	-157.8	180.7	0.0
5	153	-534.3	-1967.9	219.6	-301.3	8.1	-222.4
	506	242.8	106.7	-27.8	-43.4	-281.1	0.0
	505	3875.7	61.8	98.5	-108.0	-575.6	0.0
	152	-963.2	-282.7	-74.1	-25.4	36.9	0.0
6	153	-501.5	-2044.4	203.9	-284.6	-5.1	-234.0
	506	188.8	115.6	-46.3	-50.5	-271.1	0.0
	505	3769.6	69.7	79.2	-99.1	-551.9	0.0
	152	-861.9	-288.0	-60.6	-14.6	27.4	0.0
7	153	-306.6	-2342.5	130.8	-62.9	62.8	-316.7
	506	299.6	-97.6	440.2	63.4	-154.1	0.0
	505	3795.3	-133.2	264.0	-72.2	-583.5	0.0
	152	-815.1	123.9	-184.9	-66.4	87.8	0.0
8	153	-172.5	-2521.3	84.0	110.4	134.1	-376.0
	506	448.6	-289.2	875.6	168.1	-63.9	0.0
	505	3923.4	-315.0	441.6	-58.1	-634.4	0.0
	152	-876.3	482.2	-305.1	-121.7	149.1	0.0
9	153	-87.4	-2564.0	63.4	276.4	245.9	-420.2
	506	739.4	-531.9	1423.6	305.7	19.6	0.0
	505	4302.4	-544.4	690.7	-61.0	-745.2	0.0
	152	-1167.4	911.7	-474.6	-209.6	241.2	0.0
10	153	-54.5	-2640.6	47.7	293.1	232.7	-431.8
	506	685.4	-523.1	1405.1	298.6	29.6	0.0
	505	4196.4	-536.4	671.4	-52.1	-721.5	0.0
	152	-1066.0	906.4	-461.1	-198.8	231.7	0.0
11	153	-298.4	-2317.4	134.8	-4.0	121.3	-330.1
	506	417.5	-210.0	694.6	128.6	-136.6	0.0
	505	4081.1	-239.1	387.8	-80.6	-659.8	0.0
	152	-999.9	314.3	-270.0	-112.9	131.5	0.0
12	153	-296.9	-2312.5	134.4	-4.0	121.0	-328.9
	506	435.0	-209.3	692.3	128.2	-132.5	0.0
	505	4064.2	-238.4	386.7	-80.4	-655.6	0.0
	152	-1005.4	313.4	-269.1	-112.6	132.5	0.0
13	153	-298.4	-2317.4	134.8	-4.0	121.3	-330.1
	506	417.5	-210.0	694.6	128.6	-136.6	0.0
	505	4081.1	-239.1	387.8	-80.6	-659.8	0.0
	152	-999.9	314.3	-270.0	-112.9	131.5	0.0
14	153	-295.9	-2309.2	134.1	-4.0	120.8	-328.2
	506	446.6	-208.9	690.9	128.0	-129.8	0.0
	505	4052.9	-238.0	386.0	-80.2	-652.7	0.0
	152	-1009.1	312.8	-268.5	-112.4	133.2	0.0
15	153	-298.4	-2317.4	134.8	-4.0	121.3	-330.1
	506	417.5	-210.0	694.6	128.6	-136.6	0.0
	505	4081.1	-239.1	387.8	-80.6	-659.8	0.0
	152	-999.9	314.3	-270.0	-112.9	131.5	0.0
16	153	-294.9	-2305.9	133.8	-4.1	120.5	-327.4
	506	458.3	-208.4	689.4	127.7	-127.1	0.0
	505	4041.7	-237.6	385.3	-80.1	-649.9	0.0
	152	-1012.8	312.2	-267.9	-112.2	133.9	0.0
1	12	-1243.9	-38.0	-215.0	-176.3	117.6	611.0
	60	1617.2	-256.3	-356.6	96.1	-229.8	0.0
	93	2275.5	352.4	73.3	23.2	431.7	0.0

	29	520.5	118.9	219.4	116.6	-414.2	0.0
2	12	-1434.2	-45.9	-246.6	-202.2	134.9	703.7
	60	1864.4	-293.8	-409.0	110.2	-266.0	0.0
	93	2629.4	404.2	83.8	26.5	496.3	0.0
	29	600.6	136.2	251.4	133.7	-478.2	0.0
3	12	-1249.8	47.0	-77.8	-102.8	56.7	663.3
	60	1458.4	-39.9	-46.0	65.0	-365.9	0.0
	93	1642.7	141.4	18.5	9.4	537.1	0.0
	29	236.1	13.6	-42.6	17.3	-519.6	0.0
4	12	-1520.4	-290.4	-283.4	-217.7	147.9	772.6
	60	1250.9	-282.8	-529.0	122.4	-417.4	0.0
	93	2058.9	474.3	40.7	43.2	625.4	0.0
	29	365.3	130.2	321.9	173.1	-557.8	0.0
5	12	-633.4	503.6	174.1	49.6	-58.6	361.2
	60	1621.6	220.1	528.8	-16.5	-156.3	0.0
	93	1090.2	-274.7	10.8	-36.3	258.0	0.0
	29	155.1	-109.6	-449.0	-169.1	-321.2	0.0
6	12	-375.7	557.6	184.4	65.3	-66.3	211.4
	60	1554.0	200.0	538.6	-28.9	-27.9	0.0
	93	1032.8	-298.6	26.3	-41.5	107.1	0.0
	29	214.9	-98.6	-432.8	-173.0	-189.4	0.0
7	12	-390.8	226.9	-43.5	-50.4	31.0	164.2
	60	1233.0	-106.8	-13.5	23.7	61.8	0.0
	93	1451.3	61.9	70.3	-8.2	34.1	0.0
	29	435.5	50.2	11.3	4.2	-80.1	0.0
8	12	-661.4	-110.6	-249.2	-165.3	122.2	273.4
	60	1025.5	-349.7	-496.4	81.2	10.4	0.0
	93	1867.4	394.7	92.5	25.7	122.4	0.0
	29	564.7	166.8	375.8	160.0	-118.3	0.0
9	12	-1535.4	-621.1	-511.3	-333.4	245.3	725.3
	60	929.9	-589.6	-1081.0	175.0	-327.6	0.0
	93	2477.4	834.7	84.7	76.6	552.4	0.0
	29	585.8	279.0	766.1	350.3	-448.6	0.0
10	12	-1277.7	-567.2	-501.1	-317.7	237.5	575.6
	60	862.3	-609.7	-1071.2	162.6	-199.3	0.0
	93	2420.0	810.8	100.2	71.3	401.5	0.0
	29	645.6	290.0	782.2	346.4	-316.7	0.0
11	12	-956.5	-29.9	-164.9	-135.2	90.2	469.6
	60	1243.5	-196.5	-273.5	73.7	-177.0	0.0
	93	1751.6	270.3	56.1	17.7	331.5	0.0
	29	400.4	91.2	168.2	89.4	-318.7	0.0
12	12	-956.2	-30.6	-164.4	-134.8	89.9	469.1
	60	1242.9	-195.9	-272.7	73.5	-177.3	0.0
	93	1752.9	269.5	55.9	17.7	330.8	0.0
	29	400.4	90.8	167.6	89.1	-318.8	0.0
13	12	-956.5	-29.9	-164.9	-135.2	90.2	469.6
	60	1243.5	-196.5	-273.5	73.7	-177.0	0.0
	93	1751.6	270.3	56.1	17.7	331.5	0.0
	29	400.4	91.2	168.2	89.4	-318.7	0.0
14	12	-955.9	-31.1	-164.0	-134.5	89.7	468.8
	60	1242.5	-195.5	-272.1	73.3	-177.5	0.0
	93	1753.8	268.9	55.7	17.6	330.4	0.0
	29	400.4	90.6	167.2	88.9	-318.9	0.0
15	12	-956.5	-29.9	-164.9	-135.2	90.2	469.6
	60	1243.5	-196.5	-273.5	73.7	-177.0	0.0
	93	1751.6	270.3	56.1	17.7	331.5	0.0
	29	400.4	91.2	168.2	89.4	-318.7	0.0
16	12	-955.7	-31.6	-163.7	-134.2	89.6	468.5
	60	1242.1	-195.0	-271.5	73.1	-177.7	0.0
	93	1754.7	268.3	55.6	17.6	330.0	0.0
	29	400.4	90.3	166.8	88.7	-318.9	0.0
1	60	-583.9	-2218.9	37.9	266.5	70.1	-234.0
	152	1406.7	-579.5	341.7	69.6	10.0	0.0
	151	3280.7	-151.1	174.4	200.1	-358.0	0.0
	93	-1188.8	692.7	313.4	66.5	65.4	0.0
2	60	-671.9	-2555.1	43.3	305.6	80.4	-268.6
	152	1639.1	-664.8	391.7	79.9	14.9	0.0
	151	3771.0	-173.2	200.2	229.5	-409.6	0.0
	93	-1378.5	794.7	359.5	76.3	76.9	0.0
3	60	-752.6	-1467.4	98.0	10.2	57.6	-89.4
	152	1293.7	-177.0	216.9	52.9	-91.6	0.0
	151	2250.4	-8.6	133.4	18.8	-175.1	0.0
	93	-1100.0	171.9	-17.0	4.8	-58.0	0.0

4	60	-798.7	-1736.5	29.8	424.4	93.6	-124.9
	152	1260.4	-791.3	353.9	95.5	-65.0	0.0
	151	2506.9	-159.1	182.4	323.2	-203.0	0.0
	93	-1068.7	978.5	522.6	126.7	-42.0	0.0
5	60	-468.7	-1222.3	152.9	-483.3	0.1	-97.7
	152	1209.9	569.8	39.0	-11.6	-59.4	0.0
	151	2040.1	145.4	58.6	-349.4	-200.1	0.0
	93	-1023.7	-802.8	-656.5	-148.1	-5.2	0.0
6	60	-271.4	-1281.4	131.7	-492.1	-13.3	-140.3
	152	1104.8	595.7	23.6	-24.3	-5.2	0.0
	151	2116.4	126.8	43.6	-360.7	-249.4	0.0
	93	-926.8	-831.6	-665.1	-157.2	56.1	0.0
7	60	-95.0	-1664.3	27.5	-19.1	13.1	-231.5
	152	943.3	-90.7	165.5	10.7	88.9	0.0
	151	2504.7	-70.5	83.3	-18.8	-339.4	0.0
	93	-777.2	75.8	-45.6	-25.5	146.2	0.0
8	60	-141.1	-1933.4	-40.7	395.0	49.1	-267.1
	152	910.1	-705.0	302.5	53.3	115.4	0.0
	151	2761.2	-221.0	132.3	285.6	-367.2	0.0
	93	-745.8	882.4	494.0	96.4	162.2	0.0
9	60	-622.3	-2119.3	-74.5	897.3	120.0	-216.2
	152	1099.0	-1477.7	495.8	130.4	29.1	0.0
	151	2895.2	-356.4	222.1	665.1	-292.9	0.0
	93	-919.0	1885.9	1142.1	258.3	48.1	0.0
10	60	-425.0	-2178.4	-95.6	888.5	106.7	-258.8
	152	993.9	-1451.8	480.3	117.8	83.2	0.0
	151	2971.5	-374.9	207.1	653.8	-342.2	0.0
	93	-822.2	1857.1	1133.5	249.2	109.4	0.0
11	60	-448.5	-1705.2	29.0	204.4	53.8	-179.5
	152	1087.3	-444.5	262.0	53.4	8.8	0.0
	151	2518.9	-115.9	133.8	153.4	-274.3	0.0
	93	-916.7	531.4	240.4	51.0	50.8	0.0
12	60	-447.9	-1703.4	28.9	203.7	53.6	-179.0
	152	1092.8	-443.2	261.1	53.3	10.0	0.0
	151	2514.0	-115.5	133.5	153.0	-273.1	0.0
	93	-919.0	529.8	239.7	50.8	51.3	0.0
13	60	-448.5	-1705.2	29.0	204.4	53.8	-179.5
	152	1087.3	-444.5	262.0	53.4	8.8	0.0
	151	2518.9	-115.9	133.8	153.4	-274.3	0.0
	93	-916.7	531.4	240.4	51.0	50.8	0.0
14	60	-447.5	-1702.2	28.8	203.3	53.5	-178.7
	152	1096.4	-442.3	260.6	53.2	10.8	0.0
	151	2510.7	-115.2	133.2	152.7	-272.3	0.0
	93	-920.6	528.7	239.2	50.7	51.6	0.0
15	60	-448.5	-1705.2	29.0	204.4	53.8	-179.5
	152	1087.3	-444.5	262.0	53.4	8.8	0.0
	151	2518.9	-115.9	133.8	153.4	-274.3	0.0
	93	-916.7	531.4	240.4	51.0	50.8	0.0
16	60	-447.1	-1701.0	28.7	202.8	53.4	-178.4
	152	1100.0	-441.4	260.0	53.1	11.5	0.0
	151	2507.4	-114.9	133.0	152.4	-271.6	0.0
	93	-922.1	527.7	238.7	50.6	51.9	0.0
1	152	-10.9	-1956.4	84.2	-122.5	50.0	-156.2
	505	4700.3	-181.6	714.4	117.4	877.0	0.0
	504	1167.8	-343.8	700.3	-64.8	211.8	0.0
	151	-2376.2	441.3	-346.4	-29.6	442.2	0.0
2	152	-17.3	-2270.7	96.6	-140.3	57.5	-183.3
	505	5376.3	-208.4	819.7	134.6	999.4	0.0
	504	1395.9	-394.4	802.9	-74.3	232.2	0.0
	151	-2729.7	506.2	-397.5	-34.0	506.8	0.0
3	152	-71.0	-1294.5	130.2	-183.3	83.9	-85.1
	505	3715.0	-103.6	372.8	92.6	679.2	0.0
	504	757.0	-194.5	461.4	-82.3	164.8	0.0
	151	-1985.0	192.6	-173.3	-94.0	363.8	0.0
4	152	26.1	-1531.3	55.5	-65.9	32.3	-138.1
	505	3825.8	-192.9	753.3	110.0	726.6	0.0
	504	1051.8	-360.0	660.8	-42.7	104.7	0.0
	151	-2064.1	508.1	-413.2	16.0	405.3	0.0
5	152	-178.6	-1094.1	197.1	-298.2	130.2	-31.8
	505	3436.6	7.6	-84.5	63.9	593.4	0.0
	504	450.6	9.4	208.7	-119.2	244.1	0.0
	151	-1744.5	-185.8	127.2	-210.8	281.4	0.0
6	152	-173.6	-1159.2	179.8	-279.2	118.3	-39.2

	505	3308.8	13.6	-96.0	56.6	567.2	0.0
	504	482.9	18.8	191.4	-111.3	252.0	0.0
	151	-1617.6	-194.5	144.9	-200.9	252.2	0.0
7	152	-54.6	-1511.4	72.6	-120.0	44.1	-109.8
	505	3288.9	-83.5	334.5	68.6	591.8	0.0
	504	864.5	-163.2	403.9	-55.9	191.0	0.0
	151	-1561.8	163.4	-114.2	-61.1	266.5	0.0
8	152	42.5	-1748.2	-2.0	-2.5	-7.5	-162.8
	505	3399.7	-172.9	715.0	86.0	639.1	0.0
	504	1159.4	-328.6	603.2	-16.4	130.9	0.0
	151	-1640.9	478.9	-354.0	48.9	308.0	0.0
9	152	145.1	-1883.5	-51.7	93.3	-41.9	-208.7
	505	3806.0	-290.1	1183.8	122.0	751.2	0.0
	504	1433.5	-542.0	873.3	12.6	43.8	0.0
	151	-2008.3	866.0	-672.3	155.8	419.6	0.0
10	152	150.0	-1948.6	-69.0	112.3	-53.8	-216.1
	505	3678.1	-284.1	1172.3	114.8	724.9	0.0
	504	1465.8	-532.6	856.0	20.6	51.6	0.0
	151	-1881.4	857.2	-654.6	165.7	390.4	0.0
11	152	-9.9	-1509.2	64.6	-93.9	38.4	-121.1
	505	3600.3	-139.3	548.1	90.0	670.5	0.0
	504	914.1	-263.7	537.0	-49.7	159.0	0.0
	151	-1823.9	338.5	-265.7	-22.7	339.1	0.0
12	152	-11.5	-1513.8	64.4	-93.5	38.3	-122.2
	505	3584.2	-138.9	546.5	89.8	666.3	0.0
	504	930.6	-262.9	535.3	-49.6	154.8	0.0
	151	-1819.8	337.4	-265.0	-22.6	337.9	0.0
13	152	-9.9	-1509.2	64.6	-93.9	38.4	-121.1
	505	3600.3	-139.3	548.1	90.0	670.5	0.0
	504	914.1	-263.7	537.0	-49.7	159.0	0.0
	151	-1823.9	338.5	-265.7	-22.7	339.1	0.0
14	152	-12.6	-1516.8	64.3	-93.3	38.3	-122.9
	505	3573.5	-138.6	545.5	89.6	663.4	0.0
	504	941.6	-262.4	534.1	-49.5	152.0	0.0
	151	-1817.1	336.8	-264.5	-22.6	337.1	0.0
15	152	-9.9	-1509.2	64.6	-93.9	38.4	-121.1
	505	3600.3	-139.3	548.1	90.0	670.5	0.0
	504	914.1	-263.7	537.0	-49.7	159.0	0.0
	151	-1823.9	338.5	-265.7	-22.7	339.1	0.0
16	152	-13.7	-1519.8	64.1	-93.0	38.2	-123.6
	505	3562.7	-138.4	544.4	89.4	660.6	0.0
	504	952.7	-261.8	532.9	-49.4	149.3	0.0
	151	-1814.3	336.1	-263.9	-22.6	336.3	0.0
1	31	-471.0	324.8	180.5	174.6	-3.6	227.3
	95	1842.7	-95.4	5.4	-62.3	-36.9	0.0
	61	1832.9	-158.5	141.1	-40.3	56.6	0.0
	13	374.9	73.4	313.5	42.4	-224.3	0.0
2	31	-543.2	376.8	206.7	200.2	-4.1	262.6
	95	2134.4	-109.6	6.1	-71.2	-41.3	0.0
	61	2110.2	-181.5	162.0	-46.2	66.4	0.0
	13	426.9	84.4	359.6	48.7	-258.3	0.0
3	31	-434.3	394.5	65.2	8.2	7.3	241.8
	95	1960.0	38.8	49.8	-40.5	-94.0	0.0
	61	1136.4	-50.3	17.2	-27.3	147.8	0.0
	13	-127.2	-30.0	9.0	-12.5	-280.6	0.0
4	31	-536.8	190.1	175.2	225.3	23.9	284.4
	95	1629.2	-96.8	-93.2	-12.5	-79.6	0.0
	61	1406.8	-137.3	97.0	-67.1	171.2	0.0
	13	137.5	78.4	412.3	58.3	-243.4	0.0
5	31	-228.3	604.9	-51.4	-233.8	-24.8	130.6
	95	2089.1	166.3	234.7	-87.5	-68.8	0.0
	61	913.7	32.7	-40.7	30.7	40.2	0.0
	13	-242.6	-134.2	-442.0	-88.4	-261.0	0.0
6	31	-154.2	581.0	-41.3	-224.2	-35.7	77.9
	95	1868.9	139.9	250.1	-99.9	-32.8	0.0
	61	993.2	16.8	-10.5	40.7	-28.6	0.0
	13	-76.9	-115.0	-425.3	-82.8	-206.9	0.0
7	31	-187.3	314.7	98.8	40.2	-29.2	66.0
	95	1226.1	-49.0	101.2	-81.8	26.1	0.0
	61	1401.5	-103.2	117.9	5.9	-81.4	0.0
	13	425.3	33.8	64.7	6.3	-100.5	0.0
8	31	-289.8	110.3	208.8	257.3	-12.7	108.6
	95	895.3	-184.5	-41.8	-53.8	40.5	0.0

	61	1671.9	-190.2	197.8	-33.8	-58.0	0.0
	13	690.0	142.2	468.0	77.1	-63.2	0.0
9	31	-569.9	-76.2	315.3	489.7	30.4	272.5
	95	986.4	-285.7	-242.0	5.6	-20.8	0.0
	61	1815.0	-257.3	225.4	-101.8	118.3	0.0
	13	639.7	227.3	902.4	147.4	-136.9	0.0
10	31	-495.8	-100.1	325.3	499.3	19.4	219.8
	95	766.2	-312.0	-226.6	-6.8	15.3	0.0
	61	1894.6	-273.1	255.6	-91.9	49.6	0.0
	13	805.4	246.4	919.1	153.1	-82.8	0.0
11	31	-362.2	250.5	138.3	133.9	-2.8	175.0
	95	1420.1	-73.2	4.1	-47.7	-28.0	0.0
	61	1408.4	-121.5	108.3	-30.9	43.9	0.0
	13	286.6	56.4	240.5	32.6	-172.4	0.0
12	31	-362.2	251.2	137.8	133.5	-2.7	175.1
	95	1423.0	-73.1	4.1	-47.5	-27.5	0.0
	61	1406.8	-121.0	108.0	-30.8	44.2	0.0
	13	284.6	56.3	239.7	32.5	-172.2	0.0
13	31	-362.2	250.5	138.3	133.9	-2.8	175.0
	95	1420.1	-73.2	4.1	-47.7	-28.0	0.0
	61	1408.4	-121.5	108.3	-30.9	43.9	0.0
	13	286.6	56.4	240.5	32.6	-172.4	0.0
14	31	-362.1	251.7	137.5	133.2	-2.7	175.1
	95	1424.8	-73.0	4.1	-47.4	-27.2	0.0
	61	1405.7	-120.7	107.8	-30.7	44.5	0.0
	13	283.3	56.2	239.2	32.4	-172.1	0.0
15	31	-362.2	250.5	138.3	133.9	-2.8	175.0
	95	1420.1	-73.2	4.1	-47.7	-28.0	0.0
	61	1408.4	-121.5	108.3	-30.9	43.9	0.0
	13	286.6	56.4	240.5	32.6	-172.4	0.0
16	31	-362.1	252.2	137.1	132.9	-2.7	175.2
	95	1426.7	-72.9	4.0	-47.2	-26.9	0.0
	61	1404.7	-120.4	107.6	-30.6	44.8	0.0
	13	282.1	56.1	238.8	32.3	-172.0	0.0
1	95	-359.2	-1160.6	94.1	-108.2	58.8	-3.4
	155	3048.2	-151.9	273.8	89.6	293.9	0.0
	154	1412.1	-130.1	292.0	-37.3	30.7	0.0
	61	-2020.1	188.0	-34.5	-67.7	162.8	0.0
2	95	-415.2	-1345.6	108.1	-123.9	67.4	-5.9
	155	3506.3	-173.9	314.2	102.7	335.4	0.0
	154	1645.0	-149.5	334.6	-43.0	31.5	0.0
	61	-2329.1	215.4	-39.7	-77.7	186.5	0.0
3	95	-455.9	-729.3	80.2	-14.2	30.3	77.4
	155	2848.5	-83.5	165.4	47.9	166.4	0.0
	154	887.8	-107.1	204.9	-20.2	100.5	0.0
	61	-2022.2	102.4	-33.4	-32.7	68.4	0.0
4	95	-494.2	-869.4	148.6	-83.5	99.3	50.4
	155	2504.4	-198.7	280.9	126.8	151.2	0.0
	154	1079.5	-192.2	270.8	-71.3	71.1	0.0
	61	-1730.7	232.6	51.5	-103.9	60.2	0.0
5	95	-272.7	-636.8	-29.4	43.3	-64.4	60.7
	155	3008.3	69.0	20.3	-57.7	228.1	0.0
	154	749.6	27.4	116.8	51.4	88.0	0.0
	61	-2135.0	-66.8	-157.3	61.9	119.4	0.0
6	95	-154.0	-697.6	-55.0	23.3	-76.4	19.3
	155	2801.2	84.6	11.5	-69.3	265.7	0.0
	154	822.7	57.6	107.2	61.7	47.8	0.0
	61	-1940.2	-81.7	-178.6	71.9	154.9	0.0
7	95	-60.2	-932.1	-5.0	-80.7	-9.9	-60.6
	155	2158.2	-31.6	136.1	9.2	291.7	0.0
	154	1131.7	-6.5	172.8	14.1	-33.5	0.0
	61	-1372.7	52.8	-104.4	0.6	186.9	0.0
8	95	-98.5	-1072.3	63.4	-149.9	59.2	-87.7
	155	1814.0	-146.8	251.6	88.1	276.4	0.0
	154	1323.3	-91.5	238.7	-37.0	-63.0	0.0
	61	-1081.2	183.0	-19.5	-70.5	178.7	0.0
9	95	-400.3	-1103.9	198.6	-187.5	165.9	-29.5
	155	1861.3	-314.9	405.4	205.4	177.2	0.0
	154	1388.4	-256.2	336.4	-119.0	-10.3	0.0
	61	-1163.2	367.1	125.7	-175.1	92.2	0.0
10	95	-281.6	-1164.8	173.0	-207.4	153.8	-70.9
	155	1654.2	-299.3	396.6	193.7	214.7	0.0
	154	1461.6	-226.0	326.8	-108.7	-50.5	0.0

	61	-968.4	352.2	104.4	-165.1	127.7	0.0
11	95	-276.5	-894.9	72.2	-82.9	45.1	-3.2
	155	2341.2	-116.4	210.0	68.7	224.9	0.0
	154	1091.3	-99.9	223.9	-28.7	22.4	0.0
	61	-1553.3	144.1	-26.5	-52.0	124.8	0.0
12	95	-276.8	-897.1	72.1	-82.6	45.0	-3.9
	155	2337.5	-115.9	209.5	68.4	223.6	0.0
	154	1096.7	-99.7	223.1	-28.7	21.0	0.0
	61	-1552.7	143.6	-26.5	-51.8	124.3	0.0
13	95	-276.5	-894.9	72.2	-82.9	45.1	-3.2
	155	2341.2	-116.4	210.0	68.7	224.9	0.0
	154	1091.3	-99.9	223.9	-28.7	22.4	0.0
	61	-1553.3	144.1	-26.5	-52.0	124.8	0.0
14	95	-276.9	-898.5	72.0	-82.4	44.9	-4.4
	155	2335.0	-115.6	209.1	68.3	222.7	0.0
	154	1100.2	-99.5	222.6	-28.6	20.1	0.0
	61	-1552.3	143.2	-26.5	-51.7	124.0	0.0
15	95	-276.5	-894.9	72.2	-82.9	45.1	-3.2
	155	2341.2	-116.4	210.0	68.7	224.9	0.0
	154	1091.3	-99.9	223.9	-28.7	22.4	0.0
	61	-1553.3	144.1	-26.5	-52.0	124.8	0.0
16	95	-277.1	-900.0	71.9	-82.2	44.8	-4.9
	155	2332.5	-115.3	208.7	68.1	221.9	0.0
	154	1103.8	-99.4	222.0	-28.6	19.2	0.0
	61	-1551.9	142.9	-26.4	-51.7	123.7	0.0
1	155	-528.1	-2528.0	172.9	-150.8	101.2	-312.8
	508	520.0	-85.5	685.6	133.6	-121.5	0.0
	507	4904.4	-179.8	366.5	-127.6	-791.5	0.0
	154	-1360.8	92.4	-423.7	-172.7	216.7	0.0
2	155	-601.5	-2903.3	198.4	-173.2	116.0	-359.3
	508	658.6	-98.3	785.9	153.3	-129.4	0.0
	507	5607.7	-206.1	420.8	-146.3	-901.4	0.0
	154	-1591.1	106.0	-485.6	-198.1	252.0	0.0
3	155	-677.7	-2098.6	105.4	-119.1	68.2	-175.9
	508	597.8	-137.4	473.3	72.8	-164.3	0.0
	507	4021.0	-135.8	361.9	-90.8	-590.2	0.0
	154	-1325.8	118.2	-238.3	-87.3	139.1	0.0
4	155	-424.2	-2035.0	58.3	-147.3	106.1	-265.9
	508	541.4	-66.1	671.4	142.5	-41.2	0.0
	507	3821.8	-187.4	308.7	-129.6	-649.0	0.0
	154	-1174.5	71.9	-437.5	-199.1	223.8	0.0
5	155	-865.2	-2075.5	195.2	-73.4	16.9	-83.3
	508	595.6	-195.1	206.3	-12.6	-292.2	0.0
	507	4105.0	-58.2	384.8	-36.3	-503.8	0.0
	154	-1378.1	154.9	5.4	51.4	31.6	0.0
6	155	-772.6	-1992.1	225.1	-62.5	10.8	-93.9
	508	537.2	-173.1	175.5	-16.2	-278.6	0.0
	507	3977.7	-43.3	351.2	-28.4	-488.6	0.0
	154	-1271.5	140.0	14.9	58.4	24.3	0.0
7	155	-368.8	-1820.6	205.0	-82.6	47.8	-211.3
	508	403.4	-64.4	370.5	61.0	-119.2	0.0
	507	3596.7	-85.9	250.1	-64.4	-539.3	0.0
	154	-970.7	68.6	-206.3	-63.8	114.5	0.0
8	155	-115.4	-1757.0	157.9	-110.8	85.7	-301.4
	508	347.0	6.9	568.6	130.7	4.0	0.0
	507	3397.5	-137.5	196.9	-103.2	-598.1	0.0
	154	-819.4	22.3	-405.6	-175.6	199.2	0.0
9	155	-20.5	-1863.5	38.2	-167.4	143.1	-383.4
	508	407.6	42.6	866.5	219.7	118.3	0.0
	507	3440.8	-230.0	207.5	-165.6	-699.8	0.0
	154	-873.7	0.5	-658.8	-321.3	314.0	0.0
10	155	72.2	-1780.0	68.1	-156.5	137.0	-394.0
	508	349.2	64.5	835.6	216.1	131.8	0.0
	507	3313.5	-215.1	174.0	-157.7	-684.5	0.0
	154	-767.2	-14.4	-649.2	-314.3	306.6	0.0
11	155	-403.7	-1940.2	132.7	-115.7	77.6	-240.1
	508	419.0	-65.7	525.7	102.5	-90.0	0.0
	507	3756.0	-137.9	281.2	-97.9	-605.0	0.0
	154	-1053.6	70.9	-324.9	-132.5	167.3	0.0
12	155	-401.0	-1935.5	132.3	-115.4	77.4	-239.6
	508	439.1	-65.5	523.9	102.2	-86.3	0.0
	507	3738.4	-137.4	280.5	-97.5	-600.9	0.0
	154	-1060.7	70.6	-323.8	-132.1	168.0	0.0

13	155	-403.7	-1940.2	132.7	-115.7	77.6	-240.1
	508	419.0	-65.7	525.7	102.5	-90.0	0.0
	507	3756.0	-137.9	281.2	-97.9	-605.0	0.0
	154	-1053.6	70.9	-324.9	-132.5	167.3	0.0
14	155	-399.2	-1932.4	132.0	-115.2	77.2	-239.2
	508	452.4	-65.4	522.7	102.0	-83.8	0.0
	507	3726.8	-137.1	280.1	-97.3	-598.2	0.0
	154	-1065.5	70.5	-323.0	-131.8	168.4	0.0
15	155	-403.7	-1940.2	132.7	-115.7	77.6	-240.1
	508	419.0	-65.7	525.7	102.5	-90.0	0.0
	507	3756.0	-137.9	281.2	-97.9	-605.0	0.0
	154	-1053.6	70.9	-324.9	-132.5	167.3	0.0
16	155	-397.4	-1929.3	131.8	-115.1	77.0	-238.8
	508	465.7	-65.3	521.6	101.8	-81.4	0.0
	507	3715.1	-136.8	279.6	-97.1	-595.5	0.0
	154	-1070.2	70.3	-322.3	-131.6	168.9	0.0
1	13	-746.8	411.8	39.7	61.6	53.0	416.0
	61	1935.8	-177.8	-110.8	23.1	-51.3	0.0
	94	1630.4	-28.1	201.7	-33.2	285.0	0.0
	30	397.3	166.1	362.2	60.6	-271.0	0.0
2	13	-861.1	472.4	45.7	70.8	60.7	478.7
	61	2232.4	-203.8	-127.0	26.5	-60.2	0.0
	94	1885.9	-32.3	231.2	-38.1	327.0	0.0
	30	457.8	190.4	415.3	69.5	-313.1	0.0
3	13	-730.6	503.5	-13.5	-46.0	35.9	439.2
	61	1954.1	-9.4	-0.6	18.9	-166.1	0.0
	94	953.1	19.3	61.9	-24.6	370.8	0.0
	30	-48.1	32.9	31.6	14.5	-370.0	0.0
4	13	-882.2	213.7	37.9	99.9	72.2	498.6
	61	1584.1	-182.1	-216.5	47.4	-156.7	0.0
	94	1327.7	-7.9	161.2	-67.4	407.3	0.0
	30	237.3	171.6	472.0	101.5	-336.7	0.0
5	13	-390.7	809.9	-60.7	-202.3	-16.2	264.6
	61	2188.8	164.6	268.3	-25.2	-92.5	0.0
	94	599.8	32.1	-24.7	39.8	207.6	0.0
	30	-233.9	-112.2	-465.7	-95.5	-307.7	0.0
6	13	-251.1	782.7	-49.7	-190.3	-24.4	174.3
	61	2019.8	141.0	283.0	-34.5	-20.1	0.0
	94	671.5	15.8	0.3	52.3	104.4	0.0
	30	-107.8	-97.8	-451.6	-102.7	-221.1	0.0
7	13	-265.2	413.1	23.0	-5.9	8.3	138.3
	61	1391.1	-88.1	48.3	-12.2	75.3	0.0
	94	1192.1	-35.1	145.3	16.8	26.6	0.0
	30	372.3	80.8	78.7	-9.5	-81.3	0.0
8	13	-416.9	123.3	74.4	140.1	44.7	197.7
	61	1021.0	-260.8	-167.6	16.2	84.7	0.0
	94	1566.6	-62.4	244.7	-26.1	63.1	0.0
	30	657.7	219.5	519.1	77.6	-48.0	0.0
9	13	-896.3	-156.0	110.6	284.3	105.0	462.6
	61	955.3	-411.2	-451.2	69.6	-61.3	0.0
	94	1848.3	-58.8	306.3	-102.9	329.5	0.0
	30	717.3	350.2	1002.3	194.7	-196.9	0.0
10	13	-756.7	-183.1	121.6	296.4	96.7	372.4
	61	786.4	-434.8	-436.5	60.3	11.1	0.0
	94	1920.0	-75.2	331.3	-90.5	226.3	0.0
	30	843.4	364.6	1016.5	187.5	-110.3	0.0
11	13	-574.3	315.9	30.5	47.3	40.6	319.6
	61	1488.7	-136.3	-85.0	17.7	-39.8	0.0
	94	1255.7	-21.6	154.7	-25.5	218.6	0.0
	30	305.4	127.4	277.8	46.5	-208.6	0.0
12	13	-574.1	314.9	30.5	47.2	40.5	319.2
	61	1488.3	-135.9	-84.6	17.7	-40.1	0.0
	94	1257.2	-21.5	154.2	-25.4	218.0	0.0
	30	305.2	126.9	276.9	46.3	-208.7	0.0
13	13	-574.3	315.9	30.5	47.3	40.6	319.6
	61	1488.7	-136.3	-85.0	17.7	-39.8	0.0
	94	1255.7	-21.6	154.7	-25.5	218.6	0.0
	30	305.4	127.4	277.8	46.5	-208.6	0.0
14	13	-573.9	314.3	30.5	47.1	40.4	318.9
	61	1488.0	-135.6	-84.4	17.6	-40.3	0.0
	94	1258.3	-21.5	153.8	-25.4	217.6	0.0
	30	305.0	126.6	276.3	46.2	-208.9	0.0
15	13	-574.3	315.9	30.5	47.3	40.6	319.6

	61	1488.7	-136.3	-85.0	17.7	-39.8	0.0
	94	1255.7	-21.6	154.7	-25.5	218.6	0.0
	30	305.4	127.4	277.8	46.5	-208.6	0.0
16	13	-573.8	313.7	30.4	47.1	40.3	318.6
	61	1487.7	-135.3	-84.2	17.6	-40.6	0.0
	94	1259.4	-21.5	153.5	-25.4	217.2	0.0
	30	304.9	126.3	275.7	46.1	-209.0	0.0
1	61	-532.8	-1748.6	148.3	4.2	84.9	-168.1
	154	1589.5	-165.2	326.9	98.2	-46.0	0.0
	153	2812.2	-104.4	129.2	-81.2	-289.1	0.0
	94	-1373.3	121.2	-55.9	-89.4	24.9	0.0
2	61	-612.6	-2013.5	170.0	4.7	97.4	-192.7
	154	1852.0	-189.4	374.7	112.8	-48.9	0.0
	153	3231.2	-119.8	148.3	-93.1	-330.3	0.0
	94	-1593.1	139.1	-64.0	-102.5	30.6	0.0
3	61	-614.1	-1142.5	143.6	-19.7	36.7	-51.9
	154	1523.2	-66.8	218.7	38.3	-121.0	0.0
	153	1955.2	-148.2	136.4	-61.3	-151.3	0.0
	94	-1374.7	40.9	-63.8	-57.2	-56.1	0.0
4	61	-656.2	-1322.4	189.4	94.6	126.5	-73.4
	154	1373.9	-218.6	312.8	146.8	-93.5	0.0
	153	2112.9	-112.0	98.3	-109.1	-162.8	0.0
	94	-1200.5	174.8	34.9	-123.6	-42.6	0.0
5	61	-405.3	-1008.0	52.5	-177.0	-80.1	-72.4
	154	1554.8	122.4	96.6	-100.7	-99.2	0.0
	153	1850.0	-154.9	167.5	11.0	-180.8	0.0
	94	-1423.4	-126.3	-198.6	36.0	-22.3	0.0
6	61	-268.6	-1072.5	20.2	-197.6	-90.2	-111.5
	154	1432.6	132.7	86.2	-111.3	-53.1	0.0
	153	1917.4	-124.5	156.1	25.0	-217.7	0.0
	94	-1291.0	-135.6	-215.4	49.4	20.2	0.0
7	61	-158.1	-1357.6	35.9	-88.4	2.7	-182.1
	154	1115.9	-32.4	183.9	2.9	32.9	0.0
	153	2180.0	-46.8	98.5	-14.5	-274.0	0.0
	94	-933.3	9.8	-119.7	-12.5	85.5	0.0
8	61	-200.2	-1537.5	81.7	25.9	92.6	-203.6
	154	966.6	-184.3	278.1	111.4	60.4	0.0
	153	2337.6	-10.7	60.4	-62.3	-285.5	0.0
	94	-759.2	143.7	-21.0	-78.9	99.0	0.0
9	61	-545.7	-1607.5	205.1	203.8	219.5	-144.1
	154	1057.2	-383.8	410.5	261.0	-7.5	0.0
	153	2375.4	-34.4	40.6	-148.6	-219.2	0.0
	94	-842.9	320.2	130.5	-185.5	22.7	0.0
10	61	-408.9	-1672.1	172.8	183.2	209.4	-183.1
	154	935.0	-373.5	400.1	250.4	38.7	0.0
	153	2442.9	-4.0	29.3	-134.6	-256.0	0.0
	94	-710.5	310.9	113.8	-172.0	65.2	0.0
11	61	-409.2	-1343.8	113.7	3.2	65.1	-128.9
	154	1228.5	-126.7	250.6	75.4	-34.0	0.0
	153	2158.8	-80.1	99.1	-62.3	-221.3	0.0
	94	-1059.2	93.0	-42.8	-68.6	19.8	0.0
12	61	-408.4	-1342.4	113.3	3.2	65.0	-128.5
	154	1234.7	-126.2	249.8	75.2	-32.6	0.0
	153	2154.2	-79.8	98.9	-62.1	-220.2	0.0
	94	-1062.1	92.7	-42.7	-68.4	20.4	0.0
13	61	-409.2	-1343.8	113.7	3.2	65.1	-128.9
	154	1228.5	-126.7	250.6	75.4	-34.0	0.0
	153	2158.8	-80.1	99.1	-62.3	-221.3	0.0
	94	-1059.2	93.0	-42.8	-68.6	19.8	0.0
14	61	-407.9	-1341.4	113.1	3.1	64.8	-128.2
	154	1238.8	-126.0	249.2	75.1	-31.7	0.0
	153	2151.1	-79.7	98.7	-62.0	-219.5	0.0
	94	-1064.0	92.6	-42.6	-68.2	20.8	0.0
15	61	-409.2	-1343.8	113.7	3.2	65.1	-128.9
	154	1228.5	-126.7	250.6	75.4	-34.0	0.0
	153	2158.8	-80.1	99.1	-62.3	-221.3	0.0
	94	-1059.2	93.0	-42.8	-68.6	19.8	0.0
16	61	-407.4	-1340.5	112.8	3.1	64.7	-127.9
	154	1242.8	-125.7	248.6	74.9	-30.8	0.0
	153	2148.0	-79.5	98.5	-61.9	-218.8	0.0
	94	-1066.0	92.4	-42.5	-68.1	21.3	0.0
1	154	77.8	-1640.8	202.9	-195.2	111.8	-201.4

	507	4686.2	-61.1	590.5	155.1	803.8	0.0
	506	980.4	-358.0	639.0	-138.5	151.3	0.0
	153	-2490.2	216.2	-279.8	-234.8	413.7	0.0
2	154	83.9	-1905.9	232.9	-223.7	128.4	-234.6
	507	5362.5	-70.5	677.6	178.0	915.7	0.0
	506	1178.6	-410.5	732.8	-158.9	163.3	0.0
	153	-2863.3	248.1	-321.0	-269.3	474.2	0.0
3	154	-98.2	-1090.5	83.4	-202.1	75.5	-103.9
	507	3980.2	-97.5	349.7	89.9	608.6	0.0
	506	579.2	-179.4	464.5	-89.9	165.2	0.0
	153	-2210.3	136.9	-160.1	-120.1	306.5	0.0
4	154	51.2	-1275.1	169.1	-158.6	127.1	-185.9
	507	3635.0	-35.5	603.3	161.9	661.3	0.0
	506	913.4	-400.8	613.4	-153.2	59.8	0.0
	153	-2020.4	232.4	-297.6	-274.0	365.4	0.0
5	154	-219.2	-941.7	3.3	-230.2	4.2	-17.1
	507	4202.4	-156.2	34.9	0.4	525.2	0.0
	506	235.9	91.5	253.7	-4.9	281.1	0.0
	153	-2283.5	11.5	11.4	72.3	222.7	0.0
6	154	-173.5	-998.7	20.3	-211.0	-5.5	-24.7
	507	4047.6	-144.5	18.8	-4.2	506.5	0.0
	506	275.7	102.3	221.9	4.8	275.0	0.0
	153	-2156.2	-0.5	21.0	83.4	209.7	0.0
7	154	54.1	-1280.6	140.1	-137.8	43.4	-129.2
	507	3464.3	-58.5	296.0	74.3	546.1	0.0
	506	712.0	-143.5	358.5	-57.6	145.0	0.0
	153	-1786.1	96.8	-128.2	-83.3	263.3	0.0
8	154	203.4	-1465.1	225.8	-94.3	94.9	-211.2
	507	3119.0	3.5	549.7	146.3	598.8	0.0
	506	1046.2	-365.0	507.4	-120.9	39.6	0.0
	153	-1596.1	192.2	-265.7	-237.2	322.2	0.0
9	154	278.7	-1556.9	288.9	-85.5	175.9	-290.5
	507	3051.6	50.5	880.5	240.5	700.9	0.0
	506	1349.7	-646.7	750.0	-215.6	-70.2	0.0
	153	-1650.3	329.7	-446.9	-440.7	419.0	0.0
10	154	324.4	-1614.0	305.9	-66.2	166.3	-298.1
	507	2896.8	62.2	864.4	235.8	682.2	0.0
	506	1389.5	-635.9	718.2	-206.0	-76.3	0.0
	153	-1523.0	317.6	-437.3	-429.6	406.1	0.0
11	154	58.0	-1266.3	155.7	-149.6	85.8	-155.6
	507	3590.3	-47.0	453.0	119.0	614.5	0.0
	506	769.6	-274.5	490.1	-106.2	112.7	0.0
	153	-1912.3	165.9	-214.6	-180.1	317.2	0.0
12	154	56.0	-1270.6	155.3	-149.1	85.6	-156.4
	507	3575.0	-47.0	451.8	118.7	610.4	0.0
	506	785.7	-273.7	488.5	-105.9	108.8	0.0
	153	-1908.9	165.4	-214.0	-179.5	316.1	0.0
13	154	58.0	-1266.3	155.7	-149.6	85.8	-155.6
	507	3590.3	-47.0	453.0	119.0	614.5	0.0
	506	769.6	-274.5	490.1	-106.2	112.7	0.0
	153	-1912.3	165.9	-214.6	-180.1	317.2	0.0
14	154	54.6	-1273.5	155.0	-148.7	85.4	-156.9
	507	3564.9	-47.0	450.9	118.5	607.7	0.0
	506	796.5	-273.1	487.5	-105.7	106.3	0.0
	153	-1906.6	165.1	-213.6	-179.2	315.4	0.0
15	154	58.0	-1266.3	155.7	-149.6	85.8	-155.6
	507	3590.3	-47.0	453.0	119.0	614.5	0.0
	506	769.6	-274.5	490.1	-106.2	112.7	0.0
	153	-1912.3	165.9	-214.6	-180.1	317.2	0.0
16	154	53.3	-1276.4	154.7	-148.4	85.3	-157.3
	507	3554.7	-47.0	450.1	118.2	605.0	0.0
	506	807.3	-272.5	486.5	-105.5	103.7	0.0
	153	-1904.4	164.7	-213.1	-178.8	314.7	0.0
1	32	-110.5	28.8	15.9	17.3	-24.6	10.6
	96	545.1	-146.6	-77.5	-40.2	29.1	0.0
	62	716.2	30.1	156.0	41.1	-9.7	0.0
	14	168.3	100.6	195.5	56.4	11.8	0.0
2	32	-128.9	35.8	18.3	19.9	-28.2	12.6
	96	634.4	-168.2	-88.8	-46.1	33.7	0.0
	62	822.2	34.5	178.8	47.2	-10.6	0.0
	14	190.5	115.4	224.2	64.6	13.5	0.0
3	32	-82.0	38.7	20.2	-9.6	2.5	6.3
	96	601.5	-57.1	-5.5	-15.7	40.2	0.0

	62	493.3	-3.6	48.8	23.5	-7.5	0.0
	14	-13.6	42.2	34.2	16.9	21.7	0.0
4	32	-101.5	1.5	68.6	57.1	-43.2	18.4
	96	510.6	-125.4	-77.0	-53.4	33.9	0.0
	62	546.4	-47.0	135.1	51.6	2.6	0.0
	14	61.2	101.6	220.8	77.8	17.6	0.0
5	32	-55.8	85.7	-59.0	-94.9	57.0	-10.4
	96	616.6	8.3	65.6	31.0	37.5	0.0
	62	449.5	80.7	-33.3	-13.6	-22.4	0.0
	14	-30.1	-23.9	-168.7	-57.3	19.0	0.0
6	32	-52.8	88.8	-78.4	-101.2	58.0	-12.6
	96	538.7	-3.9	55.1	33.4	28.8	0.0
	62	465.0	109.6	-17.3	-17.4	-25.0	0.0
	14	30.5	-21.1	-156.0	-60.1	12.6	0.0
7	32	-72.0	49.1	-44.4	-30.7	5.8	-1.2
	96	341.6	-97.7	-40.7	-7.8	11.2	0.0
	62	544.9	92.7	102.1	11.0	-16.1	0.0
	14	188.5	51.4	76.5	7.9	0.4	0.0
8	32	-91.5	11.9	4.1	36.1	-39.9	10.9
	96	250.6	-165.9	-112.2	-45.4	4.8	0.0
	62	598.0	49.3	188.4	39.0	-5.9	0.0
	14	263.3	110.8	263.1	68.8	-3.8	0.0
9	32	-120.7	-38.2	102.6	127.7	-95.4	29.9
	96	313.5	-219.2	-172.8	-94.5	16.2	0.0
	62	626.4	-63.9	254.5	79.9	11.5	0.0
	14	219.2	174.2	453.4	145.8	5.3	0.0
10	32	-117.7	-35.1	83.2	121.4	-94.4	27.6
	96	235.5	-231.4	-183.3	-92.1	7.5	0.0
	62	641.8	-35.0	270.5	76.1	9.0	0.0
	14	279.8	176.9	466.1	143.1	-1.1	0.0
11	32	-85.5	23.0	12.2	13.3	-18.9	8.3
	96	421.1	-112.5	-59.4	-30.9	22.4	0.0
	62	549.6	23.1	119.6	31.5	-7.3	0.0
	14	128.3	77.2	149.9	43.2	9.0	0.0
12	32	-85.9	23.9	12.2	13.3	-18.8	8.4
	96	422.9	-112.1	-59.2	-30.7	22.4	0.0
	62	548.1	23.0	119.2	31.4	-7.1	0.0
	14	127.0	76.9	149.5	43.1	9.0	0.0
13	32	-85.5	23.0	12.2	13.3	-18.9	8.3
	96	421.1	-112.5	-59.4	-30.9	22.4	0.0
	62	549.6	23.1	119.6	31.5	-7.3	0.0
	14	128.3	77.2	149.9	43.2	9.0	0.0
14	32	-86.3	24.4	12.2	13.3	-18.8	8.5
	96	424.2	-111.9	-59.1	-30.7	22.5	0.0
	62	547.1	22.9	119.0	31.4	-6.9	0.0
	14	126.1	76.8	149.1	43.0	9.0	0.0
15	32	-85.5	23.0	12.2	13.3	-18.9	8.3
	96	421.1	-112.5	-59.4	-30.9	22.4	0.0
	62	549.6	23.1	119.6	31.5	-7.3	0.0
	14	128.3	77.2	149.9	43.2	9.0	0.0
16	32	-86.6	25.0	12.1	13.2	-18.7	8.6
	96	425.4	-111.6	-58.9	-30.6	22.5	0.0
	62	546.1	22.9	118.7	31.3	-6.8	0.0
	14	125.3	76.6	148.8	42.9	9.0	0.0
1	96	-287.8	4.7	3.5	-58.5	50.6	83.5
	157	2070.4	-108.2	166.3	27.2	-69.7	0.0
	156	-166.2	-22.5	116.1	-14.4	119.4	0.0
	62	-1482.4	127.2	-27.9	-37.2	-114.7	0.0
2	96	-335.2	0.6	4.0	-67.1	58.0	97.1
	157	2382.2	-123.9	190.7	31.1	-81.7	0.0
	156	-182.6	-25.8	133.0	-16.5	138.0	0.0
	62	-1708.0	145.7	-32.1	-42.6	-133.0	0.0
3	96	-426.4	137.4	4.6	-17.3	28.6	136.7
	157	2176.3	-35.2	101.9	31.8	-138.4	0.0
	156	-345.7	-32.3	62.6	-23.0	172.4	0.0
	62	-1639.5	42.7	-30.5	-25.7	-181.3	0.0
4	96	-394.5	73.2	18.1	-41.8	75.4	119.5
	157	1910.3	-104.4	165.7	70.9	-126.8	0.0
	156	-234.5	-52.0	98.2	-53.3	150.8	0.0
	62	-1420.8	100.5	-54.9	-67.5	-164.6	0.0
5	96	-334.0	136.8	-17.2	0.9	-35.5	112.6
	157	2165.2	37.1	22.4	-35.3	-97.6	0.0
	156	-353.8	8.1	26.6	31.3	149.0	0.0

	62	-1619.6	-7.3	13.1	35.9	-142.1	0.0
6	96	-222.9	72.2	-22.5	-8.0	-43.6	74.8
	157	1889.8	29.7	18.0	-53.8	-51.2	0.0
	156	-249.6	23.1	31.2	47.7	107.3	0.0
	62	-1383.9	7.6	25.9	46.9	-91.7	0.0
7	96	-56.1	-78.0	-12.9	-47.2	1.5	10.7
	157	1258.2	-59.6	87.2	-29.7	16.5	0.0
	156	1.6	17.7	78.1	31.5	33.5	0.0
	62	-853.7	92.6	12.3	11.0	-13.5	0.0
8	96	-24.2	-142.1	0.6	-71.7	48.3	-6.5
	157	992.2	-128.9	150.9	9.4	28.0	0.0
	156	112.7	-2.0	113.7	1.2	11.9	0.0
	62	-635.1	150.4	-12.2	-30.8	3.1	0.0
9	96	-227.7	-76.9	27.7	-81.0	120.5	55.4
	157	1278.6	-193.8	234.9	95.0	-59.2	0.0
	156	16.6	-57.4	145.1	-69.5	77.0	0.0
	62	-890.6	185.5	-68.6	-103.4	-86.4	0.0
10	96	-116.6	-141.5	22.5	-89.9	112.3	17.6
	157	1003.2	-201.1	230.5	76.5	-12.8	0.0
	156	120.8	-42.4	149.7	-53.1	35.3	0.0
	62	-654.9	200.4	-55.7	-92.4	-36.1	0.0
11	96	-222.4	2.0	2.7	-44.9	38.8	64.5
	157	1590.4	-82.9	127.5	20.8	-54.0	0.0
	156	-124.8	-17.3	89.0	-11.0	91.9	0.0
	62	-1139.5	97.5	-21.4	-28.5	-88.5	0.0
12	96	-223.5	0.4	2.6	-44.7	38.7	64.7
	157	1588.1	-82.6	127.1	20.7	-54.5	0.0
	156	-121.7	-17.2	88.7	-11.0	92.0	0.0
	62	-1138.7	97.1	-21.4	-28.4	-88.7	0.0
13	96	-222.4	2.0	2.7	-44.9	38.8	64.5
	157	1590.4	-82.9	127.5	20.8	-54.0	0.0
	156	-124.8	-17.3	89.0	-11.0	91.9	0.0
	62	-1139.5	97.5	-21.4	-28.5	-88.5	0.0
14	96	-224.2	-0.7	2.6	-44.6	38.6	64.9
	157	1586.6	-82.4	126.9	20.7	-54.8	0.0
	156	-119.6	-17.2	88.5	-11.0	92.1	0.0
	62	-1138.1	96.9	-21.4	-28.3	-88.9	0.0
15	96	-222.4	2.0	2.7	-44.9	38.8	64.5
	157	1590.4	-82.9	127.5	20.8	-54.0	0.0
	156	-124.8	-17.3	89.0	-11.0	91.9	0.0
	62	-1139.5	97.5	-21.4	-28.5	-88.5	0.0
16	96	-224.9	-1.8	2.6	-44.6	38.5	65.0
	157	1585.0	-82.1	126.6	20.6	-55.0	0.0
	156	-117.5	-17.2	88.3	-10.9	92.1	0.0
	62	-1137.5	96.7	-21.3	-28.3	-89.0	0.0
1	157	580.9	182.9	-47.4	-9.2	30.6	-354.8
	510	1304.7	-29.4	222.7	85.7	111.9	0.0
	509	825.8	62.9	-16.0	-43.0	-461.4	0.0
	156	-1801.6	14.0	-257.6	-54.0	189.1	0.0
2	157	660.1	217.0	-54.2	-10.5	35.2	-403.6
	510	1520.9	-34.1	255.4	98.5	128.2	0.0
	509	932.1	72.1	-18.1	-49.6	-524.5	0.0
	156	-2079.3	16.1	-295.3	-62.0	215.7	0.0
3	157	107.4	355.3	-35.6	-27.8	36.7	-194.5
	510	1364.4	-81.1	115.1	57.1	4.5	0.0
	509	541.6	76.1	34.4	-28.2	-288.4	0.0
	156	-1867.0	30.0	-144.0	-44.1	76.9	0.0
4	157	369.3	321.0	-72.5	-5.1	61.8	-289.4
	510	1261.7	-21.0	193.1	99.2	121.7	0.0
	509	449.5	59.5	-22.7	-61.0	-370.8	0.0
	156	-1647.0	6.7	-262.0	-85.1	183.0	0.0
5	157	-61.1	262.2	20.2	-47.6	-10.7	-100.5
	510	1281.0	-131.5	34.9	-0.8	-116.9	0.0
	509	728.8	81.5	88.5	18.2	-203.3	0.0
	156	-1864.4	51.7	-1.3	20.2	-38.1	0.0
6	157	56.5	148.1	31.1	-41.9	-26.3	-114.8
	510	1106.8	-114.5	44.0	-8.4	-103.8	0.0
	509	797.2	69.5	77.9	25.1	-212.6	0.0
	156	-1642.1	47.2	3.1	34.3	-30.6	0.0
7	157	499.3	-25.0	0.8	-8.8	-15.1	-242.2
	510	783.8	-24.5	145.6	31.8	48.2	0.0
	509	769.5	36.2	-1.1	-5.1	-319.7	0.0
	156	-1126.1	14.8	-129.5	2.8	101.8	0.0

8	157	761.3	-59.2	-36.2	13.9	10.1	-337.1
	510	681.2	35.6	223.6	73.9	165.4	0.0
	509	677.4	19.6	-58.1	-37.9	-402.0	0.0
	156	-906.1	-8.5	-247.4	-38.3	207.8	0.0
9	157	812.2	148.0	-102.9	28.0	73.0	-416.8
	510	938.7	69.0	294.7	139.4	273.7	0.0
	509	421.8	26.2	-101.6	-91.2	-477.8	0.0
	156	-1131.0	-25.7	-394.5	-116.6	315.4	0.0
10	157	929.7	33.9	-92.0	33.7	57.5	-431.1
	510	764.5	86.0	303.8	131.8	286.8	0.0
	509	490.2	14.2	-112.3	-84.3	-487.2	0.0
	156	-908.7	-30.2	-390.1	-102.6	322.8	0.0
11	157	443.5	142.6	-36.3	-7.1	23.5	-271.1
	510	1008.7	-22.7	170.8	65.8	85.8	0.0
	509	628.5	48.2	-12.2	-33.1	-352.4	0.0
	156	-1386.0	10.8	-197.5	-41.4	144.6	0.0
12	157	440.1	144.6	-36.1	-7.0	23.4	-269.1
	510	1014.0	-22.7	170.2	65.7	85.5	0.0
	509	621.4	48.1	-12.1	-33.1	-349.7	0.0
	156	-1386.2	10.8	-196.8	-41.3	143.8	0.0
13	157	443.5	142.6	-36.3	-7.1	23.5	-271.1
	510	1008.7	-22.7	170.8	65.8	85.8	0.0
	509	628.5	48.2	-12.2	-33.1	-352.4	0.0
	156	-1386.0	10.8	-197.5	-41.4	144.6	0.0
14	157	437.8	146.0	-36.0	-7.0	23.4	-267.8
	510	1017.5	-22.7	169.9	65.6	85.3	0.0
	509	616.6	48.0	-12.0	-33.1	-347.9	0.0
	156	-1386.3	10.8	-196.4	-41.3	143.2	0.0
15	157	443.5	142.6	-36.3	-7.1	23.5	-271.1
	510	1008.7	-22.7	170.8	65.8	85.8	0.0
	509	628.5	48.2	-12.2	-33.1	-352.4	0.0
	156	-1386.0	10.8	-197.5	-41.4	144.6	0.0
16	157	435.5	147.4	-35.9	-7.0	23.4	-266.5
	510	1021.0	-22.7	169.5	65.5	85.0	0.0
	509	611.9	47.9	-11.9	-33.1	-346.1	0.0
	156	-1386.5	10.8	-195.9	-41.2	142.7	0.0
1	14	-183.0	555.7	127.5	216.4	10.3	127.5
	62	2346.6	-275.1	8.1	-40.6	255.1	0.0
	95	1408.3	-91.1	265.7	49.2	17.9	0.0
	31	64.7	238.8	425.4	91.7	-3.5	0.0
2	14	-211.3	638.0	146.2	248.2	11.8	146.6
	62	2707.3	-315.3	9.4	-46.5	293.5	0.0
	95	1629.5	-104.6	304.5	56.4	19.6	0.0
	31	73.6	273.7	487.7	105.1	-4.5	0.0
3	14	-125.2	498.5	-13.7	3.2	28.1	111.6
	62	2339.3	-114.6	16.5	-5.5	242.5	0.0
	95	904.5	42.0	102.2	23.3	60.0	0.0
	31	-360.2	93.7	79.8	21.1	-12.0	0.0
4	14	-197.7	376.2	130.8	286.3	4.5	139.1
	62	2049.2	-272.8	-82.1	-46.7	220.5	0.0
	95	1091.9	-94.2	206.0	4.0	70.7	0.0
	31	-135.8	240.0	509.9	96.0	-6.7	0.0
5	14	-26.2	631.4	-155.3	-313.2	49.7	60.0
	62	2405.1	59.1	158.8	39.3	242.7	0.0
	95	749.4	170.7	14.5	62.4	10.6	0.0
	31	-414.5	-66.8	-402.0	-58.5	-13.9	0.0
6	14	-14.0	623.1	-132.2	-301.3	44.6	43.3
	62	2171.4	49.9	182.2	36.4	220.9	0.0
	95	803.8	144.7	43.1	76.6	-21.1	0.0
	31	-236.7	-58.1	-385.0	-51.8	-10.2	0.0
7	14	-84.2	470.8	63.3	43.0	11.1	55.7
	62	1560.3	-145.3	94.6	-15.0	169.9	0.0
	95	1086.0	-44.6	197.6	70.7	-45.7	0.0
	31	232.6	122.8	136.7	43.4	0.2	0.0
8	14	-156.8	348.6	207.8	326.1	-12.5	83.1
	62	1270.2	-303.4	-3.9	-56.2	147.9	0.0
	95	1273.4	-180.8	301.4	51.4	-35.0	0.0
	31	457.0	269.0	566.8	118.3	5.5	0.0
9	14	-268.0	223.9	326.3	630.6	-29.0	151.5
	62	1438.1	-468.0	-169.7	-98.1	169.5	0.0
	95	1374.1	-283.5	360.5	-2.0	46.1	0.0
	31	333.4	420.8	1031.6	191.1	3.7	0.0
10	14	-255.7	215.6	349.3	642.5	-34.1	134.7

	62	1204.5	-477.2	-146.2	-101.0	147.7	0.0
	95	1428.5	-309.5	389.1	12.2	14.4	0.0
	31	511.3	429.5	1048.7	197.8	7.4	0.0
11	14	-140.8	426.4	97.8	166.0	7.9	97.9
	62	1805.0	-210.9	6.2	-31.1	196.0	0.0
	95	1084.8	-69.9	203.7	37.7	13.5	0.0
	31	49.4	183.1	326.2	70.3	-2.8	0.0
12	14	-140.9	425.3	97.5	165.5	7.9	97.7
	62	1804.9	-210.2	6.2	-31.0	195.7	0.0
	95	1086.4	-69.7	203.0	37.6	13.1	0.0
	31	49.0	182.4	325.1	70.1	-3.0	0.0
13	14	-140.8	426.4	97.8	166.0	7.9	97.9
	62	1805.0	-210.9	6.2	-31.1	196.0	0.0
	95	1084.8	-69.9	203.7	37.7	13.5	0.0
	31	49.4	183.1	326.2	70.3	-2.8	0.0
14	14	-140.9	424.6	97.3	165.2	7.9	97.6
	62	1804.8	-209.7	6.3	-30.9	195.5	0.0
	95	1087.4	-69.6	202.5	37.5	12.9	0.0
	31	48.8	182.0	324.4	69.9	-3.1	0.0
15	14	-140.8	426.4	97.8	166.0	7.9	97.9
	62	1805.0	-210.9	6.2	-31.1	196.0	0.0
	95	1084.8	-69.9	203.7	37.7	13.5	0.0
	31	49.4	183.1	326.2	70.3	-2.8	0.0
16	14	-141.0	423.9	97.1	164.8	7.8	97.4
	62	1804.8	-209.3	6.3	-30.9	195.3	0.0
	95	1088.4	-69.5	202.0	37.4	12.6	0.0
	31	48.5	181.6	323.7	69.7	-3.2	0.0
1	62	-446.1	-1580.5	117.8	-136.1	36.6	-130.7
	156	2624.9	-89.3	391.4	27.4	-30.7	0.0
	155	2325.7	-120.9	223.0	-39.5	-192.7	0.0
	95	-2090.5	92.4	-162.9	-45.8	22.3	0.0
2	62	-512.7	-1821.5	135.1	-156.1	42.0	-149.9
	156	3041.5	-102.4	448.8	31.4	-31.6	0.0
	155	2674.9	-138.8	255.9	-45.3	-220.4	0.0
	95	-2418.4	106.1	-186.7	-52.6	27.5	0.0
3	62	-517.0	-1155.7	91.0	-31.2	20.0	-49.1
	156	2694.1	-30.5	240.6	23.5	-96.9	0.0
	155	1730.1	-113.5	138.7	-27.9	-105.6	0.0
	95	-2229.6	43.1	-62.0	-26.7	-45.7	0.0
4	62	-504.7	-1111.4	156.8	-92.7	75.0	-56.6
	156	2404.4	-145.8	382.7	83.9	-80.4	0.0
	155	1677.4	-166.9	224.2	-61.8	-96.4	0.0
	95	-1934.9	141.0	-117.0	-78.4	-39.0	0.0
5	62	-412.2	-1263.2	-9.7	11.4	-57.8	-72.8
	156	2672.2	118.1	64.9	-69.9	-67.2	0.0
	155	1843.9	-17.5	30.9	22.0	-147.8	0.0
	95	-2247.0	-86.1	-21.7	46.0	-10.3	0.0
6	62	-310.1	-1311.0	-30.3	-13.5	-69.6	-100.7
	156	2363.7	130.2	56.5	-89.6	-25.4	0.0
	155	1888.7	11.3	23.9	30.8	-174.6	0.0
	95	-1967.1	-99.1	-42.3	56.6	26.7	0.0
7	62	-176.6	-1314.9	22.4	-114.3	-19.3	-142.1
	156	1665.7	9.9	212.5	-42.1	42.6	0.0
	155	1879.3	-17.4	115.4	1.7	-195.2	0.0
	95	-1296.8	-0.0	-130.4	8.6	77.8	0.0
8	62	-164.3	-1270.6	88.2	-175.8	35.6	-149.7
	156	1376.0	-105.3	354.6	18.2	59.0	0.0
	155	1826.6	-70.8	200.9	-32.2	-186.0	0.0
	95	-1002.1	97.8	-185.5	-43.1	84.4	0.0
9	62	-371.2	-1115.4	209.5	-193.5	125.3	-98.0
	156	1706.4	-266.0	538.6	131.3	-12.4	0.0
	155	1668.1	-195.6	315.7	-91.0	-117.0	0.0
	95	-1264.6	240.0	-205.2	-126.4	12.0	0.0
10	62	-269.0	-1163.1	189.0	-218.4	113.5	-125.9
	156	1397.9	-253.9	530.2	111.6	29.4	0.0
	155	1712.8	-166.8	308.7	-82.1	-143.8	0.0
	95	-984.7	227.1	-225.7	-115.8	49.1	0.0
11	62	-342.5	-1215.1	90.4	-104.4	28.1	-100.2
	156	2023.3	-68.5	300.1	21.0	-22.4	0.0
	155	1786.2	-92.8	171.1	-30.3	-147.6	0.0
	95	-1610.1	70.9	-124.9	-35.1	17.7	0.0
12	62	-341.8	-1214.3	90.1	-104.1	28.0	-99.9
	156	2027.7	-68.3	299.2	21.0	-21.1	0.0

	155	1783.3	-92.5	170.6	-30.2	-146.9	0.0
	95	-1612.3	70.8	-124.5	-35.0	18.4	0.0
13	62	-342.5	-1215.1	90.4	-104.4	28.1	-100.2
	156	2023.3	-68.5	300.1	21.0	-22.4	0.0
	155	1786.2	-92.8	171.1	-30.3	-147.6	0.0
	95	-1610.1	70.9	-124.9	-35.1	17.7	0.0
14	62	-341.3	-1213.9	89.9	-103.8	27.9	-99.7
	156	2030.6	-68.1	298.5	20.9	-20.2	0.0
	155	1781.3	-92.4	170.3	-30.2	-146.5	0.0
	95	-1613.7	70.6	-124.2	-35.0	18.8	0.0
15	62	-342.5	-1215.1	90.4	-104.4	28.1	-100.2
	156	2023.3	-68.5	300.1	21.0	-22.4	0.0
	155	1786.2	-92.8	171.1	-30.3	-147.6	0.0
	95	-1610.1	70.9	-124.9	-35.1	17.7	0.0
16	62	-340.9	-1213.4	89.7	-103.6	27.9	-99.5
	156	2033.6	-68.0	297.9	20.9	-19.4	0.0
	155	1779.3	-92.2	170.0	-30.1	-146.0	0.0
	95	-1615.1	70.5	-123.9	-34.9	19.2	0.0
1	156	360.6	-657.1	97.8	-249.8	41.0	-277.8
	509	4754.6	-43.5	456.6	151.5	381.6	0.0
	508	284.2	-154.2	495.0	-82.1	71.9	0.0
	155	-2846.0	99.9	-345.9	-151.2	211.6	0.0
2	156	409.9	-779.7	112.1	-286.5	47.1	-322.1
	509	5450.3	-49.9	523.7	173.7	435.3	0.0
	508	379.1	-176.5	567.3	-94.0	72.3	0.0
	155	-3277.9	114.3	-396.9	-173.3	244.3	0.0
3	156	6.6	-439.4	44.3	-175.2	44.7	-149.7
	509	4245.7	-143.7	324.9	111.9	230.8	0.0
	508	136.2	-29.6	487.5	-43.8	125.7	0.0
	155	-2700.1	128.3	-194.3	-81.3	126.2	0.0
4	156	239.8	-487.3	-11.2	-236.9	55.5	-249.0
	509	3719.5	2.5	453.0	139.5	314.2	0.0
	508	335.0	-132.0	413.9	-93.7	-5.5	0.0
	155	-2331.1	68.8	-376.9	-166.6	222.6	0.0
5	156	-162.9	-431.6	149.5	-91.9	18.9	-45.1
	509	4601.0	-288.0	146.1	72.3	143.8	0.0
	508	-63.2	64.6	521.1	18.9	266.0	0.0
	155	-2897.0	181.8	34.3	24.6	5.8	0.0
6	156	-75.0	-472.8	184.2	-82.3	7.5	-54.9
	509	4379.3	-265.5	121.1	65.9	152.7	0.0
	508	-35.4	43.0	476.3	22.8	255.3	0.0
	155	-2696.7	168.1	47.7	30.0	-1.0	0.0
7	156	299.6	-576.8	159.9	-143.1	6.9	-182.2
	509	3506.7	-68.8	241.5	90.8	260.5	0.0
	508	228.9	-101.6	338.2	-30.9	89.7	0.0
	155	-2032.6	82.6	-149.7	-63.2	103.4	0.0
8	156	532.8	-624.7	104.4	-204.9	17.7	-281.5
	509	2980.5	77.4	369.7	118.4	343.9	0.0
	508	427.7	-204.0	264.5	-80.8	-41.4	0.0
	155	-1663.6	23.0	-332.3	-148.5	199.8	0.0
9	156	614.4	-591.2	-35.5	-297.8	54.9	-376.3
	509	2847.0	199.2	573.4	164.3	421.9	0.0
	508	599.4	-276.7	275.7	-147.4	-171.0	0.0
	155	-1667.0	-16.7	-574.3	-259.8	327.1	0.0
10	156	702.3	-632.5	-0.9	-288.2	43.5	-386.1
	509	2625.3	221.7	548.4	158.0	430.8	0.0
	508	627.2	-298.3	230.9	-143.5	-181.8	0.0
	155	-1466.7	-30.5	-560.9	-254.4	320.2	0.0
11	156	275.4	-512.4	75.0	-191.6	31.5	-214.2
	509	3645.8	-33.4	350.2	116.2	291.9	0.0
	508	235.2	-118.1	379.5	-62.9	51.9	0.0
	155	-2187.3	76.5	-265.4	-116.0	162.8	0.0
12	156	273.2	-519.8	74.7	-191.0	31.4	-214.7
	509	3633.5	-33.3	349.1	115.8	290.2	0.0
	508	252.8	-117.7	378.2	-62.7	48.2	0.0
	155	-2185.2	76.2	-264.6	-115.6	162.9	0.0
13	156	275.4	-512.4	75.0	-191.6	31.5	-214.2
	509	3645.8	-33.4	350.2	116.2	291.9	0.0
	508	235.2	-118.1	379.5	-62.9	51.9	0.0
	155	-2187.3	76.5	-265.4	-116.0	162.8	0.0
14	156	271.8	-524.7	74.6	-190.6	31.3	-215.1
	509	3625.4	-33.2	348.4	115.5	289.0	0.0
	508	264.4	-117.3	377.3	-62.5	45.8	0.0

	155	-2183.9	76.0	-264.1	-115.3	162.9	0.0
15	156	275.4	-512.4	75.0	-191.6	31.5	-214.2
	509	3645.8	-33.4	350.2	116.2	291.9	0.0
	508	235.2	-118.1	379.5	-62.9	51.9	0.0
	155	-2187.3	76.5	-265.4	-116.0	162.8	0.0
16	156	270.4	-529.6	74.4	-190.2	31.2	-215.4
	509	3617.2	-33.2	347.6	115.3	287.9	0.0
	508	276.1	-117.0	376.5	-62.4	43.3	0.0
	155	-2182.5	75.8	-263.6	-115.0	163.0	0.0
1	15	-386.3	-97.3	71.9	54.8	-34.3	65.7
	63	294.2	-97.4	-42.2	-54.4	-68.4	0.0
	96	936.0	-54.2	160.9	39.8	36.0	0.0
	32	325.6	79.7	205.5	55.3	-72.1	0.0
2	15	-445.3	-113.8	82.3	62.8	-39.3	75.3
	63	338.6	-111.8	-48.5	-62.3	-78.8	0.0
	96	1082.2	-61.9	184.4	45.7	41.0	0.0
	32	375.9	91.4	235.6	63.4	-83.1	0.0
3	15	-407.9	-195.1	-16.5	13.2	-2.8	64.3
	63	166.9	-49.0	-44.7	-27.8	-92.4	0.0
	96	888.9	30.6	48.1	18.1	36.4	0.0
	32	266.3	42.2	91.1	13.7	-88.7	0.0
4	15	-386.1	-180.7	59.1	117.3	-54.7	66.9
	63	150.8	-118.4	-81.7	-72.9	-81.1	0.0
	96	866.0	-38.0	131.5	51.8	39.8	0.0
	32	291.0	104.5	278.4	75.5	-78.6	0.0
5	15	-363.1	-134.0	-81.4	-124.7	59.7	50.3
	63	232.1	38.6	20.2	31.1	-81.7	0.0
	96	807.4	84.5	-26.4	-24.5	24.6	0.0
	32	218.0	-39.4	-147.3	-60.2	-80.6	0.0
6	15	-302.9	-67.3	-61.5	-138.9	61.3	41.0
	63	271.9	44.2	38.9	36.6	-61.1	0.0
	96	714.5	62.1	-6.9	-27.3	18.0	0.0
	32	201.2	-47.0	-164.4	-61.8	-63.6	0.0
7	15	-207.3	27.2	50.0	-34.0	2.6	33.1
	63	299.5	-30.1	17.4	-9.7	-24.0	0.0
	96	579.4	-43.9	113.1	8.7	14.3	0.0
	32	210.5	16.8	34.1	8.5	-32.0	0.0
8	15	-185.5	41.6	125.6	70.0	-49.3	35.7
	63	283.5	-99.5	-19.6	-54.8	-12.6	0.0
	96	556.5	-112.5	196.5	42.4	17.7	0.0
	32	235.1	79.1	221.3	70.3	-21.9	0.0
9	15	-290.4	-86.1	170.6	222.1	-113.4	59.0
	63	178.5	-192.7	-103.2	-119.2	-43.9	0.0
	96	730.9	-144.1	251.5	87.9	36.1	0.0
	32	300.2	168.3	476.9	145.8	-47.0	0.0
10	15	-230.2	-19.4	190.5	208.0	-111.8	49.6
	63	218.3	-187.0	-84.5	-113.8	-23.4	0.0
	96	638.1	-166.5	270.9	85.1	29.5	0.0
	32	283.5	160.7	459.8	144.2	-30.0	0.0
11	15	-297.0	-75.3	55.1	42.0	-26.3	50.4
	63	226.0	-74.8	-32.4	-41.7	-52.6	0.0
	96	720.7	-41.5	123.4	30.5	27.5	0.0
	32	250.5	61.1	157.6	42.4	-55.4	0.0
12	15	-296.9	-75.9	54.9	41.9	-26.2	50.2
	63	225.7	-74.6	-32.3	-41.6	-52.5	0.0
	96	721.5	-41.3	123.0	30.4	27.4	0.0
	32	250.6	61.0	157.1	42.2	-55.4	0.0
13	15	-297.0	-75.3	55.1	42.0	-26.3	50.4
	63	226.0	-74.8	-32.4	-41.7	-52.6	0.0
	96	720.7	-41.5	123.4	30.5	27.5	0.0
	32	250.5	61.1	157.6	42.4	-55.4	0.0
14	15	-296.8	-76.2	54.8	41.8	-26.1	50.1
	63	225.5	-74.4	-32.2	-41.5	-52.5	0.0
	96	722.0	-41.2	122.7	30.4	27.2	0.0
	32	250.6	60.8	156.8	42.2	-55.3	0.0
15	15	-297.0	-75.3	55.1	42.0	-26.3	50.4
	63	226.0	-74.8	-32.4	-41.7	-52.6	0.0
	96	720.7	-41.5	123.4	30.5	27.5	0.0
	32	250.5	61.1	157.6	42.4	-55.4	0.0
16	15	-296.7	-76.5	54.6	41.7	-26.1	50.0
	63	225.3	-74.3	-32.2	-41.4	-52.5	0.0
	96	722.5	-41.0	122.4	30.3	27.1	0.0
	32	250.7	60.7	156.4	42.1	-55.3	0.0

1	63	-212.1	-294.2	97.4	42.2	54.4	68.4
	158	2092.3	-316.4	312.7	59.9	-106.2	0.0
	157	114.2	21.7	112.0	-9.4	111.6	0.0
	96	-1485.7	197.3	-24.8	-50.1	-148.6	0.0
2	63	-245.2	-338.6	111.8	48.5	62.3	78.8
	158	2418.8	-362.5	358.6	68.6	-122.6	0.0
	157	129.1	24.5	128.4	-10.8	128.9	0.0
	96	-1717.1	226.1	-28.5	-57.5	-171.8	0.0
3	63	-250.7	-189.0	75.5	44.7	27.8	92.4
	158	2295.0	-113.7	198.8	48.2	-163.9	0.0
	157	-109.6	-12.5	49.3	-22.6	143.9	0.0
	96	-1666.5	64.4	-38.2	-30.8	-213.1	0.0
4	63	-227.3	-168.6	122.4	81.7	72.9	81.1
	158	2068.6	-259.4	318.1	94.8	-148.7	0.0
	157	-76.7	4.8	91.1	-48.6	127.4	0.0
	96	-1487.0	152.3	-65.9	-73.7	-192.9	0.0
5	63	-225.3	-245.3	3.4	-20.2	-31.1	81.7
	158	2162.5	18.7	45.2	-24.5	-129.4	0.0
	157	-23.5	-18.8	11.1	27.6	128.4	0.0
	96	-1574.6	-8.9	17.3	29.2	-174.8	0.0
6	63	-180.1	-273.1	-11.5	-38.9	-36.6	61.1
	158	1822.6	-13.4	32.9	-40.1	-84.7	0.0
	157	83.1	-6.9	20.0	44.7	98.7	0.0
	96	-1316.4	16.0	37.1	37.6	-121.8	0.0
7	63	-100.2	-281.8	26.0	-17.4	9.7	24.0
	158	1161.7	-220.9	157.6	-3.9	-14.8	0.0
	157	245.8	27.3	79.1	34.3	44.7	0.0
	96	-805.7	147.5	28.0	-2.6	-36.4	0.0
8	63	-76.8	-261.3	73.0	19.6	54.8	12.6
	158	935.3	-366.6	276.9	42.7	0.4	0.0
	157	278.7	44.7	120.8	8.3	28.2	0.0
	96	-626.3	235.3	0.3	-45.5	-16.2	0.0
9	63	-147.3	-177.3	159.9	103.2	119.2	43.9
	158	1407.7	-466.9	442.9	131.0	-78.8	0.0
	157	86.0	39.0	150.2	-59.0	73.4	0.0
	96	-976.4	283.8	-75.0	-113.9	-107.5	0.0
10	63	-102.2	-205.1	145.1	84.5	113.8	23.4
	158	1067.7	-499.1	430.5	115.4	-34.1	0.0
	157	192.6	51.0	159.1	-41.9	43.7	0.0
	96	-718.2	308.7	-55.1	-105.5	-54.5	0.0
11	63	-163.3	-226.0	74.8	32.4	41.7	52.6
	158	1611.0	-242.6	239.8	45.9	-81.7	0.0
	157	87.0	16.5	85.9	-7.2	85.9	0.0
	96	-1143.8	151.3	-19.1	-38.5	-114.4	0.0
12	63	-163.5	-225.7	74.6	32.3	41.6	52.5
	158	1612.5	-241.7	239.1	45.7	-81.7	0.0
	157	86.1	16.4	85.6	-7.2	86.0	0.0
	96	-1144.8	150.8	-19.0	-38.3	-114.5	0.0
13	63	-163.3	-226.0	74.8	32.4	41.7	52.6
	158	1611.0	-242.6	239.8	45.9	-81.7	0.0
	157	87.0	16.5	85.9	-7.2	85.9	0.0
	96	-1143.8	151.3	-19.1	-38.5	-114.4	0.0
14	63	-163.6	-225.5	74.4	32.2	41.5	52.5
	158	1613.6	-241.1	238.6	45.6	-81.7	0.0
	157	85.5	16.2	85.4	-7.2	86.0	0.0
	96	-1145.4	150.4	-19.0	-38.3	-114.6	0.0
15	63	-163.3	-226.0	74.8	32.4	41.7	52.6
	158	1611.0	-242.6	239.8	45.9	-81.7	0.0
	157	87.0	16.5	85.9	-7.2	85.9	0.0
	96	-1143.8	151.3	-19.1	-38.5	-114.4	0.0
16	63	-163.7	-225.3	74.3	32.2	41.4	52.5
	158	1614.6	-240.5	238.1	45.5	-81.7	0.0
	157	84.9	16.1	85.2	-7.2	86.0	0.0
	96	-1146.1	150.0	-19.0	-38.2	-114.6	0.0
1	158	494.1	842.4	-160.8	18.8	54.6	-123.8
	511	2550.9	-23.7	161.4	92.6	309.7	0.0
	510	-513.9	50.6	40.4	-52.8	-135.8	0.0
	157	-2367.4	133.9	-269.1	-48.3	312.9	0.0
2	158	563.1	973.3	-184.3	21.6	62.7	-141.1
	511	2932.7	-27.8	185.0	106.5	351.7	0.0
	510	-587.2	58.6	46.6	-60.6	-155.7	0.0
	157	-2728.2	153.5	-308.6	-55.5	356.4	0.0

3	158	0.6	986.2	-77.6	-9.0	51.5	2.5
	511	2478.5	-86.5	79.6	62.2	171.9	0.0
	510	-625.4	78.2	75.9	-36.3	-20.4	0.0
	157	-2447.1	139.8	-132.0	-45.3	194.6	0.0
4	158	289.4	898.8	-142.3	20.7	81.8	-118.5
	511	2221.1	-17.9	139.7	106.7	272.9	0.0
	510	-549.6	52.6	22.7	-73.6	-138.0	0.0
	157	-2176.3	109.4	-257.7	-83.9	293.5	0.0
5	158	-177.7	883.1	-10.6	-37.8	-1.4	119.1
	511	2498.3	-143.2	18.4	0.7	60.3	0.0
	510	-574.4	89.7	125.3	17.4	100.0	0.0
	157	-2416.6	159.2	7.9	19.3	72.9	0.0
6	158	-41.9	707.4	-18.0	-32.7	-16.5	98.1
	511	2257.9	-123.2	26.2	-7.5	65.6	0.0
	510	-454.8	74.0	114.3	26.2	85.6	0.0
	157	-2119.7	145.5	2.1	35.9	67.4	0.0
7	158	453.5	400.5	-102.1	7.9	1.3	-67.6
	511	1677.2	-19.8	105.5	34.8	189.6	0.0
	510	-226.8	25.7	39.3	-6.9	-68.4	0.0
	157	-1457.4	94.2	-151.4	10.3	176.4	0.0
8	158	742.3	313.1	-166.8	37.7	31.7	-188.6
	511	1419.8	48.9	165.7	79.3	290.6	0.0
	510	-151.0	0.1	-14.0	-44.2	-186.1	0.0
	157	-1186.6	63.8	-277.1	-28.3	275.3	0.0
9	158	784.7	591.9	-226.4	61.3	99.6	-284.2
	511	1640.4	85.6	219.0	149.0	397.0	0.0
	510	-321.6	4.4	-52.3	-106.7	-292.1	0.0
	157	-1513.9	58.1	-411.2	-109.5	402.5	0.0
10	158	920.6	416.2	-233.7	66.4	84.6	-305.3
	511	1400.0	105.6	226.8	140.8	402.3	0.0
	510	-202.0	-11.3	-63.3	-97.9	-306.5	0.0
	157	-1217.0	44.4	-417.0	-92.9	397.1	0.0
11	158	377.8	648.4	-123.3	14.4	41.9	-94.7
	511	1958.8	-18.4	123.8	71.1	236.4	0.0
	510	-393.5	39.0	31.1	-40.5	-104.2	0.0
	157	-1820.0	102.7	-206.4	-37.1	239.2	0.0
12	158	375.4	648.9	-122.9	14.4	41.8	-94.1
	511	1955.2	-18.5	123.3	71.0	234.5	0.0
	510	-391.5	39.1	31.0	-40.4	-103.8	0.0
	157	-1818.8	102.4	-205.7	-37.0	237.6	0.0
13	158	377.8	648.4	-123.3	14.4	41.9	-94.7
	511	1958.8	-18.4	123.8	71.1	236.4	0.0
	510	-393.5	39.0	31.1	-40.5	-104.2	0.0
	157	-1820.0	102.7	-206.4	-37.1	239.2	0.0
14	158	373.8	649.2	-122.6	14.3	41.7	-93.7
	511	1952.8	-18.6	123.0	70.9	233.2	0.0
	510	-390.2	39.1	31.0	-40.3	-103.6	0.0
	157	-1818.0	102.1	-205.2	-36.9	236.6	0.0
15	158	377.8	648.4	-123.3	14.4	41.9	-94.7
	511	1958.8	-18.4	123.8	71.1	236.4	0.0
	510	-393.5	39.0	31.1	-40.5	-104.2	0.0
	157	-1820.0	102.7	-206.4	-37.1	239.2	0.0
16	158	372.2	649.5	-122.3	14.3	41.6	-93.3
	511	1950.4	-18.8	122.7	70.8	231.9	0.0
	510	-388.9	39.2	31.0	-40.3	-103.4	0.0
	157	-1817.2	101.9	-204.8	-36.8	235.5	0.0
1	33	-348.6	325.6	79.7	205.5	-55.3	72.1
	97	936.0	-54.2	160.9	-39.8	-36.0	0.0
	64	294.2	-97.4	-42.2	54.4	68.4	0.0
	16	-97.3	71.9	54.8	34.3	-65.7	0.0
2	33	-401.9	375.9	91.4	235.6	-63.4	83.1
	97	1082.2	-61.9	184.4	-45.7	-41.0	0.0
	64	338.5	-111.8	-48.5	62.3	78.8	0.0
	16	-113.8	82.3	62.8	39.3	-75.3	0.0
3	33	-186.4	210.5	16.8	34.1	-8.5	32.0
	97	579.4	-43.9	113.1	-8.7	-14.3	0.0
	64	299.5	-30.1	17.4	9.7	24.0	0.0
	16	27.2	50.0	-34.0	-2.6	-33.1	0.0
4	33	-153.9	235.1	79.1	221.3	-70.3	21.9
	97	556.5	-112.5	196.5	-42.4	-17.7	0.0
	64	283.5	-99.5	-19.6	54.8	12.6	0.0
	16	41.6	125.6	70.0	49.3	-35.7	0.0
5	33	-292.7	201.2	-47.0	-164.4	61.8	63.6

	97	714.5	62.2	-6.9	27.3	-18.0	0.0
	64	271.9	44.2	38.9	-36.6	61.1	0.0
	16	-67.3	-61.5	-138.9	-61.3	-41.0	0.0
6	33	-351.2	218.0	-39.4	-147.3	60.2	80.6
	97	807.4	84.5	-26.4	24.5	-24.6	0.0
	64	232.1	38.6	20.2	-31.1	81.7	0.0
	16	-134.0	-81.4	-124.7	-59.7	-50.3	0.0
7	33	-381.6	266.3	42.2	91.1	-13.7	88.7
	97	888.9	30.6	48.1	-18.1	-36.4	0.0
	64	166.9	-49.0	-44.7	27.8	92.4	0.0
	16	-195.1	-16.5	13.2	2.8	-64.3	0.0
8	33	-349.0	291.0	104.5	278.4	-75.5	78.6
	97	866.0	-38.0	131.5	-51.8	-39.8	0.0
	64	150.8	-118.4	-81.7	72.9	81.1	0.0
	16	-180.7	59.1	117.3	54.7	-66.9	0.0
9	33	-184.2	283.5	160.7	459.8	-144.2	30.0
	97	638.1	-166.5	270.9	-85.1	-29.5	0.0
	64	218.3	-187.0	-84.5	113.8	23.4	0.0
	16	-19.4	190.5	208.0	111.8	-49.6	0.0
10	33	-242.8	300.2	168.3	476.9	-145.8	47.0
	97	730.9	-144.1	251.4	-87.9	-36.1	0.0
	64	178.5	-192.7	-103.2	119.2	43.9	0.0
	16	-86.1	170.6	222.1	113.4	-59.0	0.0
11	33	-268.0	250.5	61.1	157.6	-42.4	55.4
	97	720.7	-41.5	123.4	-30.5	-27.5	0.0
	64	226.0	-74.8	-32.4	41.7	52.6	0.0
	16	-75.4	55.1	42.0	26.3	-50.4	0.0
12	33	-267.9	250.6	61.0	157.1	-42.2	55.4
	97	721.5	-41.3	123.0	-30.4	-27.4	0.0
	64	225.7	-74.6	-32.3	41.6	52.5	0.0
	16	-75.9	54.9	41.9	26.2	-50.2	0.0
13	33	-268.0	250.5	61.1	157.6	-42.4	55.4
	97	720.7	-41.5	123.4	-30.5	-27.5	0.0
	64	226.0	-74.8	-32.4	41.7	52.6	0.0
	16	-75.4	55.1	42.0	26.3	-50.4	0.0
14	33	-267.8	250.6	60.8	156.8	-42.2	55.3
	97	722.0	-41.2	122.7	-30.4	-27.2	0.0
	64	225.5	-74.4	-32.2	41.5	52.5	0.0
	16	-76.2	54.8	41.8	26.1	-50.1	0.0
15	33	-268.0	250.5	61.1	157.6	-42.4	55.4
	97	720.7	-41.5	123.4	-30.5	-27.5	0.0
	64	226.0	-74.8	-32.4	41.7	52.6	0.0
	16	-75.4	55.1	42.0	26.3	-50.4	0.0
16	33	-267.8	250.7	60.7	156.4	-42.1	55.3
	97	722.5	-41.0	122.4	-30.3	-27.1	0.0
	64	225.3	-74.3	-32.2	41.4	52.5	0.0
	16	-76.6	54.6	41.7	26.1	-50.0	0.0
1	97	-526.1	-1485.7	197.3	-24.9	50.1	148.6
	163	114.1	21.7	112.0	9.4	-111.6	0.0
	162	2092.3	-316.4	312.7	-59.9	106.2	0.0
	64	-294.2	97.4	42.2	-54.4	-68.4	0.0
2	97	-608.6	-1717.2	226.1	-28.5	57.5	171.8
	163	129.1	24.5	128.4	10.8	-128.9	0.0
	162	2418.8	-362.5	358.6	-68.6	122.6	0.0
	64	-338.5	111.8	48.5	-62.3	-78.8	0.0
3	97	-209.4	-805.8	147.5	28.0	2.6	36.4
	163	245.8	27.3	79.1	-34.3	-44.7	0.0
	162	1161.7	-220.9	157.6	3.9	14.8	0.0
	64	-281.7	26.0	-17.4	-9.7	-24.0	0.0
4	97	-146.0	-626.3	235.3	0.3	45.5	16.2
	163	278.7	44.7	120.8	-8.3	-28.2	0.0
	162	935.3	-366.6	276.9	-42.7	-0.4	0.0
	64	-261.3	73.0	19.6	-54.8	-12.6	0.0
5	97	-443.5	-1316.4	16.0	37.1	-37.6	121.8
	163	83.1	-6.9	20.0	-44.7	-98.7	0.0
	162	1822.6	-13.4	32.9	40.1	84.7	0.0
	64	-273.1	-11.5	-38.9	36.6	-61.1	0.0
6	97	-580.8	-1574.6	-9.0	17.3	-29.2	174.8
	163	-23.5	-18.8	11.1	-27.6	-128.4	0.0
	162	2162.6	18.8	45.2	24.5	129.4	0.0
	64	-245.3	3.4	-20.2	31.1	-81.7	0.0
7	97	-667.2	-1666.5	64.4	-38.2	30.8	213.1
	163	-109.6	-12.5	49.3	22.6	-143.9	0.0

	162	2295.0	-113.7	198.8	-48.2	163.9	0.0
	64	-189.0	75.5	44.7	-27.8	-92.4	0.0
8	97	-603.9	-1487.0	152.3	-65.9	73.7	192.9
	163	-76.7	4.8	91.1	48.6	-127.4	0.0
	162	2068.6	-259.4	318.1	-94.8	148.7	0.0
	64	-168.6	122.4	81.7	-72.9	-81.1	0.0
9	97	-232.4	-718.2	308.7	-55.1	105.5	54.5
	163	192.6	51.0	159.1	41.9	-43.7	0.0
	162	1067.8	-499.1	430.5	-115.4	34.1	0.0
	64	-205.1	145.1	84.5	-113.8	-23.4	0.0
10	97	-369.8	-976.4	283.8	-75.0	113.9	107.5
	163	86.0	39.0	150.2	59.0	-73.4	0.0
	162	1407.7	-467.0	442.9	-131.0	78.8	0.0
	64	-177.3	159.9	103.2	-119.2	-43.9	0.0
11	97	-405.2	-1143.8	151.3	-19.1	38.5	114.4
	163	86.9	16.5	85.9	7.2	-85.9	0.0
	162	1611.0	-242.6	239.8	-45.9	81.7	0.0
	64	-226.0	74.8	32.4	-41.7	-52.6	0.0
12	97	-405.7	-1144.8	150.8	-19.0	38.3	114.5
	163	86.0	16.4	85.6	7.2	-86.0	0.0
	162	1612.5	-241.7	239.1	-45.7	81.7	0.0
	64	-225.7	74.6	32.3	-41.6	-52.5	0.0
13	97	-405.2	-1143.8	151.3	-19.1	38.5	114.4
	163	86.9	16.5	85.9	7.2	-85.9	0.0
	162	1611.0	-242.6	239.8	-45.9	81.7	0.0
	64	-226.0	74.8	32.4	-41.7	-52.6	0.0
14	97	-406.1	-1145.4	150.4	-19.0	38.3	114.6
	163	85.4	16.2	85.4	7.2	-86.0	0.0
	162	1613.6	-241.1	238.6	-45.6	81.7	0.0
	64	-225.5	74.4	32.2	-41.5	-52.5	0.0
15	97	-405.2	-1143.8	151.3	-19.1	38.5	114.4
	163	86.9	16.5	85.9	7.2	-85.9	0.0
	162	1611.0	-242.6	239.8	-45.9	81.7	0.0
	64	-226.0	74.8	32.4	-41.7	-52.6	0.0
16	97	-406.5	-1146.1	150.0	-19.0	38.2	114.6
	163	84.8	16.1	85.2	7.2	-86.0	0.0
	162	1614.6	-240.5	238.1	-45.5	81.7	0.0
	64	-225.3	74.3	32.2	-41.4	-52.5	0.0
1	163	260.0	-2367.4	133.9	-269.1	48.3	-312.9
	516	-513.9	50.6	40.4	52.8	135.8	0.0
	515	2550.8	-23.7	161.4	-92.6	-309.7	0.0
	162	842.4	-160.8	18.8	-54.6	123.8	0.0
2	163	290.1	-2728.2	153.5	-308.6	55.5	-356.4
	516	-587.2	58.6	46.6	60.6	155.7	0.0
	515	2932.7	-27.8	185.0	-106.5	-351.7	0.0
	162	973.3	-184.3	21.6	-62.7	141.1	0.0
3	163	324.7	-1457.4	94.2	-151.4	-10.3	-176.4
	516	-226.8	25.7	39.3	6.9	68.4	0.0
	515	1677.2	-19.8	105.5	-34.8	-189.6	0.0
	162	400.5	-102.1	7.9	-1.3	67.6	0.0
4	163	631.9	-1186.6	63.9	-277.1	28.3	-275.3
	516	-151.0	0.1	-14.0	44.2	186.1	0.0
	515	1419.8	48.9	165.7	-79.3	-290.6	0.0
	162	313.1	-166.8	37.7	-31.7	188.6	0.0
5	163	-237.1	-2119.7	145.5	2.1	-35.9	-67.4
	516	-454.8	74.0	114.3	-26.2	-85.6	0.0
	515	2257.8	-123.2	26.2	7.5	-65.6	0.0
	162	707.4	-18.0	-32.7	16.5	-98.1	0.0
6	163	-411.4	-2416.6	159.2	7.9	-19.3	-72.9
	516	-574.4	89.7	125.3	-17.4	-100.0	0.0
	515	2498.2	-143.2	18.4	-0.7	-60.3	0.0
	162	883.1	-10.7	-37.8	1.4	-119.1	0.0
7	163	-256.4	-2447.1	139.8	-132.0	45.3	-194.6
	516	-625.4	78.2	75.9	36.3	20.4	0.0
	515	2478.5	-86.5	79.6	-62.2	-171.9	0.0
	162	986.2	-77.6	-9.0	-51.5	-2.5	0.0
8	163	50.9	-2176.2	109.4	-257.7	83.9	-293.5
	516	-549.6	52.6	22.7	73.6	138.0	0.0
	515	2221.1	-17.9	139.7	-106.7	-272.9	0.0
	162	898.8	-142.3	20.7	-81.8	118.5	0.0
9	163	787.0	-1217.0	44.4	-417.0	92.9	-397.1
	516	-202.0	-11.4	-63.3	97.9	306.5	0.0
	515	1400.0	105.6	226.8	-140.8	-402.3	0.0

	162	416.2	-233.7	66.4	-84.6	305.3	0.0
10	163	612.7	-1513.9	58.1	-411.2	109.5	-402.5
	516	-321.6	4.4	-52.3	106.7	292.1	0.0
	515	1640.4	85.6	219.0	-149.0	-397.0	0.0
	162	591.9	-226.4	61.3	-99.6	284.2	0.0
11	163	196.8	-1820.0	102.7	-206.4	37.1	-239.2
	516	-393.5	39.0	31.1	40.5	104.2	0.0
	515	1958.8	-18.4	123.8	-71.1	-236.4	0.0
	162	648.4	-123.3	14.4	-41.9	94.7	0.0
12	163	193.4	-1818.8	102.4	-205.7	37.0	-237.6
	516	-391.5	39.1	31.0	40.4	103.8	0.0
	515	1955.1	-18.5	123.3	-71.0	-234.5	0.0
	162	648.9	-122.9	14.4	-41.8	94.1	0.0
13	163	196.8	-1820.0	102.7	-206.4	37.1	-239.2
	516	-393.5	39.0	31.1	40.5	104.2	0.0
	515	1958.8	-18.4	123.8	-71.1	-236.4	0.0
	162	648.4	-123.3	14.4	-41.9	94.7	0.0
14	163	191.2	-1818.0	102.1	-205.2	36.9	-236.6
	516	-390.2	39.1	31.0	40.3	103.6	0.0
	515	1952.7	-18.6	123.0	-70.9	-233.2	0.0
	162	649.2	-122.6	14.3	-41.7	93.7	0.0
15	163	196.8	-1820.0	102.7	-206.4	37.1	-239.2
	516	-393.5	39.0	31.1	40.5	104.2	0.0
	515	1958.8	-18.4	123.8	-71.1	-236.4	0.0
	162	648.4	-123.3	14.4	-41.9	94.7	0.0
16	163	188.9	-1817.2	101.9	-204.8	36.8	-235.5
	516	-388.8	39.2	31.0	40.3	103.4	0.0
	515	1950.3	-18.8	122.7	-70.8	-231.9	0.0
	162	649.5	-122.3	14.3	-41.6	93.3	0.0
1	17	-78.3	168.3	100.6	195.5	-56.4	-11.8
	65	716.2	30.1	156.0	-41.1	9.7	0.0
	97	545.1	-146.6	-77.5	40.2	-29.1	0.0
	33	28.8	15.9	17.3	24.6	-10.6	0.0
2	17	-92.1	190.5	115.4	224.2	-64.6	-13.5
	65	822.1	34.5	178.8	-47.2	10.6	0.0
	97	634.4	-168.2	-88.8	46.1	-33.7	0.0
	33	35.8	18.3	19.9	28.2	-12.6	0.0
3	17	-53.4	188.5	51.4	76.5	-7.9	-0.4
	65	544.9	92.7	102.1	-11.0	16.1	0.0
	97	341.6	-97.7	-40.7	7.8	-11.2	0.0
	33	49.1	-44.4	-30.7	-5.8	1.2	0.0
4	17	-57.2	263.3	110.8	263.1	-68.8	3.8
	65	598.0	49.3	188.4	-39.0	5.9	0.0
	97	250.6	-165.9	-112.2	45.4	-4.8	0.0
	33	11.9	4.1	36.1	39.9	-10.9	0.0
5	17	-53.9	30.5	-21.1	-156.0	60.1	-12.6
	65	465.0	109.6	-17.3	17.4	25.0	0.0
	97	538.7	-3.9	55.1	-33.4	-28.8	0.0
	33	88.8	-78.4	-101.2	-58.0	12.6	0.0
6	17	-58.2	-30.1	-23.9	-168.7	57.3	-19.0
	65	449.5	80.7	-33.3	13.6	22.4	0.0
	97	616.6	8.3	65.6	-31.0	-37.5	0.0
	33	85.7	-59.0	-94.9	-57.0	10.4	0.0
7	17	-67.7	-13.6	42.2	34.2	-16.9	-21.7
	65	493.3	-3.6	48.8	-23.5	7.5	0.0
	97	601.5	-57.1	-5.5	15.7	-40.2	0.0
	33	38.7	20.2	-9.6	-2.5	-6.3	0.0
8	17	-71.6	61.2	101.6	220.8	-77.8	-17.6
	65	546.4	-47.0	135.1	-51.6	-2.6	0.0
	97	510.6	-125.4	-77.0	53.4	-33.9	0.0
	33	1.5	68.6	57.1	43.2	-18.4	0.0
9	17	-66.7	279.8	176.9	466.1	-143.1	1.1
	65	641.8	-35.0	270.5	-76.1	-9.0	0.0
	97	235.5	-231.4	-183.3	92.1	-7.5	0.0
	33	-35.1	83.2	121.4	94.4	-27.6	0.0
10	17	-71.0	219.2	174.2	453.4	-145.8	-5.3
	65	626.4	-63.9	254.5	-79.9	-11.5	0.0
	97	313.5	-219.2	-172.8	94.5	-16.2	0.0
	33	-38.2	102.6	127.7	95.4	-29.9	0.0
11	17	-60.8	128.3	77.2	149.9	-43.2	-9.0
	65	549.6	23.1	119.6	-31.5	7.3	0.0
	97	421.1	-112.5	-59.4	30.9	-22.4	0.0
	33	23.0	12.2	13.3	18.9	-8.3	0.0

12	17	-61.4	127.0	76.9	149.5	-43.1	-9.0
	65	548.1	23.0	119.2	-31.4	7.1	0.0
	97	422.9	-112.1	-59.2	30.7	-22.4	0.0
	33	23.9	12.2	13.3	18.8	-8.4	0.0
13	17	-60.8	128.3	77.2	149.9	-43.2	-9.0
	65	549.6	23.1	119.6	-31.5	7.3	0.0
	97	421.1	-112.5	-59.4	30.9	-22.4	0.0
	33	23.0	12.2	13.3	18.9	-8.3	0.0
14	17	-61.8	126.1	76.8	149.1	-43.0	-9.0
	65	547.1	22.9	119.0	-31.4	6.9	0.0
	97	424.2	-111.9	-59.1	30.7	-22.5	0.0
	33	24.4	12.2	13.3	18.8	-8.5	0.0
15	17	-60.8	128.3	77.2	149.9	-43.2	-9.0
	65	549.6	23.1	119.6	-31.5	7.3	0.0
	97	421.1	-112.5	-59.4	30.9	-22.4	0.0
	33	23.0	12.2	13.3	18.9	-8.3	0.0
16	17	-62.3	125.3	76.6	148.8	-42.9	-9.0
	65	546.1	22.9	118.7	-31.3	6.8	0.0
	97	425.4	-111.6	-58.9	30.6	-22.5	0.0
	33	25.0	12.1	13.2	18.7	-8.6	0.0
1	65	-585.7	-1482.4	127.2	-27.9	37.2	114.7
	164	-166.2	-22.5	116.1	14.4	-119.4	0.0
	163	2070.4	-108.2	166.3	-27.2	69.7	0.0
	97	4.7	3.5	-58.5	-50.6	-83.5	0.0
2	65	-677.8	-1708.0	145.7	-32.1	42.6	133.0
	164	-182.5	-25.8	133.0	16.5	-138.0	0.0
	163	2382.2	-123.9	190.7	-31.1	81.7	0.0
	97	0.6	4.0	-67.1	-58.0	-97.1	0.0
3	65	-194.1	-853.7	92.6	12.3	-11.0	13.5
	164	1.6	17.7	78.1	-31.5	-33.5	0.0
	163	1258.2	-59.6	87.2	29.7	-16.5	0.0
	97	-78.0	-12.9	-47.2	-1.5	-10.7	0.0
4	65	-115.0	-635.1	150.4	-12.2	30.8	-3.1
	164	112.7	-2.0	113.7	-1.2	-11.9	0.0
	163	992.2	-128.9	150.9	-9.4	-28.0	0.0
	97	-142.1	0.6	-71.7	-48.3	6.5	0.0
5	65	-495.3	-1383.9	7.6	25.9	-46.9	91.7
	164	-249.6	23.1	31.2	-47.7	-107.3	0.0
	163	1889.8	29.7	18.0	53.8	51.2	0.0
	97	72.2	-22.5	-8.0	43.6	-74.8	0.0
6	65	-674.3	-1619.6	-7.3	13.1	-35.9	142.1
	164	-353.7	8.1	26.6	-31.3	-149.0	0.0
	163	2165.2	37.1	22.4	35.3	97.6	0.0
	97	136.8	-17.2	0.9	35.5	-112.6	0.0
7	65	-790.9	-1639.5	42.7	-30.5	25.7	181.3
	164	-345.7	-32.3	62.6	23.0	-172.4	0.0
	163	2176.3	-35.2	101.9	-31.8	138.4	0.0
	97	137.3	4.6	-17.3	-28.6	-136.7	0.0
8	65	-711.8	-1420.8	100.5	-54.9	67.5	164.6
	164	-234.5	-52.0	98.2	53.3	-150.8	0.0
	163	1910.3	-104.4	165.7	-70.9	126.8	0.0
	97	73.2	18.1	-41.8	-75.4	-119.5	0.0
9	65	-231.6	-654.9	200.4	-55.7	92.4	36.1
	164	120.8	-42.4	149.7	53.1	-35.3	0.0
	163	1003.2	-201.1	230.5	-76.5	12.8	0.0
	97	-141.5	22.5	-89.9	-112.3	-17.6	0.0
10	65	-410.6	-890.6	185.5	-68.6	103.4	86.4
	164	16.6	-57.4	145.1	69.5	-77.0	0.0
	163	1278.6	-193.8	234.9	-95.0	59.2	0.0
	97	-76.9	27.7	-81.0	-120.5	-55.4	0.0
11	65	-451.2	-1139.5	97.5	-21.4	28.5	88.5
	164	-124.8	-17.3	89.0	11.0	-91.9	0.0
	163	1590.4	-82.9	127.5	-20.8	54.0	0.0
	97	2.0	2.7	-44.9	-38.8	-64.5	0.0
12	65	-451.8	-1138.7	97.1	-21.4	28.4	88.7
	164	-121.7	-17.2	88.7	11.0	-92.0	0.0
	163	1588.1	-82.6	127.1	-20.7	54.5	0.0
	97	0.4	2.6	-44.7	-38.7	-64.7	0.0
13	65	-451.2	-1139.5	97.5	-21.4	28.5	88.5
	164	-124.8	-17.3	89.0	11.0	-91.9	0.0
	163	1590.4	-82.9	127.5	-20.8	54.0	0.0
	97	2.0	2.7	-44.9	-38.8	-64.5	0.0
14	65	-452.3	-1138.1	96.9	-21.4	28.3	88.9

	164	-119.6	-17.2	88.5	11.0	-92.1	0.0
	163	1586.6	-82.4	126.9	-20.7	54.8	0.0
	97	-0.7	2.6	-44.6	-38.6	-64.9	0.0
15	65	-451.2	-1139.5	97.5	-21.4	28.5	88.5
	164	-124.8	-17.3	89.0	11.0	-91.9	0.0
	163	1590.4	-82.9	127.5	-20.8	54.0	0.0
	97	2.0	2.7	-44.9	-38.8	-64.5	0.0
16	65	-452.7	-1137.5	96.7	-21.3	28.3	89.0
	164	-117.5	-17.2	88.3	10.9	-92.1	0.0
	163	1585.0	-82.1	126.6	-20.6	55.0	0.0
	97	-1.8	2.6	-44.6	-38.5	-65.0	0.0
1	164	123.6	-1801.6	14.0	-257.6	54.0	-189.1
	517	825.8	62.9	-16.0	43.0	461.4	0.0
	516	1304.8	-29.4	222.7	-85.7	-111.9	0.0
	163	182.9	-47.4	-9.2	-30.6	354.8	0.0
2	164	135.2	-2079.3	16.1	-295.3	62.0	-215.7
	517	932.0	72.1	-18.1	49.6	524.5	0.0
	516	1521.0	-34.1	255.4	-98.5	-128.2	0.0
	163	217.0	-54.2	-10.5	-35.2	403.6	0.0
3	164	194.3	-1126.1	14.8	-129.5	-2.8	-101.8
	517	769.5	36.2	-1.1	5.1	319.7	0.0
	516	783.9	-24.5	145.6	-31.8	-48.2	0.0
	163	-25.0	0.8	-8.8	15.1	242.2	0.0
4	164	499.8	-906.1	-8.5	-247.4	38.3	-207.8
	517	677.4	19.6	-58.1	37.9	402.0	0.0
	516	681.2	35.6	223.6	-73.9	-165.4	0.0
	163	-59.2	-36.2	13.9	-10.1	337.1	0.0
5	164	-345.0	-1642.1	47.2	3.1	-34.3	30.6
	517	797.2	69.5	77.9	-25.1	212.6	0.0
	516	1106.9	-114.5	44.0	8.4	103.8	0.0
	163	148.1	31.1	-41.9	26.3	114.8	0.0
6	164	-501.7	-1864.4	51.7	-1.3	-20.3	38.1
	517	728.8	81.5	88.5	-18.2	203.3	0.0
	516	1281.0	-131.5	34.9	0.8	116.9	0.0
	163	262.2	20.2	-47.6	10.7	100.5	0.0
7	164	-328.1	-1867.0	30.0	-144.0	44.1	-76.9
	517	541.5	76.1	34.4	28.2	288.4	0.0
	516	1364.4	-81.1	115.1	-57.1	-4.5	0.0
	163	355.3	-35.6	-27.8	-36.7	194.5	0.0
8	164	-22.6	-1647.0	6.7	-262.0	85.1	-183.0
	517	449.4	59.5	-22.7	61.0	370.8	0.0
	516	1261.7	-21.0	193.1	-99.2	-121.7	0.0
	163	321.1	-72.5	-5.1	-61.8	289.4	0.0
9	164	673.4	-908.7	-30.2	-390.1	102.6	-322.8
	517	490.2	14.2	-112.3	84.3	487.2	0.0
	516	764.6	86.0	303.8	-131.8	-286.8	0.0
	163	33.9	-92.0	33.7	-57.5	431.1	0.0
10	164	516.7	-1131.0	-25.7	-394.5	116.6	-315.4
	517	421.8	26.2	-101.6	91.2	477.8	0.0
	516	938.7	69.0	294.7	-139.4	-273.7	0.0
	163	148.0	-102.9	28.0	-73.0	416.8	0.0
11	164	92.7	-1386.0	10.8	-197.5	41.4	-144.6
	517	628.5	48.2	-12.2	33.1	352.3	0.0
	516	1008.7	-22.7	170.8	-65.8	-85.8	0.0
	163	142.6	-36.3	-7.1	-23.5	271.1	0.0
12	164	90.1	-1386.2	10.8	-196.8	41.3	-143.8
	517	621.3	48.1	-12.1	33.1	349.7	0.0
	516	1014.0	-22.7	170.2	-65.7	-85.5	0.0
	163	144.6	-36.1	-7.0	-23.4	269.1	0.0
13	164	92.7	-1386.0	10.8	-197.5	41.4	-144.6
	517	628.5	48.2	-12.2	33.1	352.3	0.0
	516	1008.7	-22.7	170.8	-65.8	-85.8	0.0
	163	142.6	-36.3	-7.1	-23.5	271.1	0.0
14	164	88.4	-1386.4	10.8	-196.4	41.3	-143.2
	517	616.6	48.0	-12.0	33.1	347.9	0.0
	516	1017.5	-22.7	169.9	-65.6	-85.3	0.0
	163	146.0	-36.0	-7.0	-23.4	267.8	0.0
15	164	92.7	-1386.0	10.8	-197.5	41.4	-144.6
	517	628.5	48.2	-12.2	33.1	352.3	0.0
	516	1008.7	-22.7	170.8	-65.8	-85.8	0.0
	163	142.6	-36.3	-7.1	-23.5	271.1	0.0
16	164	86.7	-1386.5	10.8	-195.9	41.2	-142.7
	517	611.8	47.9	-11.9	33.1	346.1	0.0

	516	1021.0	-22.7	169.5	-65.5	-85.0	0.0
	163	147.4	-35.9	-7.0	-23.4	266.5	0.0
1	34	-238.5	64.7	238.8	425.4	-91.7	3.5
	98	1408.3	-91.1	265.7	-49.2	-17.9	0.0
	65	2346.6	-275.1	8.1	40.6	-255.1	0.0
	17	555.7	127.5	216.4	-10.3	-127.5	0.0
2	34	-275.6	73.6	273.7	487.7	-105.1	4.5
	98	1629.5	-104.6	304.5	-56.4	-19.6	0.0
	65	2707.3	-315.3	9.4	46.5	-293.5	0.0
	17	638.0	146.2	248.2	-11.8	-146.6	0.0
3	34	-130.3	232.6	122.8	136.7	-43.4	-0.2
	98	1086.0	-44.6	197.6	-70.7	45.7	0.0
	65	1560.3	-145.3	94.6	15.0	-169.9	0.0
	17	470.8	63.3	43.0	-11.1	-55.7	0.0
4	34	-72.1	457.0	269.0	566.8	-118.3	-5.5
	98	1273.4	-180.8	301.4	-51.4	35.0	0.0
	65	1270.2	-303.4	-3.9	56.2	-147.9	0.0
	17	348.6	207.8	326.1	12.5	-83.1	0.0
5	34	-256.0	-236.7	-58.1	-385.0	51.8	10.2
	98	803.8	144.7	43.1	-76.6	21.1	0.0
	65	2171.4	49.9	182.2	-36.4	-220.9	0.0
	17	623.1	-132.2	-301.3	-44.6	-43.3	0.0
6	34	-305.7	-414.5	-66.8	-402.0	58.5	13.9
	98	749.4	170.7	14.5	-62.4	-10.6	0.0
	65	2405.1	59.1	158.8	-39.3	-242.7	0.0
	17	631.4	-155.3	-313.2	-49.7	-60.0	0.0
7	34	-295.7	-360.2	93.7	79.8	-21.1	12.0
	98	904.5	42.0	102.2	-23.3	-60.0	0.0
	65	2339.3	-114.6	16.5	5.5	-242.5	0.0
	17	498.5	-13.7	3.2	-28.1	-111.6	0.0
8	34	-237.5	-135.8	240.0	509.9	-96.0	6.7
	98	1091.9	-94.2	206.0	-4.0	-70.7	0.0
	65	2049.2	-272.8	-82.1	46.7	-220.5	0.0
	17	376.2	130.8	286.3	-4.5	-139.1	0.0
9	34	-62.2	511.3	429.5	1048.7	-197.8	-7.4
	98	1428.5	-309.5	389.1	-12.2	-14.4	0.0
	65	1204.5	-477.2	-146.2	101.0	-147.7	0.0
	17	215.6	349.4	642.5	34.1	-134.7	0.0
10	34	-111.8	333.4	420.8	1031.6	-191.1	-3.7
	98	1374.1	-283.5	360.5	2.0	-46.1	0.0
	65	1438.1	-468.0	-169.7	98.1	-169.5	0.0
	17	223.9	326.3	630.6	29.0	-151.5	0.0
11	34	-183.6	49.4	183.1	326.2	-70.3	2.8
	98	1084.8	-69.9	203.7	-37.7	-13.5	0.0
	65	1805.0	-210.9	6.2	31.1	-196.0	0.0
	17	426.4	97.8	166.0	-7.9	-97.9	0.0
12	34	-183.7	49.0	182.4	325.1	-70.1	3.0
	98	1086.4	-69.7	203.0	-37.6	-13.1	0.0
	65	1804.9	-210.2	6.2	31.0	-195.7	0.0
	17	425.3	97.5	165.5	-7.9	-97.7	0.0
13	34	-183.6	49.4	183.1	326.2	-70.3	2.8
	98	1084.8	-69.9	203.7	-37.7	-13.5	0.0
	65	1805.0	-210.9	6.2	31.1	-196.0	0.0
	17	426.4	97.8	166.0	-7.9	-97.9	0.0
14	34	-183.8	48.8	182.0	324.4	-69.9	3.1
	98	1087.4	-69.6	202.5	-37.5	-12.9	0.0
	65	1804.8	-209.7	6.3	30.9	-195.5	0.0
	17	424.6	97.3	165.2	-7.9	-97.6	0.0
15	34	-183.6	49.4	183.1	326.2	-70.3	2.8
	98	1084.8	-69.9	203.7	-37.7	-13.5	0.0
	65	1805.0	-210.9	6.2	31.1	-196.0	0.0
	17	426.4	97.8	166.0	-7.9	-97.9	0.0
16	34	-183.9	48.5	181.6	323.7	-69.7	3.2
	98	1088.4	-69.5	202.0	-37.4	-12.6	0.0
	65	1804.8	-209.3	6.3	30.9	-195.3	0.0
	17	423.9	97.1	164.8	-7.8	-97.4	0.0
1	98	-869.6	-2090.5	92.4	-162.9	45.8	-22.3
	165	2325.7	-120.9	223.0	39.5	192.7	0.0
	164	2624.9	-89.3	391.4	-27.4	30.7	0.0
	65	-1580.5	117.8	-136.1	-36.6	130.7	0.0
2	98	-1003.1	-2418.4	106.1	-186.7	52.6	-27.5
	165	2674.9	-138.8	255.9	45.3	220.4	0.0

	164	3041.5	-102.4	448.8	-31.4	31.6	0.0
	65	-1821.5	135.1	-156.1	-42.0	149.9	0.0
3	98	-315.5	-1296.8	-0.0	-130.4	-8.6	-77.8
	165	1879.3	-17.4	115.4	-1.7	195.2	0.0
	164	1665.7	9.9	212.5	42.1	-42.6	0.0
	65	-1314.9	22.4	-114.3	19.3	142.1	0.0
4	98	-160.6	-1002.1	97.8	-185.5	43.1	-84.4
	165	1826.6	-70.8	200.9	32.2	186.0	0.0
	164	1376.0	-105.3	354.6	-18.2	-59.0	0.0
	65	-1270.6	88.2	-175.8	-35.6	149.7	0.0
5	98	-797.6	-1967.1	-99.1	-42.3	-56.6	-26.7
	165	1888.7	11.3	23.9	-30.8	174.6	0.0
	164	2363.7	130.2	56.5	89.6	25.4	0.0
	65	-1311.0	-30.3	-13.5	69.6	100.7	0.0
6	98	-1055.9	-2247.0	-86.1	-21.7	-46.0	10.3
	165	1843.9	-17.5	30.9	-22.0	147.8	0.0
	164	2672.2	118.1	64.9	69.9	67.2	0.0
	65	-1263.2	-9.7	11.4	57.8	72.8	0.0
7	98	-1176.6	-2229.6	43.1	-62.0	26.7	45.7
	165	1730.1	-113.5	138.7	27.9	105.6	0.0
	164	2694.1	-30.5	240.6	-23.5	96.9	0.0
	65	-1155.7	91.0	-31.2	-20.0	49.1	0.0
8	98	-1021.7	-1934.9	141.0	-117.0	78.4	39.0
	165	1677.4	-166.9	224.2	61.8	96.4	0.0
	164	2404.4	-145.8	382.7	-83.9	80.4	0.0
	65	-1111.4	156.8	-92.7	-75.0	56.6	0.0
9	98	-281.3	-984.7	227.1	-225.7	115.8	-49.1
	165	1712.8	-166.8	308.7	82.1	143.8	0.0
	164	1397.9	-253.9	530.2	-111.6	-29.4	0.0
	65	-1163.1	189.0	-218.4	-113.5	125.9	0.0
10	98	-539.6	-1264.6	240.0	-205.2	126.4	-12.0
	165	1668.1	-195.6	315.7	91.0	117.0	0.0
	164	1706.4	-266.0	538.6	-131.3	12.4	0.0
	65	-1115.4	209.5	-193.5	-125.3	98.0	0.0
11	98	-668.8	-1610.1	70.9	-124.9	35.1	-17.7
	165	1786.2	-92.8	171.1	30.3	147.6	0.0
	164	2023.3	-68.5	300.1	-21.0	22.4	0.0
	65	-1215.1	90.4	-104.4	-28.1	100.2	0.0
12	98	-668.8	-1612.3	70.7	-124.5	35.0	-18.4
	165	1783.3	-92.5	170.6	30.2	146.9	0.0
	164	2027.7	-68.3	299.2	-21.0	21.1	0.0
	65	-1214.3	90.1	-104.1	-28.0	99.9	0.0
13	98	-668.8	-1610.1	70.9	-124.9	35.1	-17.7
	165	1786.2	-92.8	171.1	30.3	147.6	0.0
	164	2023.3	-68.5	300.1	-21.0	22.4	0.0
	65	-1215.1	90.4	-104.4	-28.1	100.2	0.0
14	98	-668.7	-1613.7	70.6	-124.2	35.0	-18.8
	165	1781.3	-92.4	170.3	30.2	146.5	0.0
	164	2030.6	-68.1	298.5	-20.9	20.2	0.0
	65	-1213.9	89.9	-103.8	-27.9	99.7	0.0
15	98	-668.8	-1610.1	70.9	-124.9	35.1	-17.7
	165	1786.2	-92.8	171.1	30.3	147.6	0.0
	164	2023.3	-68.5	300.1	-21.0	22.4	0.0
	65	-1215.1	90.4	-104.4	-28.1	100.2	0.0
16	98	-668.6	-1615.1	70.5	-123.9	34.9	-19.2
	165	1779.3	-92.2	170.0	30.1	146.0	0.0
	164	2033.6	-68.0	297.9	-20.9	19.4	0.0
	65	-1213.4	89.7	-103.6	-27.9	99.5	0.0
1	165	-811.6	-2846.0	99.9	-345.9	151.2	-211.6
	518	284.1	-154.2	495.0	82.1	-71.9	0.0
	517	4754.6	-43.5	456.6	-151.5	-381.6	0.0
	164	-657.1	97.8	-249.8	-41.0	277.8	0.0
2	165	-928.3	-3277.9	114.3	-396.9	173.3	-244.3
	518	379.1	-176.5	567.3	94.0	-72.3	0.0
	517	5450.3	-49.9	523.7	-173.7	-435.3	0.0
	164	-779.7	112.1	-286.5	-47.1	322.1	0.0
3	165	-544.6	-2032.6	82.6	-149.7	63.2	-103.4
	518	228.9	-101.6	338.2	30.9	-89.7	0.0
	517	3506.7	-68.8	241.5	-90.8	-260.5	0.0
	164	-576.8	159.9	-143.1	-6.9	182.2	0.0
4	165	-134.0	-1663.6	23.0	-332.3	148.5	-199.8
	518	427.7	-204.0	264.5	80.8	41.4	0.0
	517	2980.5	77.4	369.7	-118.4	-343.9	0.0

	164	-624.7	104.4	-204.9	-17.7	281.5	0.0
5	165	-1216.0	-2696.7	168.1	47.7	-30.0	1.0
	518	-35.4	43.0	476.3	-22.8	-255.3	0.0
	517	4379.3	-265.5	121.1	-65.9	-152.7	0.0
	164	-472.8	184.2	-82.3	-7.5	54.9	0.0
6	165	-1380.9	-2897.0	181.8	34.3	-24.6	-5.8
	518	-63.2	64.6	521.1	-18.9	-266.0	0.0
	517	4601.0	-288.0	146.1	-72.3	-143.8	0.0
	164	-431.6	149.5	-91.9	-18.9	45.1	0.0
7	165	-1094.4	-2700.1	128.3	-194.3	81.3	-126.2
	518	136.2	-29.6	487.5	43.8	-125.7	0.0
	517	4245.7	-143.7	324.9	-111.9	-230.8	0.0
	164	-439.4	44.3	-175.2	-44.7	149.7	0.0
8	165	-683.8	-2331.1	68.8	-376.9	166.6	-222.6
	518	335.0	-132.0	413.9	93.7	5.5	0.0
	517	3719.5	2.5	453.0	-139.5	-314.2	0.0
	164	-487.3	-11.2	-236.9	-55.5	249.0	0.0
9	165	152.5	-1466.7	-30.5	-560.9	254.4	-320.2
	518	627.2	-298.3	230.9	143.5	181.8	0.0
	517	2625.3	221.7	548.4	-158.0	-430.8	0.0
	164	-632.5	-0.9	-288.2	-43.5	386.1	0.0
10	165	-12.4	-1667.0	-16.7	-574.3	259.8	-327.1
	518	599.4	-276.7	275.7	147.4	171.0	0.0
	517	2847.0	199.2	573.4	-164.3	-421.9	0.0
	164	-591.2	-35.5	-297.8	-54.9	376.3	0.0
11	165	-621.6	-2187.3	76.5	-265.4	116.0	-162.8
	518	235.2	-118.1	379.5	62.9	-51.9	0.0
	517	3645.8	-33.4	350.2	-116.2	-291.9	0.0
	164	-512.4	75.0	-191.6	-31.5	214.2	0.0
12	165	-618.8	-2185.2	76.2	-264.6	115.6	-162.9
	518	252.7	-117.7	378.2	62.7	-48.2	0.0
	517	3633.5	-33.3	349.1	-115.8	-290.2	0.0
	164	-519.8	74.7	-191.0	-31.4	214.7	0.0
13	165	-621.6	-2187.3	76.5	-265.4	116.0	-162.8
	518	235.2	-118.1	379.5	62.9	-51.9	0.0
	517	3645.8	-33.4	350.2	-116.2	-291.9	0.0
	164	-512.4	75.0	-191.6	-31.5	214.2	0.0
14	165	-617.0	-2183.9	76.0	-264.1	115.3	-162.9
	518	264.4	-117.3	377.3	62.5	-45.8	0.0
	517	3625.4	-33.2	348.4	-115.5	-289.1	0.0
	164	-524.7	74.6	-190.6	-31.3	215.1	0.0
15	165	-621.6	-2187.3	76.5	-265.4	116.0	-162.8
	518	235.2	-118.1	379.5	62.9	-51.9	0.0
	517	3645.8	-33.4	350.2	-116.2	-291.9	0.0
	164	-512.4	75.0	-191.6	-31.5	214.2	0.0
16	165	-615.1	-2182.5	75.8	-263.6	115.0	-163.0
	518	276.1	-117.0	376.5	62.4	-43.3	0.0
	517	3617.2	-33.2	347.6	-115.3	-287.9	0.0
	164	-529.6	74.4	-190.2	-31.2	215.4	0.0
1	18	-455.9	374.9	73.4	313.5	-42.4	224.3
	66	1832.9	-158.5	141.1	40.3	-56.6	0.0
	98	1842.7	-95.4	5.4	62.3	36.9	0.0
	34	324.8	180.5	174.6	3.6	-227.3	0.0
2	18	-527.6	426.9	84.4	359.6	-48.7	258.3
	66	2110.2	-181.5	162.0	46.2	-66.4	0.0
	98	2134.4	-109.6	6.1	71.2	41.3	0.0
	34	376.8	206.8	200.2	4.1	-262.6	0.0
3	18	-188.2	425.3	33.8	64.7	-6.3	100.5
	66	1401.5	-103.2	117.9	-5.9	81.4	0.0
	98	1226.1	-49.0	101.2	81.8	-26.1	0.0
	34	314.7	98.8	40.2	29.2	-66.0	0.0
4	18	-83.9	690.0	142.2	468.0	-77.1	63.2
	66	1671.9	-190.2	197.8	33.8	58.0	0.0
	98	895.3	-184.5	-41.8	53.8	-40.5	0.0
	34	110.3	208.8	257.3	12.7	-108.6	0.0
5	18	-461.5	-76.9	-115.0	-425.3	82.8	206.9
	66	993.2	16.8	-10.5	-40.7	28.6	0.0
	98	1868.9	139.9	250.1	99.9	32.8	0.0
	34	581.0	-41.3	-224.2	35.7	-77.9	0.0
6	18	-591.5	-242.6	-134.2	-442.0	88.4	261.0
	66	913.7	32.7	-40.7	-30.7	-40.2	0.0
	98	2089.1	166.2	234.7	87.5	68.8	0.0
	34	604.9	-51.4	-233.8	24.8	-130.6	0.0

7	18	-621.4	-127.2	-30.0	9.0	12.5	280.6
	66	1136.4	-50.3	17.2	27.3	-147.8	0.0
	98	1960.0	38.8	49.8	40.5	94.0	0.0
	34	394.5	65.2	8.2	-7.3	-241.8	0.0
8	18	-517.1	137.5	78.4	412.3	-58.3	243.4
	66	1406.8	-137.3	97.0	67.1	-171.2	0.0
	98	1629.2	-96.8	-93.2	12.5	79.6	0.0
	34	190.1	175.2	225.3	-23.9	-284.4	0.0
9	18	-113.8	805.4	246.4	919.1	-153.1	82.8
	66	1894.6	-273.1	255.6	91.9	-49.6	0.0
	98	766.2	-312.0	-226.6	6.8	-15.3	0.0
	34	-100.1	325.3	499.3	-19.4	-219.8	0.0
10	18	-243.8	639.7	227.3	902.4	-147.4	136.9
	66	1815.0	-257.3	225.4	101.8	-118.3	0.0
	98	986.4	-285.7	-242.0	-5.6	20.8	0.0
	34	-76.2	315.3	489.7	-30.4	-272.5	0.0
11	18	-351.2	286.6	56.4	240.5	-32.6	172.4
	66	1408.4	-121.5	108.3	30.9	-43.9	0.0
	98	1420.1	-73.2	4.1	47.7	28.0	0.0
	34	250.5	138.3	133.9	2.8	-175.0	0.0
12	18	-351.7	284.6	56.3	239.7	-32.5	172.2
	66	1406.8	-121.0	108.0	30.8	-44.2	0.0
	98	1423.0	-73.1	4.1	47.5	27.5	0.0
	34	251.2	137.8	133.5	2.7	-175.1	0.0
13	18	-351.2	286.6	56.4	240.5	-32.6	172.4
	66	1408.4	-121.5	108.3	30.9	-43.9	0.0
	98	1420.1	-73.2	4.1	47.7	28.0	0.0
	34	250.5	138.3	133.9	2.8	-175.0	0.0
14	18	-352.1	283.3	56.2	239.2	-32.4	172.1
	66	1405.7	-120.7	107.8	30.7	-44.5	0.0
	98	1424.8	-73.0	4.1	47.4	27.2	0.0
	34	251.7	137.5	133.2	2.7	-175.1	0.0
15	18	-351.2	286.6	56.4	240.5	-32.6	172.4
	66	1408.4	-121.5	108.3	30.9	-43.9	0.0
	98	1420.1	-73.2	4.1	47.7	28.0	0.0
	34	250.5	138.3	133.9	2.8	-175.0	0.0
16	18	-352.5	282.1	56.1	238.8	-32.3	172.0
	66	1404.7	-120.4	107.6	30.6	-44.8	0.0
	98	1426.7	-72.9	4.0	47.2	26.9	0.0
	34	252.2	137.1	132.9	2.7	-175.2	0.0
1	66	-660.3	-2020.1	188.0	-34.5	67.7	-162.8
	166	1412.1	-130.1	292.0	37.3	-30.7	0.0
	165	3048.2	-151.9	273.8	-89.6	-293.9	0.0
	98	-1160.6	94.1	-108.2	-58.8	3.4	0.0
2	66	-761.4	-2329.1	215.4	-39.7	77.7	-186.5
	166	1645.0	-149.5	334.6	43.0	-31.5	0.0
	165	3506.3	-173.9	314.2	-102.7	-335.4	0.0
	98	-1345.6	108.1	-123.9	-67.4	5.9	0.0
3	66	-185.7	-1372.7	52.8	-104.4	-0.6	-186.9
	166	1131.7	-6.5	172.8	-14.1	33.5	0.0
	165	2158.2	-31.6	136.1	-9.2	-291.7	0.0
	98	-932.1	-5.0	-80.7	9.9	60.6	0.0
4	66	-32.3	-1081.2	183.0	-19.5	70.5	-178.7
	166	1323.3	-91.5	238.7	37.0	63.0	0.0
	165	1814.0	-146.8	251.6	-88.1	-276.4	0.0
	98	-1072.3	63.4	-150.0	-59.2	87.7	0.0
5	66	-643.4	-1940.2	-81.7	-178.6	-71.9	-154.9
	166	822.7	57.6	107.2	-61.7	-47.8	0.0
	165	2801.2	84.6	11.5	69.3	-265.7	0.0
	98	-697.6	-55.0	23.3	76.4	-19.3	0.0
6	66	-882.3	-2135.0	-66.8	-157.3	-61.9	-119.4
	166	749.6	27.3	116.8	-51.4	-88.0	0.0
	165	3008.3	69.0	20.3	57.7	-228.1	0.0
	98	-636.8	-29.4	43.3	64.4	-60.7	0.0
7	66	-982.2	-2022.2	102.4	-33.4	32.7	-68.4
	166	887.8	-107.1	204.9	20.2	-100.5	0.0
	165	2848.5	-83.5	165.4	-47.9	-166.4	0.0
	98	-729.3	80.2	-14.2	-30.3	-77.4	0.0
8	66	-828.9	-1730.7	232.6	51.5	103.9	-60.2
	166	1079.5	-192.2	270.8	71.3	-71.1	0.0
	165	2504.4	-198.7	280.9	-126.8	-151.2	0.0
	98	-869.4	148.6	-83.5	-99.3	-50.4	0.0
9	66	-132.2	-968.4	352.2	104.4	165.1	-127.7

	166	1461.6	-226.0	326.8	108.7	50.5	0.0
	165	1654.2	-299.3	396.6	-193.7	-214.7	0.0
	98	-1164.8	173.0	-207.4	-153.8	70.9	0.0
10	66	-371.2	-1163.2	367.1	125.7	175.1	-92.2
	166	1388.4	-256.2	336.4	119.0	10.3	0.0
	165	1861.3	-314.9	405.4	-205.4	-177.2	0.0
	98	-1103.9	198.6	-187.5	-165.9	29.5	0.0
11	66	-507.8	-1553.3	144.1	-26.5	52.0	-124.8
	166	1091.3	-99.9	223.9	28.7	-22.4	0.0
	165	2341.2	-116.4	210.0	-68.7	-224.9	0.0
	98	-894.9	72.2	-82.9	-45.1	3.2	0.0
12	66	-507.6	-1552.7	143.6	-26.5	51.8	-124.3
	166	1096.7	-99.7	223.1	28.7	-21.0	0.0
	165	2337.5	-115.9	209.5	-68.4	-223.6	0.0
	98	-897.1	72.1	-82.6	-45.0	3.9	0.0
13	66	-507.8	-1553.3	144.1	-26.5	52.0	-124.8
	166	1091.3	-99.9	223.9	28.7	-22.4	0.0
	165	2341.2	-116.4	210.0	-68.7	-224.9	0.0
	98	-894.9	72.2	-82.9	-45.1	3.2	0.0
14	66	-507.5	-1552.3	143.2	-26.5	51.7	-124.0
	166	1100.2	-99.5	222.6	28.6	-20.1	0.0
	165	2335.0	-115.6	209.1	-68.3	-222.7	0.0
	98	-898.5	72.0	-82.4	-44.9	4.4	0.0
15	66	-507.8	-1553.3	144.1	-26.5	52.0	-124.8
	166	1091.3	-99.9	223.9	28.7	-22.4	0.0
	165	2341.2	-116.4	210.0	-68.7	-224.9	0.0
	98	-894.9	72.2	-82.9	-45.1	3.2	0.0
16	66	-507.3	-1551.9	142.9	-26.4	51.7	-123.7
	166	1103.8	-99.4	222.0	28.6	-19.2	0.0
	165	2332.5	-115.3	208.7	-68.1	-221.9	0.0
	98	-900.0	71.9	-82.2	-44.8	4.9	0.0
1	166	67.9	-1360.8	92.4	-423.7	172.7	-216.7
	519	4904.4	-179.8	366.5	127.6	791.5	0.0
	518	520.0	-85.5	685.6	-133.6	121.5	0.0
	165	-2528.0	172.9	-150.8	-101.2	312.8	0.0
2	166	70.6	-1591.1	106.0	-485.6	198.1	-252.0
	519	5607.7	-206.1	420.8	146.3	901.4	0.0
	518	658.6	-98.3	785.9	-153.3	129.4	0.0
	165	-2903.3	198.4	-173.2	-116.0	359.3	0.0
3	166	66.1	-970.7	68.6	-206.3	63.8	-114.5
	519	3596.7	-85.9	250.1	64.4	539.3	0.0
	518	403.4	-64.4	370.5	-61.0	119.2	0.0
	165	-1820.6	205.0	-82.6	-47.8	211.3	0.0
4	166	362.3	-819.4	22.3	-405.6	175.6	-199.2
	519	3397.5	-137.5	196.9	103.2	598.1	0.0
	518	347.0	6.9	568.6	-130.7	-4.0	0.0
	165	-1757.0	157.9	-110.8	-85.7	301.4	0.0
5	166	-399.6	-1271.5	140.0	14.9	-58.4	-24.3
	519	3977.7	-43.3	351.2	28.4	488.6	0.0
	518	537.2	-173.1	175.5	16.2	278.6	0.0
	165	-1992.1	225.1	-62.5	-10.8	93.9	0.0
6	166	-502.5	-1378.1	154.9	5.4	-51.4	-31.6
	519	4105.0	-58.2	384.8	36.3	503.8	0.0
	518	595.6	-195.1	206.3	12.6	292.2	0.0
	165	-2075.5	195.2	-73.4	-16.9	83.3	0.0
7	166	-276.9	-1325.8	118.2	-238.3	87.3	-139.1
	519	4021.1	-135.8	361.9	90.8	590.2	0.0
	518	597.8	-137.4	473.3	-72.8	164.3	0.0
	165	-2098.6	105.4	-119.1	-68.2	175.9	0.0
8	166	19.3	-1174.5	71.9	-437.5	199.1	-223.8
	519	3821.8	-187.4	308.7	129.6	649.0	0.0
	518	541.4	-66.1	671.4	-142.5	41.2	0.0
	165	-2035.0	58.3	-147.3	-106.1	265.9	0.0
9	166	587.9	-767.2	-14.4	-649.2	314.3	-306.6
	519	3313.5	-215.1	174.0	157.7	684.5	0.0
	518	349.2	64.5	835.6	-216.1	-131.8	0.0
	165	-1780.0	68.1	-156.5	-137.0	394.0	0.0
10	166	485.0	-873.7	0.5	-658.8	321.3	-314.0
	519	3440.8	-230.0	207.5	165.6	699.8	0.0
	518	407.5	42.6	866.5	-219.7	-118.3	0.0
	165	-1863.5	38.2	-167.4	-143.1	383.4	0.0
11	166	49.7	-1053.6	70.9	-324.9	132.5	-167.3
	519	3756.0	-137.9	281.2	97.9	605.0	0.0

	518	419.0	-65.7	525.7	-102.5	90.0	0.0
	165	-1940.2	132.7	-115.7	-77.6	240.1	0.0
12	166	47.1	-1060.7	70.6	-323.8	132.1	-168.0
	519	3738.4	-137.4	280.5	97.5	600.9	0.0
	518	439.0	-65.5	523.9	-102.2	86.3	0.0
	165	-1935.5	132.3	-115.4	-77.4	239.6	0.0
13	166	49.7	-1053.6	70.9	-324.9	132.5	-167.3
	519	3756.0	-137.9	281.2	97.9	605.0	0.0
	518	419.0	-65.7	525.7	-102.5	90.0	0.0
	165	-1940.2	132.7	-115.7	-77.6	240.1	0.0
14	166	45.3	-1065.5	70.5	-323.0	131.8	-168.4
	519	3726.8	-137.1	280.1	97.3	598.2	0.0
	518	452.4	-65.4	522.7	-102.0	83.8	0.0
	165	-1932.4	132.0	-115.2	-77.2	239.2	0.0
15	166	49.7	-1053.6	70.9	-324.9	132.5	-167.3
	519	3756.0	-137.9	281.2	97.9	605.0	0.0
	518	419.0	-65.7	525.7	-102.5	90.0	0.0
	165	-1940.2	132.7	-115.7	-77.6	240.1	0.0
16	166	43.6	-1070.2	70.3	-322.3	131.6	-168.9
	519	3715.1	-136.8	279.6	97.1	595.5	0.0
	518	465.7	-65.3	521.6	-101.8	81.4	0.0
	165	-1929.3	131.8	-115.1	-77.0	238.8	0.0
1	35	-643.3	397.3	166.1	362.2	-60.6	271.0
	99	1630.4	-28.1	201.7	33.2	-285.0	0.0
	66	1935.8	-177.8	-110.8	-23.1	51.3	0.0
	18	411.8	39.7	61.6	-53.0	-416.0	0.0
2	35	-742.3	457.8	190.4	415.3	-69.5	313.1
	99	1885.9	-32.3	231.2	38.1	-327.0	0.0
	66	2232.4	-203.8	-127.0	-26.5	60.2	0.0
	18	472.4	45.7	70.8	-60.7	-478.7	0.0
3	35	-251.3	372.3	80.8	78.7	9.5	81.3
	99	1192.1	-35.1	145.3	-16.8	-26.6	0.0
	66	1391.1	-88.1	48.3	12.2	-75.3	0.0
	18	413.1	23.0	-5.9	-8.3	-138.3	0.0
4	35	-151.8	657.7	219.5	519.1	-77.6	48.0
	99	1566.6	-62.4	244.7	26.1	-63.1	0.0
	66	1021.0	-260.8	-167.6	-16.2	-84.7	0.0
	18	123.3	74.4	140.1	-44.7	-197.7	0.0
5	35	-572.8	-107.8	-97.8	-451.6	102.7	221.1
	99	671.5	15.8	0.3	-52.3	-104.4	0.0
	66	2019.8	141.0	283.0	34.5	20.1	0.0
	18	782.7	-49.7	-190.3	24.4	-174.3	0.0
6	35	-748.8	-233.9	-112.2	-465.7	95.5	307.7
	99	599.8	32.1	-24.7	-39.8	-207.6	0.0
	66	2188.8	164.6	268.3	25.2	92.5	0.0
	18	809.9	-60.7	-202.3	16.2	-264.6	0.0
7	35	-838.0	-48.1	32.9	31.6	-14.5	370.0
	99	953.1	19.3	61.9	24.6	-370.8	0.0
	66	1954.1	-9.4	-0.6	-18.9	166.1	0.0
	18	503.5	-13.5	-46.0	-35.9	-439.2	0.0
8	35	-738.5	237.3	171.6	472.0	-101.5	336.7
	99	1327.7	-7.9	161.2	67.4	-407.3	0.0
	66	1584.1	-182.1	-216.5	-47.4	156.7	0.0
	18	213.7	37.9	99.9	-72.2	-498.6	0.0
9	35	-241.0	843.4	364.6	1016.5	-187.5	110.3
	99	1920.0	-75.2	331.3	90.5	-226.3	0.0
	66	786.4	-434.8	-436.5	-60.3	-11.1	0.0
	18	-183.1	121.6	296.4	-96.7	-372.4	0.0
10	35	-417.0	717.3	350.2	1002.3	-194.7	196.9
	99	1848.3	-58.8	306.3	102.9	-329.5	0.0
	66	955.3	-411.2	-451.2	-69.6	61.3	0.0
	18	-156.0	110.6	284.3	-105.0	-462.6	0.0
11	35	-494.8	305.4	127.4	277.8	-46.5	208.6
	99	1255.7	-21.6	154.7	25.5	-218.6	0.0
	66	1488.7	-136.3	-85.0	-17.7	39.8	0.0
	18	315.9	30.5	47.3	-40.6	-319.6	0.0
12	35	-494.9	305.2	126.9	276.9	-46.3	208.7
	99	1257.2	-21.5	154.2	25.4	-218.0	0.0
	66	1488.3	-135.9	-84.6	-17.7	40.1	0.0
	18	314.9	30.5	47.2	-40.5	-319.2	0.0
13	35	-494.8	305.4	127.4	277.8	-46.5	208.6
	99	1255.7	-21.6	154.7	25.5	-218.6	0.0
	66	1488.7	-136.3	-85.0	-17.7	39.8	0.0

	18	315.9	30.5	47.3	-40.6	-319.6	0.0
14	35	-494.9	305.0	126.6	276.3	-46.2	208.9
	99	1258.3	-21.5	153.8	25.4	-217.6	0.0
	66	1488.0	-135.6	-84.4	-17.6	40.3	0.0
	18	314.3	30.5	47.1	-40.4	-318.9	0.0
15	35	-494.8	305.4	127.4	277.8	-46.5	208.6
	99	1255.7	-21.6	154.7	25.5	-218.6	0.0
	66	1488.7	-136.3	-85.0	-17.7	39.8	0.0
	18	315.9	30.5	47.3	-40.6	-319.6	0.0
16	35	-494.9	304.9	126.3	275.7	-46.1	209.0
	99	1259.4	-21.5	153.5	25.4	-217.2	0.0
	66	1487.7	-135.3	-84.2	-17.6	40.6	0.0
	18	313.7	30.4	47.1	-40.3	-318.6	0.0
1	99	-452.2	-1373.3	121.2	-55.9	89.4	-24.9
	167	2812.2	-104.4	129.2	81.2	289.1	0.0
	166	1589.5	-165.2	326.9	-98.2	46.0	0.0
	66	-1748.6	148.3	4.2	-84.9	168.1	0.0
2	99	-523.6	-1593.1	139.1	-64.0	102.5	-30.6
	167	3231.2	-119.8	148.3	93.1	330.3	0.0
	166	1852.0	-189.4	374.7	-112.8	48.9	0.0
	66	-2013.5	170.0	4.7	-97.4	192.7	0.0
3	99	-27.9	-933.3	9.8	-119.7	12.5	-85.5
	167	2180.0	-46.8	98.5	14.5	274.0	0.0
	166	1115.9	-32.4	183.9	-2.9	-32.9	0.0
	66	-1357.6	35.9	-88.4	-2.7	182.1	0.0
4	99	101.2	-759.2	143.7	-21.0	78.9	-99.0
	167	2337.6	-10.7	60.4	62.3	285.5	0.0
	166	966.6	-184.3	278.1	-111.4	-60.4	0.0
	66	-1537.5	81.7	25.9	-92.6	203.6	0.0
5	99	-449.3	-1290.9	-135.6	-215.4	-49.4	-20.2
	167	1917.4	-124.5	156.1	-25.0	217.7	0.0
	166	1432.6	132.8	86.2	111.3	53.1	0.0
	66	-1072.5	20.2	-197.6	90.2	111.5	0.0
6	99	-681.4	-1423.4	-126.3	-198.6	-36.0	22.3
	167	1850.0	-154.9	167.5	-11.0	180.8	0.0
	166	1554.8	122.4	96.6	100.7	99.2	0.0
	66	-1008.0	52.5	-177.0	80.1	72.4	0.0
7	99	-801.5	-1374.7	40.9	-63.8	57.2	56.1
	167	1955.2	-148.2	136.4	61.3	151.3	0.0
	166	1523.2	-66.8	218.7	-38.3	121.0	0.0
	66	-1142.5	143.6	-19.7	-36.7	51.9	0.0
8	99	-672.3	-1200.5	174.8	34.9	123.6	42.6
	167	2112.9	-112.0	98.3	109.1	162.8	0.0
	166	1373.9	-218.6	312.8	-146.8	93.5	0.0
	66	-1322.4	189.4	94.6	-126.5	73.4	0.0
9	99	-18.9	-710.5	310.9	113.8	172.0	-65.2
	167	2442.9	-4.0	29.3	134.6	256.0	0.0
	166	935.0	-373.5	400.1	-250.4	-38.7	0.0
	66	-1672.1	172.8	183.2	-209.4	183.1	0.0
10	99	-251.0	-842.9	320.2	130.5	185.5	-22.7
	167	2375.4	-34.4	40.6	148.6	219.2	0.0
	166	1057.2	-383.8	410.5	-261.0	7.5	0.0
	66	-1607.5	205.1	203.8	-219.5	144.1	0.0
11	99	-348.4	-1059.2	93.0	-42.8	68.6	-19.8
	167	2158.8	-80.1	99.1	62.3	221.3	0.0
	166	1228.5	-126.7	250.6	-75.4	34.0	0.0
	66	-1343.8	113.7	3.2	-65.1	128.9	0.0
12	99	-349.1	-1062.1	92.7	-42.7	68.4	-20.4
	167	2154.2	-79.8	98.9	62.1	220.2	0.0
	166	1234.7	-126.2	249.8	-75.2	32.6	0.0
	66	-1342.4	113.3	3.2	-65.0	128.5	0.0
13	99	-348.4	-1059.2	93.0	-42.8	68.6	-19.8
	167	2158.8	-80.1	99.1	62.3	221.3	0.0
	166	1228.5	-126.7	250.6	-75.4	34.0	0.0
	66	-1343.8	113.7	3.2	-65.1	128.9	0.0
14	99	-349.5	-1064.0	92.6	-42.6	68.2	-20.8
	167	2151.1	-79.7	98.7	62.0	219.5	0.0
	166	1238.7	-126.0	249.2	-75.1	31.7	0.0
	66	-1341.4	113.1	3.1	-64.8	128.2	0.0
15	99	-348.4	-1059.2	93.0	-42.8	68.6	-19.8
	167	2158.8	-80.1	99.1	62.3	221.3	0.0
	166	1228.5	-126.7	250.6	-75.4	34.0	0.0
	66	-1343.8	113.7	3.2	-65.1	128.9	0.0

16	99	-349.9	-1066.0	92.4	-42.5	68.1	-21.3
	167	2148.0	-79.5	98.5	61.9	218.8	0.0
	166	1242.8	-125.7	248.6	-74.9	30.8	0.0
	66	-1340.5	112.8	3.1	-64.7	127.9	0.0
1	167	-222.6	-2490.2	216.2	-279.8	234.8	-413.7
	520	980.4	-358.0	639.0	138.5	-151.3	0.0
	519	4686.2	-61.2	590.5	-155.1	-803.8	0.0
	166	-1640.8	202.9	-195.2	-111.8	201.4	0.0
2	167	-254.6	-2863.3	248.1	-321.0	269.3	-474.2
	520	1178.6	-410.5	732.8	158.9	-163.3	0.0
	519	5362.5	-70.5	677.6	-178.0	-915.7	0.0
	166	-1905.9	232.9	-223.7	-128.4	234.6	0.0
3	167	-150.7	-1786.1	96.8	-128.2	83.3	-263.3
	520	712.0	-143.5	358.5	57.6	-145.0	0.0
	519	3464.3	-58.5	296.0	-74.3	-546.1	0.0
	166	-1280.6	140.1	-137.8	-43.4	129.2	0.0
4	167	119.4	-1596.1	192.2	-265.7	237.2	-322.2
	520	1046.2	-365.0	507.4	120.9	-39.6	0.0
	519	3119.0	3.5	549.7	-146.3	-598.8	0.0
	166	-1465.1	225.8	-94.3	-94.9	211.2	0.0
5	167	-572.8	-2156.2	-0.5	21.0	-83.4	-209.7
	520	275.7	102.3	221.9	-4.8	-275.0	0.0
	519	4047.6	-144.5	18.8	4.2	-506.5	0.0
	166	-998.7	20.3	-211.0	5.5	24.7	0.0
6	167	-664.5	-2283.5	11.5	11.4	-72.3	-222.7
	520	235.9	91.6	253.7	4.9	-281.1	0.0
	519	4202.4	-156.2	34.9	-0.4	-525.2	0.0
	166	-941.7	3.3	-230.2	-4.2	17.1	0.0
7	167	-456.4	-2210.3	136.9	-160.1	120.1	-306.5
	520	579.2	-179.4	464.5	89.9	-165.2	0.0
	519	3980.2	-97.5	349.7	-89.9	-608.6	0.0
	166	-1090.5	83.4	-202.1	-75.5	103.9	0.0
8	167	-186.2	-2020.4	232.4	-297.6	274.0	-365.4
	520	913.4	-400.8	613.4	153.2	-59.8	0.0
	519	3635.0	-35.5	603.3	-161.9	-661.3	0.0
	166	-1275.1	169.1	-158.6	-127.1	185.9	0.0
9	167	327.6	-1523.0	317.6	-437.3	429.6	-406.1
	520	1389.5	-635.9	718.2	206.0	76.3	0.0
	519	2896.8	62.2	864.4	-235.8	-682.2	0.0
	166	-1614.0	305.9	-66.2	-166.3	298.1	0.0
10	167	235.9	-1650.3	329.7	-446.9	440.7	-419.0
	520	1349.7	-646.7	750.0	215.6	70.2	0.0
	519	3051.6	50.5	880.5	-240.5	-700.9	0.0
	166	-1556.9	288.9	-85.5	-175.9	290.5	0.0
11	167	-170.5	-1912.3	165.9	-214.6	180.1	-317.2
	520	769.6	-274.5	490.1	106.2	-112.7	0.0
	519	3590.3	-47.0	453.0	-119.0	-614.5	0.0
	166	-1266.3	155.7	-149.6	-85.8	155.6	0.0
12	167	-169.8	-1908.9	165.4	-214.0	179.5	-316.1
	520	785.7	-273.6	488.5	105.9	-108.8	0.0
	519	3575.0	-47.0	451.8	-118.7	-610.4	0.0
	166	-1270.6	155.3	-149.1	-85.6	156.4	0.0
13	167	-170.5	-1912.3	165.9	-214.6	180.1	-317.2
	520	769.6	-274.5	490.1	106.2	-112.7	0.0
	519	3590.3	-47.0	453.0	-119.0	-614.5	0.0
	166	-1266.3	155.7	-149.6	-85.8	155.6	0.0
14	167	-169.2	-1906.6	165.1	-213.6	179.2	-315.4
	520	796.5	-273.1	487.5	105.7	-106.3	0.0
	519	3564.9	-47.0	450.9	-118.5	-607.7	0.0
	166	-1273.5	155.0	-148.7	-85.4	156.9	0.0
15	167	-170.5	-1912.3	165.9	-214.6	180.1	-317.2
	520	769.6	-274.5	490.1	106.2	-112.7	0.0
	519	3590.3	-47.0	453.0	-119.0	-614.5	0.0
	166	-1266.3	155.7	-149.6	-85.8	155.6	0.0
16	167	-168.7	-1904.4	164.7	-213.1	178.8	-314.7
	520	807.3	-272.5	486.5	105.5	-103.7	0.0
	519	3554.7	-47.0	450.1	-118.2	-605.0	0.0
	166	-1276.4	154.7	-148.4	-85.3	157.3	0.0
1	19	-711.4	764.3	-10.5	230.6	-27.5	385.1
	67	2307.7	-20.0	55.6	111.1	-277.1	0.0
	99	1296.7	-56.8	-125.8	-9.8	240.1	0.0
	35	6.6	87.2	31.6	-50.9	-488.9	0.0

2	19	-821.9	876.1	-11.9	264.5	-31.6	443.7
	67	2657.1	-22.9	63.9	127.4	-320.4	0.0
	99	1504.8	-65.2	-144.4	-11.3	275.6	0.0
	35	10.4	99.9	36.1	-58.5	-564.0	0.0
3	19	-221.6	605.6	-3.8	29.6	9.8	118.2
	67	1619.9	-74.1	38.4	29.0	42.9	0.0
	99	983.6	-19.9	65.2	-13.4	-2.0	0.0
	35	183.8	70.5	15.7	-1.7	-122.1	0.0
4	19	-178.5	826.2	26.5	364.1	-73.0	96.2
	67	1993.4	3.9	111.8	97.0	-33.3	0.0
	99	698.3	-127.8	-229.9	-42.5	19.1	0.0
	35	-124.7	87.0	82.7	-48.7	-216.7	0.0
5	19	-515.9	253.6	-52.6	-375.7	113.8	275.7
	67	1157.4	-151.2	-70.1	-35.2	-21.3	0.0
	99	1433.5	127.5	400.1	34.7	95.4	0.0
	35	529.0	42.4	-80.2	43.7	-156.2	0.0
6	19	-725.0	172.5	-64.1	-388.6	120.1	388.6
	67	1134.3	-139.2	-89.7	-22.3	-152.6	0.0
	99	1533.7	145.8	392.0	46.9	200.0	0.0
	35	516.4	34.8	-95.4	35.5	-280.1	0.0
7	19	-918.6	335.3	-42.2	-13.2	31.1	494.7
	67	1543.1	-34.1	-27.0	72.0	-394.7	0.0
	99	1317.8	41.3	38.3	27.4	346.8	0.0
	35	141.8	45.3	-35.0	-28.9	-535.1	0.0
8	19	-875.4	556.0	-11.9	321.3	-51.7	472.7
	67	1916.5	43.9	46.4	139.9	-471.0	0.0
	99	1032.5	-66.6	-256.8	-1.6	367.9	0.0
	35	-166.7	61.9	32.0	-75.9	-629.8	0.0
9	19	-372.1	989.0	48.5	739.4	-162.0	202.3
	67	2402.2	109.0	174.5	191.3	-275.5	0.0
	99	482.4	-232.4	-583.7	-62.0	165.8	0.0
	35	-499.2	97.5	143.2	-113.1	-471.7	0.0
10	19	-581.2	907.9	37.0	726.6	-155.7	315.3
	67	2379.1	121.0	154.9	204.2	-406.8	0.0
	99	582.6	-214.0	-591.7	-49.8	270.4	0.0
	35	-511.8	90.0	128.0	-121.3	-595.7	0.0
11	19	-547.6	586.0	-8.0	176.9	-21.1	296.0
	67	1773.3	-15.3	42.7	85.2	-213.4	0.0
	99	1000.3	-43.6	-96.5	-7.5	184.2	0.0
	35	6.0	66.9	24.2	-39.1	-376.0	0.0
12	19	-547.9	584.1	-7.9	176.3	-21.1	295.8
	67	1771.4	-15.2	42.6	84.9	-213.6	0.0
	99	1003.2	-43.5	-96.2	-7.5	183.7	0.0
	35	7.0	66.6	24.1	-39.0	-376.0	0.0
13	19	-547.6	586.0	-8.0	176.9	-21.1	296.0
	67	1773.3	-15.3	42.7	85.2	-213.4	0.0
	99	1000.3	-43.6	-96.5	-7.5	184.2	0.0
	35	6.0	66.9	24.2	-39.1	-376.0	0.0
14	19	-548.2	582.8	-7.9	176.0	-21.0	295.7
	67	1770.1	-15.2	42.5	84.8	-213.8	0.0
	99	1005.1	-43.4	-96.1	-7.5	183.4	0.0
	35	7.6	66.4	24.0	-38.9	-376.0	0.0
15	19	-547.6	586.0	-8.0	176.9	-21.1	296.0
	67	1773.3	-15.3	42.7	85.2	-213.4	0.0
	99	1000.3	-43.6	-96.5	-7.5	184.2	0.0
	35	6.0	66.9	24.2	-39.1	-376.0	0.0
16	19	-548.4	581.4	-7.8	175.6	-21.0	295.6
	67	1768.9	-15.1	42.4	84.6	-214.0	0.0
	99	1007.1	-43.3	-95.9	-7.5	183.1	0.0
	35	8.3	66.3	23.9	-38.8	-375.9	0.0
1	67	-422.6	-1706.0	238.4	34.5	55.1	-186.7
	168	1842.7	85.6	132.8	-27.5	23.5	0.0
	167	2696.8	-287.6	155.7	-157.8	-305.9	0.0
	99	-1553.8	-36.4	-20.0	-112.8	69.8	0.0
2	67	-487.1	-1966.4	273.4	39.5	63.2	-214.1
	168	2139.7	98.1	152.2	-31.5	30.5	0.0
	167	3100.8	-329.9	178.8	-181.0	-349.5	0.0
	99	-1797.5	-41.6	-22.8	-129.4	82.0	0.0
3	67	30.3	-1176.9	84.6	-57.8	6.8	-213.4
	168	1430.8	14.2	143.6	-8.2	86.2	0.0
	167	1921.8	-78.2	92.1	-34.5	-295.8	0.0
	99	-1189.9	-15.4	-103.5	-19.1	111.3	0.0
4	67	145.6	-1055.5	245.7	60.9	33.7	-223.1

	168	1713.2	197.1	7.1	-76.1	120.7	0.0
	167	1766.9	-322.0	112.9	-161.6	-307.5	0.0
	99	-1441.0	-118.1	30.2	-108.4	145.8	0.0
5	67	-393.0	-1454.0	-92.1	-179.1	-9.4	-148.7
	168	1004.8	-227.7	320.6	86.1	-10.9	0.0
	167	2254.3	193.1	79.1	98.4	-232.7	0.0
	99	-816.8	131.9	-244.5	69.6	19.8	0.0
6	67	-640.5	-1570.2	-82.4	-164.3	3.7	-103.0
	168	922.0	-252.1	335.9	98.9	-59.6	0.0
	167	2384.3	181.9	88.8	85.2	-190.3	0.0
	99	-748.2	155.4	-231.5	56.4	-24.0	0.0
7	67	-794.6	-1564.1	116.8	-8.5	50.3	-60.9
	168	1155.0	-67.0	194.6	34.5	-76.2	0.0
	167	2355.2	-115.6	124.4	-78.5	-154.7	0.0
	99	-961.0	63.1	-60.4	-63.3	-34.8	0.0
8	67	-679.2	-1442.7	277.9	110.2	77.1	-70.6
	168	1437.5	116.0	58.1	-33.5	-41.7	0.0
	167	2200.3	-359.4	145.2	-205.6	-166.4	0.0
	99	-1212.1	-39.6	73.4	-152.6	-0.3	0.0
9	67	-8.4	-1049.4	445.0	216.7	80.3	-181.0
	168	1946.2	382.2	-134.2	-140.5	104.1	0.0
	167	1737.8	-619.5	148.4	-325.3	-271.8	0.0
	99	-1653.9	-210.4	201.4	-228.0	135.0	0.0
10	67	-255.9	-1165.6	454.6	231.5	93.3	-135.2
	168	1863.5	357.9	-118.9	-127.7	55.4	0.0
	167	1867.9	-630.7	158.1	-338.5	-229.5	0.0
	99	-1585.2	-186.9	214.3	-241.3	91.2	0.0
11	67	-324.9	-1311.6	182.8	26.4	42.3	-143.2
	168	1421.8	65.6	101.8	-21.1	19.2	0.0
	167	2070.9	-220.6	119.5	-121.0	-234.2	0.0
	99	-1196.8	-27.9	-15.3	-86.5	54.2	0.0
12	67	-324.7	-1310.9	182.2	26.3	42.2	-142.7
	168	1426.4	65.4	101.5	-21.0	20.3	0.0
	167	2067.2	-219.9	119.2	-120.6	-233.0	0.0
	99	-1198.3	-27.7	-15.2	-86.3	54.7	0.0
13	67	-324.9	-1311.6	182.8	26.4	42.3	-143.2
	168	1421.8	65.6	101.8	-21.1	19.2	0.0
	167	2070.9	-220.6	119.5	-121.0	-234.2	0.0
	99	-1196.8	-27.9	-15.3	-86.5	54.2	0.0
14	67	-324.6	-1310.5	181.8	26.3	42.1	-142.4
	168	1429.5	65.3	101.2	-20.9	21.1	0.0
	167	2064.8	-219.5	119.0	-120.4	-232.2	0.0
	99	-1199.4	-27.7	-15.2	-86.1	55.0	0.0
15	67	-324.9	-1311.6	182.8	26.4	42.3	-143.2
	168	1421.8	65.6	101.8	-21.1	19.2	0.0
	167	2070.9	-220.6	119.5	-121.0	-234.2	0.0
	99	-1196.8	-27.9	-15.3	-86.5	54.2	0.0
16	67	-324.5	-1310.0	181.5	26.2	42.0	-142.1
	168	1432.6	65.1	101.0	-20.9	21.9	0.0
	167	2062.3	-219.0	118.7	-120.2	-231.5	0.0
	99	-1200.5	-27.6	-15.1	-85.9	55.3	0.0
1	168	245.0	-1293.1	409.8	-352.1	147.2	-169.6
	521	5326.2	-311.7	505.5	105.1	862.9	0.0
	520	521.2	-273.9	905.7	-167.7	182.6	0.0
	167	-3018.8	175.7	-5.1	-158.2	430.5	0.0
2	168	276.8	-1508.2	470.1	-403.6	168.9	-198.8
	521	6096.3	-357.7	580.1	120.6	983.3	0.0
	520	652.5	-314.0	1038.5	-192.4	198.8	0.0
	167	-3468.7	201.6	-6.0	-181.5	493.4	0.0
3	168	208.3	-815.1	123.9	-184.9	66.4	-87.8
	521	3795.3	-133.2	264.0	72.2	583.5	0.0
	520	299.6	-97.6	440.2	-63.4	154.1	0.0
	167	-2342.5	130.8	-62.9	-62.8	316.7	0.0
4	168	389.2	-876.3	482.2	-305.1	121.7	-149.1
	521	3923.4	-315.0	441.6	58.1	634.4	0.0
	520	448.6	-289.2	875.6	-168.1	63.9	0.0
	167	-2521.3	84.0	110.4	-134.1	376.0	0.0
5	168	-85.1	-861.9	-288.0	-60.6	14.6	-27.4
	521	3769.6	69.7	79.2	99.1	551.9	0.0
	520	188.8	115.6	-46.3	50.5	271.1	0.0
	167	-2044.4	203.9	-284.6	5.1	234.0	0.0
6	168	-155.7	-963.2	-282.7	-74.1	25.4	-36.9
	521	3875.7	61.8	98.5	108.0	575.6	0.0

	520	242.8	106.7	-27.8	43.4	281.1	0.0
	167	-1967.9	219.6	-301.3	-8.1	222.4	0.0
7	168	-26.9	-1152.9	141.4	-230.1	102.5	-119.4
	521	4148.7	-159.7	328.3	101.9	662.7	0.0
	520	479.6	-127.1	501.7	-87.1	187.6	0.0
	167	-2087.2	183.3	-118.6	-106.7	278.1	0.0
8	168	154.0	-1214.2	499.8	-350.3	157.8	-180.7
	521	4276.8	-341.5	506.0	87.8	713.6	0.0
	520	628.6	-318.7	937.1	-191.8	97.4	0.0
	167	-2266.0	136.5	54.7	-178.1	337.4	0.0
9	168	517.9	-1066.0	906.4	-461.1	198.8	-231.7
	521	4196.4	-536.5	671.4	52.1	721.5	0.0
	520	685.4	-523.1	1405.1	-298.6	-29.6	0.0
	167	-2640.6	47.7	293.1	-232.7	431.8	0.0
10	168	447.4	-1167.4	911.7	-474.6	209.6	-241.2
	521	4302.4	-544.4	690.7	61.0	745.2	0.0
	520	739.4	-531.9	1423.6	-305.7	-19.6	0.0
	167	-2564.0	63.4	276.4	-245.9	420.2	0.0
11	168	186.6	-999.9	314.3	-270.0	112.9	-131.5
	521	4081.1	-239.1	387.8	80.6	659.8	0.0
	520	417.5	-210.0	694.6	-128.6	136.6	0.0
	167	-2317.4	134.8	-4.0	-121.3	330.1	0.0
12	168	184.5	-1005.4	313.4	-269.1	112.6	-132.5
	521	4064.2	-238.4	386.7	80.4	655.6	0.0
	520	435.0	-209.3	692.3	-128.2	132.5	0.0
	167	-2312.5	134.4	-4.0	-121.0	328.9	0.0
13	168	186.6	-999.9	314.3	-270.0	112.9	-131.5
	521	4081.1	-239.1	387.8	80.6	659.8	0.0
	520	417.5	-210.0	694.6	-128.6	136.6	0.0
	167	-2317.4	134.8	-4.0	-121.3	330.1	0.0
14	168	183.2	-1009.1	312.8	-268.5	112.4	-133.2
	521	4052.9	-238.0	386.0	80.2	652.7	0.0
	520	446.6	-208.9	690.9	-128.0	129.8	0.0
	167	-2309.2	134.1	-4.0	-120.8	328.2	0.0
15	168	186.6	-999.9	314.3	-270.0	112.9	-131.5
	521	4081.1	-239.1	387.8	80.6	659.8	0.0
	520	417.5	-210.0	694.6	-128.6	136.6	0.0
	167	-2317.4	134.8	-4.0	-121.3	330.1	0.0
16	168	181.8	-1012.8	312.2	-267.9	112.2	-133.9
	521	4041.7	-237.6	385.3	80.1	649.9	0.0
	520	458.3	-208.4	689.4	-127.7	127.1	0.0
	167	-2305.9	133.8	-4.1	-120.5	327.4	0.0
1	36	-901.8	520.5	118.9	219.4	-116.6	414.2
	100	2275.5	352.4	73.3	-23.2	-431.7	0.0
	67	1617.2	-256.3	-356.6	-96.1	229.8	0.0
	19	-38.0	-215.0	-176.3	-117.6	-611.0	0.0
2	36	-1040.2	600.6	136.2	251.4	-133.7	478.2
	100	2629.4	404.2	83.8	-26.5	-496.3	0.0
	67	1864.4	-293.8	-409.0	-110.2	266.0	0.0
	19	-45.9	-246.6	-202.2	-134.9	-703.7	0.0
3	36	-267.4	435.5	50.2	11.3	-4.2	80.1
	100	1451.3	61.9	70.3	8.2	-34.1	0.0
	67	1233.0	-106.8	-13.5	-23.7	-61.8	0.0
	19	226.9	-43.5	-50.4	-31.0	-164.2	0.0
4	36	-342.4	564.7	166.8	375.8	-160.0	118.3
	100	1867.4	394.7	92.5	-25.7	-122.4	0.0
	67	1025.5	-349.7	-496.4	-81.2	-10.4	0.0
	19	-110.6	-249.2	-165.3	-122.2	-273.4	0.0
5	36	-451.6	214.9	-98.6	-432.8	173.0	189.4
	100	1032.8	-298.6	26.3	41.5	-107.1	0.0
	67	1554.0	200.0	538.6	28.9	27.9	0.0
	19	557.6	184.4	65.3	66.3	-211.4	0.0
6	36	-684.7	155.1	-109.6	-449.0	169.1	321.2
	100	1090.2	-274.7	10.8	36.3	-258.0	0.0
	67	1621.6	220.1	528.8	16.5	156.3	0.0
	19	503.6	174.1	49.6	58.6	-361.2	0.0
7	36	-1044.1	236.1	13.6	-42.6	-17.3	519.6
	100	1642.7	141.4	18.5	-9.4	-537.1	0.0
	67	1458.4	-39.9	-46.0	-65.0	365.9	0.0
	19	47.0	-77.8	-102.8	-56.7	-663.3	0.0
8	36	-1119.1	365.3	130.2	321.9	-173.1	557.8
	100	2058.9	474.3	40.7	-43.2	-625.4	0.0
	67	1250.9	-282.8	-529.0	-122.4	417.4	0.0

	19	-290.5	-283.4	-217.7	-147.9	-772.6	0.0
9	36	-701.8	645.6	290.0	782.2	-346.4	316.7
	100	2420.0	810.8	100.2	-71.3	-401.5	0.0
	67	862.3	-609.7	-1071.2	-162.6	199.3	0.0
	19	-567.2	-501.1	-317.7	-237.5	-575.6	0.0
10	36	-934.8	585.8	279.0	766.1	-350.3	448.6
	100	2477.4	834.7	84.7	-76.6	-552.4	0.0
	67	929.9	-589.6	-1081.0	-175.0	327.6	0.0
	19	-621.1	-511.3	-333.4	-245.3	-725.3	0.0
11	36	-693.6	400.4	91.2	168.2	-89.4	318.7
	100	1751.6	270.3	56.1	-17.7	-331.5	0.0
	67	1243.5	-196.5	-273.5	-73.7	177.0	0.0
	19	-29.9	-164.9	-135.2	-90.2	-469.6	0.0
12	36	-693.5	400.4	90.8	167.6	-89.1	318.8
	100	1752.9	269.5	55.9	-17.7	-330.8	0.0
	67	1242.9	-195.9	-272.7	-73.5	177.3	0.0
	19	-30.6	-164.4	-134.8	-89.9	-469.1	0.0
13	36	-693.6	400.4	91.2	168.2	-89.4	318.7
	100	1751.6	270.3	56.1	-17.7	-331.5	0.0
	67	1243.5	-196.5	-273.5	-73.7	177.0	0.0
	19	-29.9	-164.9	-135.2	-90.2	-469.6	0.0
14	36	-693.4	400.4	90.6	167.2	-88.9	318.9
	100	1753.8	268.9	55.7	-17.6	-330.4	0.0
	67	1242.5	-195.5	-272.1	-73.3	177.5	0.0
	19	-31.1	-164.0	-134.5	-89.7	-468.8	0.0
15	36	-693.6	400.4	91.2	168.2	-89.4	318.7
	100	1751.6	270.3	56.1	-17.7	-331.5	0.0
	67	1243.5	-196.5	-273.5	-73.7	177.0	0.0
	19	-29.9	-164.9	-135.2	-90.2	-469.6	0.0
16	36	-693.3	400.4	90.3	166.8	-88.7	318.9
	100	1754.7	268.3	55.6	-17.6	-330.0	0.0
	67	1242.1	-195.0	-271.5	-73.1	177.7	0.0
	19	-31.6	-163.7	-134.2	-89.6	-468.5	0.0
1	100	-202.2	-1188.8	692.7	313.4	-66.5	-65.4
	169	3280.7	-151.1	174.4	-200.1	358.0	0.0
	168	1406.7	-579.5	341.7	-69.6	-10.0	0.0
	67	-2218.9	37.9	266.5	-70.1	234.0	0.0
2	100	-235.6	-1378.5	794.7	359.5	-76.3	-76.9
	169	3771.0	-173.2	200.2	-229.5	409.6	0.0
	168	1639.1	-664.8	391.7	-79.9	-14.9	0.0
	67	-2555.1	43.3	305.6	-80.4	268.6	0.0
3	100	284.3	-777.2	75.8	-45.6	25.5	-146.2
	169	2504.7	-70.5	83.3	18.8	339.4	0.0
	168	943.3	-90.7	165.5	-10.7	-88.9	0.0
	67	-1664.3	27.5	-19.1	-13.1	231.5	0.0
4	100	358.9	-745.8	882.4	494.0	-96.4	-162.2
	169	2761.2	-221.0	132.3	-285.6	367.2	0.0
	168	910.1	-705.0	302.5	-53.3	-115.4	0.0
	67	-1933.4	-40.7	395.0	-49.1	267.1	0.0
5	100	-138.8	-926.8	-831.6	-665.1	157.2	-56.1
	169	2116.4	126.8	43.6	360.7	249.4	0.0
	168	1104.8	595.7	23.6	24.3	5.2	0.0
	67	-1281.4	131.7	-492.1	13.3	140.3	0.0
6	100	-426.8	-1023.7	-802.8	-656.5	148.1	5.2
	169	2040.1	145.4	58.6	349.4	200.1	0.0
	168	1209.9	569.8	39.0	11.6	59.4	0.0
	67	-1222.3	152.9	-483.3	-0.1	97.7	0.0
7	100	-675.7	-1100.0	171.9	-17.0	-4.8	58.0
	169	2250.4	-8.6	133.4	-18.8	175.1	0.0
	168	1293.7	-177.0	216.9	-52.9	91.6	0.0
	67	-1467.4	98.0	10.2	-57.6	89.4	0.0
8	100	-601.1	-1068.7	978.5	522.6	-126.7	42.0
	169	2506.9	-159.1	182.4	-323.2	203.0	0.0
	168	1260.4	-791.3	353.9	-95.5	65.0	0.0
	67	-1736.5	29.8	424.4	-93.6	124.9	0.0
9	100	110.0	-822.2	1857.1	1133.5	-249.2	-109.4
	169	2971.5	-374.9	207.1	-653.8	342.2	0.0
	168	993.9	-1451.8	480.4	-117.8	-83.2	0.0
	67	-2178.4	-95.6	888.5	-106.7	258.8	0.0
10	100	-178.0	-919.0	1885.9	1142.1	-258.3	-48.1
	169	2895.2	-356.4	222.1	-665.1	292.9	0.0
	168	1099.0	-1477.7	495.8	-130.4	-29.1	0.0
	67	-2119.3	-74.5	897.3	-120.0	216.2	0.0

11	100	-156.3	-916.7	531.4	240.4	-51.0	-50.8
	169	2518.9	-115.9	133.8	-153.4	274.3	0.0
	168	1087.3	-444.5	262.0	-53.4	-8.8	0.0
	67	-1705.2	29.0	204.4	-53.8	179.5	0.0
12	100	-157.1	-919.0	529.8	239.7	-50.8	-51.3
	169	2514.0	-115.5	133.5	-153.0	273.1	0.0
	168	1092.8	-443.2	261.1	-53.3	-10.0	0.0
	67	-1703.4	28.9	203.7	-53.6	179.0	0.0
13	100	-156.3	-916.7	531.4	240.4	-51.0	-50.8
	169	2518.9	-115.9	133.8	-153.4	274.3	0.0
	168	1087.3	-444.5	262.0	-53.4	-8.8	0.0
	67	-1705.2	29.0	204.4	-53.8	179.5	0.0
14	100	-157.6	-920.6	528.7	239.2	-50.7	-51.6
	169	2510.7	-115.2	133.2	-152.7	272.3	0.0
	168	1096.4	-442.3	260.6	-53.2	-10.8	0.0
	67	-1702.2	28.8	203.3	-53.5	178.7	0.0
15	100	-156.3	-916.7	531.4	240.4	-51.0	-50.8
	169	2518.9	-115.9	133.8	-153.4	274.3	0.0
	168	1087.3	-444.5	262.0	-53.4	-8.8	0.0
	67	-1705.2	29.0	204.4	-53.8	179.5	0.0
16	100	-158.1	-922.1	527.7	238.7	-50.6	-51.9
	169	2507.4	-114.9	133.0	-152.4	271.6	0.0
	168	1100.0	-441.4	260.0	-53.1	-11.5	0.0
	67	-1701.0	28.7	202.8	-53.4	178.4	0.0
1	169	-70.4	-2376.2	441.3	-346.4	29.6	-442.2
	522	1167.9	-343.9	700.3	64.8	-211.8	0.0
	521	4700.3	-181.6	714.4	-117.4	-877.0	0.0
	168	-1956.4	84.2	-122.5	-50.0	156.2	0.0
2	169	-78.2	-2729.7	506.2	-397.5	34.0	-506.8
	522	1395.9	-394.4	802.9	74.3	-232.2	0.0
	521	5376.3	-208.3	819.7	-134.6	-999.4	0.0
	168	-2270.7	96.6	-140.3	-57.5	183.3	0.0
3	169	-45.3	-1561.8	163.4	-114.2	61.1	-266.5
	522	864.5	-163.2	403.9	55.9	-191.0	0.0
	521	3288.9	-83.5	334.5	-68.6	-591.8	0.0
	168	-1511.4	72.6	-120.0	-44.1	109.8	0.0
4	169	78.8	-1640.9	478.9	-354.0	-48.9	-308.0
	522	1159.4	-328.6	603.2	16.4	-130.9	0.0
	521	3399.7	-172.9	715.0	-86.0	-639.1	0.0
	168	-1748.2	-2.0	-2.5	7.5	162.8	0.0
5	169	-237.2	-1617.6	-194.5	144.9	200.9	-252.2
	522	482.9	18.8	191.4	111.3	-252.0	0.0
	521	3308.7	13.6	-96.0	-56.6	-567.2	0.0
	168	-1159.2	179.8	-279.2	-118.3	39.2	0.0
6	169	-277.5	-1744.5	-185.8	127.2	210.8	-281.4
	522	450.6	9.4	208.7	119.2	-244.1	0.0
	521	3436.6	7.6	-84.5	-63.9	-593.4	0.0
	168	-1094.1	197.1	-298.2	-130.2	31.8	0.0
7	169	-179.7	-1985.0	192.6	-173.3	94.0	-363.8
	522	757.0	-194.5	461.4	82.3	-164.8	0.0
	521	3715.0	-103.6	372.8	-92.6	-679.2	0.0
	168	-1294.5	130.2	-183.3	-83.9	85.1	0.0
8	169	-55.5	-2064.1	508.1	-413.2	-16.0	-405.3
	522	1051.8	-360.0	660.8	42.7	-104.7	0.0
	521	3825.8	-192.9	753.3	-110.0	-726.6	0.0
	168	-1531.3	55.5	-65.9	-32.3	138.1	0.0
9	169	176.7	-1881.3	857.2	-654.6	-165.7	-390.4
	522	1465.8	-532.6	856.0	-20.6	-51.6	0.0
	521	3678.1	-284.1	1172.3	-114.8	-724.9	0.0
	168	-1948.6	-69.0	112.3	53.8	216.1	0.0
10	169	136.4	-2008.3	866.0	-672.3	-155.8	-419.6
	522	1433.5	-542.0	873.3	-12.6	-43.8	0.0
	521	3806.0	-290.1	1183.8	-122.0	-751.2	0.0
	168	-1883.5	-51.7	93.3	41.9	208.7	0.0
11	169	-53.2	-1823.9	338.5	-265.7	22.7	-339.1
	522	914.1	-263.7	537.0	49.7	-159.0	0.0
	521	3600.3	-139.3	548.1	-90.0	-670.5	0.0
	168	-1509.2	64.6	-93.9	-38.4	121.1	0.0
12	169	-52.1	-1819.8	337.4	-265.0	22.6	-337.9
	522	930.6	-262.9	535.3	49.6	-154.8	0.0
	521	3584.2	-138.9	546.5	-89.8	-666.3	0.0
	168	-1513.8	64.4	-93.5	-38.3	122.2	0.0
13	169	-53.2	-1823.9	338.5	-265.7	22.7	-339.1

	522	914.1	-263.7	537.0	49.7	-159.0	0.0
	521	3600.3	-139.3	548.1	-90.0	-670.5	0.0
	168	-1509.2	64.6	-93.9	-38.4	121.1	0.0
14	169	-51.5	-1817.1	336.8	-264.5	22.6	-337.1
	522	941.6	-262.4	534.1	49.5	-152.0	0.0
	521	3573.5	-138.6	545.5	-89.6	-663.4	0.0
	168	-1516.8	64.3	-93.3	-38.3	122.9	0.0
15	169	-53.2	-1823.9	338.5	-265.7	22.7	-339.1
	522	914.1	-263.7	537.0	49.7	-159.0	0.0
	521	3600.3	-139.3	548.1	-90.0	-670.5	0.0
	168	-1509.2	64.6	-93.9	-38.4	121.1	0.0
16	169	-50.8	-1814.3	336.1	-263.9	22.6	-336.3
	522	952.7	-261.8	532.9	49.4	-149.3	0.0
	521	3562.7	-138.4	544.4	-89.4	-660.6	0.0
	168	-1519.8	64.1	-93.0	-38.2	123.6	0.0
1	20	-818.2	686.6	-616.5	-1534.3	-568.3	349.2
	68	3575.0	2831.9	-1847.5	-1108.9	-460.1	0.0
	100	1013.7	-790.3	-933.4	2.9	318.9	0.0
	36	-900.0	-1425.2	-789.0	12.7	-731.6	0.0
2	20	-944.3	788.2	-706.5	-1759.1	-651.8	402.1
	68	4118.8	3247.6	-2118.2	-1271.9	-531.6	0.0
	100	1176.6	-906.5	-1070.5	3.3	366.3	0.0
	36	-1035.2	-1634.5	-904.8	14.6	-844.0	0.0
3	20	-235.3	472.5	-32.2	-203.1	-40.1	92.3
	68	2196.6	431.3	-154.2	-85.2	128.9	0.0
	100	914.9	-97.0	-76.1	-0.9	37.0	0.0
	36	-217.8	-218.9	-139.2	-8.4	-81.9	0.0
4	20	-359.2	449.6	-1059.9	-2355.3	-752.6	121.8
	68	2690.5	4202.2	-2909.9	-1465.0	-19.5	0.0
	100	825.2	-954.8	-1435.1	-16.9	90.1	0.0
	36	-617.9	-2108.9	-1163.2	34.3	-244.2	0.0
5	20	-323.3	542.7	1221.3	2386.7	766.0	170.2
	68	1829.7	-4082.1	3150.1	1476.6	15.4	0.0
	100	962.4	851.1	1541.3	25.5	100.9	0.0
	36	59.6	2042.0	1091.2	-60.6	-172.1	0.0
6	20	-522.7	579.9	1268.0	2454.4	744.5	266.5
	68	2008.9	-4180.0	3226.6	1435.6	-230.3	0.0
	100	913.4	805.8	1568.8	32.2	208.7	0.0
	36	-102.6	2089.9	1121.9	-62.6	-411.9	0.0
7	20	-900.0	596.7	123.4	22.6	-112.0	413.4
	68	2794.2	105.1	101.0	-222.1	-690.2	0.0
	100	751.5	-247.9	15.3	21.3	396.4	0.0
	36	-758.6	-59.1	-37.0	-15.1	-881.0	0.0
8	20	-1023.9	573.8	-904.4	-2129.5	-824.5	442.9
	68	3288.1	3875.9	-2654.6	-1601.9	-838.6	0.0
	100	661.8	-1105.7	-1343.7	5.4	449.4	0.0
	36	-1158.6	-1949.1	-1060.9	27.7	-1043.4	0.0
9	20	-736.5	466.4	-2204.6	-4787.1	-1609.1	268.6
	68	3475.8	8487.3	-6035.5	-3122.7	-479.4	0.0
	100	663.4	-2008.5	-2988.6	-27.8	277.7	0.0
	36	-1273.9	-4257.9	-2322.0	81.9	-713.4	0.0
10	20	-935.9	503.6	-2157.9	-4719.3	-1630.7	365.0
	68	3655.0	8389.4	-5958.9	-3163.7	-725.1	0.0
	100	614.3	-2053.7	-2961.2	-21.1	385.5	0.0
	36	-1436.1	-4210.0	-2291.3	79.9	-953.1	0.0
11	20	-629.4	526.8	-472.7	-1176.5	-435.9	268.3
	68	2748.0	2171.9	-1416.8	-850.5	-354.1	0.0
	100	782.0	-606.2	-715.9	2.2	244.7	0.0
	36	-691.2	-1093.1	-605.1	9.8	-562.7	0.0
12	20	-629.5	525.5	-471.0	-1172.7	-434.5	268.0
	68	2745.9	2165.0	-1412.1	-847.9	-354.4	0.0
	100	784.4	-604.4	-713.6	2.2	244.2	0.0
	36	-690.1	-1089.7	-603.2	9.7	-562.7	0.0
13	20	-629.4	526.8	-472.7	-1176.5	-435.9	268.3
	68	2748.0	2171.9	-1416.8	-850.5	-354.1	0.0
	100	782.0	-606.2	-715.9	2.2	244.7	0.0
	36	-691.2	-1093.1	-605.1	9.8	-562.7	0.0
14	20	-629.5	524.5	-469.9	-1170.2	-433.6	267.9
	68	2744.5	2160.5	-1409.0	-846.2	-354.6	0.0
	100	786.0	-603.2	-712.2	2.2	243.8	0.0
	36	-689.4	-1087.4	-602.0	9.7	-562.7	0.0
15	20	-629.4	526.8	-472.7	-1176.5	-435.9	268.3
	68	2748.0	2171.9	-1416.8	-850.5	-354.1	0.0

	100	782.0	-606.2	-715.9	2.2	244.7	0.0
	36	-691.2	-1093.1	-605.1	9.8	-562.7	0.0
16	20	-629.6	523.6	-468.8	-1167.6	-432.8	267.7
	68	2743.1	2155.9	-1406.0	-844.4	-354.8	0.0
	100	787.6	-601.9	-710.7	2.2	243.4	0.0
	36	-688.6	-1085.1	-600.7	9.7	-562.6	0.0
1	68	-172.8	-1259.9	1356.7	391.2	-630.4	-183.9
	170	2268.7	-296.3	341.5	-354.8	108.3	0.0
	169	2371.3	-805.5	373.2	103.2	-309.6	0.0
	100	-2100.4	-254.9	546.7	86.7	178.3	0.0
2	68	-198.5	-1450.4	1555.9	448.7	-723.1	-210.9
	170	2630.5	-339.7	391.5	-406.9	128.2	0.0
	169	2723.9	-923.9	428.0	118.3	-353.9	0.0
	100	-2427.5	-292.3	627.1	99.4	206.9	0.0
3	68	461.5	-727.8	245.8	42.6	-63.0	-266.1
	170	1685.9	-87.8	179.4	-36.1	102.4	0.0
	169	1544.9	-161.8	171.2	-4.8	-343.8	0.0
	100	-1536.2	-12.1	-18.1	-0.1	144.5	0.0
4	68	538.8	-769.5	1635.0	479.2	-809.6	-284.0
	170	2010.1	-405.5	270.9	-455.7	147.4	0.0
	169	1597.4	-934.7	461.5	192.2	-361.0	0.0
	100	-1854.8	-313.6	799.3	164.2	193.1	0.0
5	68	-71.0	-830.6	-1311.0	-441.0	777.7	-150.6
	170	1246.8	298.0	96.8	436.7	23.6	0.0
	169	1650.1	694.6	-190.3	-245.3	-240.8	0.0
	100	-1112.0	317.9	-954.0	-203.2	66.7	0.0
6	68	-450.2	-960.4	-1256.1	-419.0	751.8	-69.4
	170	1194.6	310.8	117.4	422.4	1.1	0.0
	169	1792.8	655.8	-209.7	-254.4	-169.8	0.0
	100	-1067.0	299.4	-938.8	-212.8	48.6	0.0
7	68	-802.4	-1160.5	428.7	116.1	-149.6	4.3
	170	1511.9	-44.9	248.3	-84.0	27.2	0.0
	169	2020.5	-291.0	106.3	-35.3	-107.1	0.0
	100	-1386.3	-74.1	32.6	-32.4	84.1	0.0
8	68	-725.2	-1202.2	1818.0	552.7	-896.2	-13.6
	170	1836.0	-362.6	339.8	-503.6	72.2	0.0
	169	2073.0	-1063.9	396.6	161.7	-124.4	0.0
	100	-1704.9	-375.6	850.0	132.0	132.7	0.0
9	68	186.5	-969.6	3319.9	1014.2	-1710.9	-210.3
	170	2327.4	-761.2	401.7	-962.1	173.5	0.0
	169	1825.1	-1881.5	777.5	411.3	-298.3	0.0
	100	-2174.1	-687.1	1770.7	344.7	228.7	0.0
10	68	-192.7	-1099.4	3374.8	1036.3	-1736.9	-129.2
	170	2275.2	-748.3	422.4	-976.4	151.0	0.0
	169	1967.8	-1920.3	758.1	402.2	-227.3	0.0
	100	-2129.1	-705.7	1785.9	335.0	210.6	0.0
11	68	-132.6	-968.0	1040.5	300.1	-483.5	-141.0
	170	1749.3	-227.2	261.9	-272.1	84.4	0.0
	169	1820.1	-617.8	286.2	79.1	-237.1	0.0
	100	-1617.0	-195.5	419.4	66.5	137.5	0.0
12	68	-132.3	-966.9	1037.3	299.2	-482.0	-140.6
	170	1753.7	-226.4	261.0	-271.3	85.5	0.0
	169	1815.9	-616.0	285.3	78.9	-236.0	0.0
	100	-1618.3	-194.9	418.1	66.3	137.9	0.0
13	68	-132.6	-968.0	1040.5	300.1	-483.5	-141.0
	170	1749.3	-227.2	261.9	-272.1	84.4	0.0
	169	1820.1	-617.8	286.2	79.1	-237.1	0.0
	100	-1617.0	-195.5	419.4	66.5	137.5	0.0
14	68	-132.1	-966.1	1035.1	298.5	-481.1	-140.3
	170	1756.6	-225.9	260.5	-270.7	86.2	0.0
	169	1813.1	-614.7	284.8	78.7	-235.2	0.0
	100	-1619.2	-194.5	417.2	66.1	138.2	0.0
15	68	-132.6	-968.0	1040.5	300.1	-483.5	-141.0
	170	1749.3	-227.2	261.9	-272.1	84.4	0.0
	169	1820.1	-617.8	286.2	79.1	-237.1	0.0
	100	-1617.0	-195.5	419.4	66.5	137.5	0.0
16	68	-131.9	-965.4	1033.0	297.9	-480.1	-140.0
	170	1759.5	-225.4	259.9	-270.1	86.9	0.0
	169	1810.3	-613.5	284.2	78.6	-234.4	0.0
	100	-1620.1	-194.1	416.4	66.0	138.5	0.0
1	170	303.2	-979.9	-65.3	-368.4	165.0	-121.2
	523	5491.5	-317.6	540.0	119.6	798.4	0.0

	522	299.8	-132.4	839.7	-64.8	214.2	0.0
	169	-3275.7	515.3	-201.1	67.3	393.9	0.0
2	170	344.2	-1146.4	-74.7	-422.4	189.3	-143.1
	523	6287.0	-364.7	619.6	137.2	908.8	0.0
	522	396.5	-151.7	962.9	-74.3	235.0	0.0
	169	-3765.2	591.0	-230.8	77.2	451.1	0.0
3	170	218.7	-594.7	61.5	-186.7	63.5	-46.8
	523	3910.0	-134.7	307.8	73.9	579.4	0.0
	522	127.2	-96.3	448.7	-49.3	183.0	0.0
	169	-2516.9	177.7	-133.0	-38.1	260.9	0.0
4	170	301.6	-716.7	-217.3	-303.7	166.6	-79.0
	523	4077.3	-323.9	546.7	88.0	536.0	0.0
	522	328.4	-71.2	778.3	-29.1	135.6	0.0
	169	-2736.7	652.0	-233.1	179.3	292.6	0.0
5	170	98.1	-534.6	406.7	-74.6	-49.5	-33.3
	523	3833.5	77.3	17.8	64.6	658.8	0.0
	522	-61.8	-137.3	81.8	-79.9	231.7	0.0
	169	-2173.0	-391.7	4.8	-305.2	239.5	0.0
6	170	77.8	-605.1	423.8	-95.5	-43.1	-53.8
	523	3935.2	69.6	8.0	70.7	683.5	0.0
	522	-22.7	-147.3	96.8	-86.0	225.9	0.0
	169	-2098.0	-405.5	22.8	-316.9	252.7	0.0
7	170	150.9	-829.7	118.5	-256.4	84.6	-115.4
	523	4249.1	-160.1	275.4	94.1	661.7	0.0
	522	257.8	-129.7	498.8	-69.4	163.8	0.0
	169	-2266.9	131.8	-73.0	-76.9	305.0	0.0
8	170	233.8	-951.8	-160.3	-373.4	187.7	-147.6
	523	4416.4	-349.4	514.3	108.2	618.3	0.0
	522	459.0	-104.6	828.4	-49.2	116.4	0.0
	169	-2486.7	606.1	-173.1	140.5	336.7	0.0
9	170	374.7	-941.4	-522.7	-464.5	294.3	-140.6
	523	4391.2	-553.7	814.1	111.4	514.2	0.0
	522	608.9	-53.5	1180.3	-12.5	73.5	0.0
	169	-2905.6	1189.3	-329.0	419.2	344.9	0.0
10	170	354.4	-1011.9	-505.6	-485.4	300.6	-161.2
	523	4492.9	-561.3	804.3	117.5	538.9	0.0
	522	648.1	-63.6	1195.3	-18.6	67.8	0.0
	169	-2830.6	1175.5	-311.0	407.6	358.1	0.0
11	170	231.4	-758.9	-50.0	-282.5	126.6	-94.3
	523	4208.2	-243.7	414.2	91.8	610.1	0.0
	522	247.0	-101.5	644.0	-49.7	160.8	0.0
	169	-2515.1	395.2	-154.3	51.6	301.9	0.0
12	170	229.5	-764.3	-49.8	-281.6	126.2	-95.4
	523	4191.3	-243.1	413.0	91.5	605.9	0.0
	522	264.3	-101.1	642.0	-49.5	156.6	0.0
	169	-2510.1	394.0	-153.8	51.5	300.7	0.0
13	170	231.4	-758.9	-50.0	-282.5	126.6	-94.3
	523	4208.2	-243.7	414.2	91.8	610.1	0.0
	522	247.0	-101.5	644.0	-49.7	160.8	0.0
	169	-2515.1	395.2	-154.3	51.6	301.9	0.0
14	170	228.2	-767.9	-49.6	-281.0	126.0	-96.1
	523	4180.1	-242.7	412.2	91.3	603.1	0.0
	522	275.8	-100.8	640.6	-49.4	153.9	0.0
	169	-2506.8	393.2	-153.5	51.4	300.0	0.0
15	170	231.4	-758.9	-50.0	-282.5	126.6	-94.3
	523	4208.2	-243.7	414.2	91.8	610.1	0.0
	522	247.0	-101.5	644.0	-49.7	160.8	0.0
	169	-2515.1	395.2	-154.3	51.6	301.9	0.0
16	170	226.9	-771.4	-49.5	-280.3	125.7	-96.8
	523	4168.8	-242.3	411.4	91.1	600.3	0.0
	522	287.4	-100.6	639.2	-49.3	151.1	0.0
	169	-2503.5	392.3	-153.2	51.2	299.2	0.0
1	73	24.9	481.4	-68.7	-5.0	-40.7	3.5
	106	1896.9	270.6	-166.5	-32.4	173.7	0.0
	105	1033.8	154.3	-333.7	-52.3	-122.7	0.0
	37	110.2	-356.2	-132.3	-26.0	-25.5	0.0
2	73	27.7	549.1	-79.3	-5.9	-46.5	3.1
	106	2179.8	309.7	-191.2	-36.9	198.6	0.0
	105	1205.5	177.2	-382.0	-59.8	-144.1	0.0
	37	129.7	-407.7	-151.3	-29.6	-30.5	0.0
3	73	22.1	452.1	-64.2	-24.9	-31.4	13.2
	106	1311.8	217.8	-114.3	-18.0	107.2	0.0
	105	741.2	133.2	-253.3	-42.3	-89.6	0.0

	37	211.2	-286.9	-130.2	-25.9	-39.9	0.0
4	73	27.1	487.4	56.9	91.2	-36.4	18.8
	106	1269.6	76.3	-35.8	-23.0	117.9	0.0
	105	688.5	-27.8	-137.8	-26.6	-82.0	0.0
	37	257.3	-105.6	14.4	-16.8	-31.3	0.0
5	73	11.5	335.8	-240.0	-186.5	-23.5	-3.4
	106	1471.2	423.4	-242.2	-14.9	107.9	0.0
	105	870.0	366.4	-428.3	-64.2	-106.6	0.0
	37	55.0	-549.9	-328.3	-35.3	-39.8	0.0
6	73	7.5	271.4	-269.5	-208.8	-21.6	-12.1
	106	1565.6	458.2	-273.3	-17.2	119.2	0.0
	105	927.7	405.4	-462.8	-67.2	-113.6	0.0
	37	-32.8	-594.0	-353.6	-34.2	-30.9	0.0
7	73	8.6	237.5	-162.6	-99.3	-25.1	-15.8
	106	1626.5	333.8	-218.1	-25.8	144.8	0.0
	105	933.4	263.1	-368.2	-52.4	-113.0	0.0
	37	-81.5	-434.1	-214.5	-22.3	-10.6	0.0
8	73	13.6	272.8	-41.4	16.9	-30.0	-10.3
	106	1584.4	192.3	-139.6	-30.8	155.4	0.0
	105	880.6	102.1	-252.7	-36.7	-105.4	0.0
	37	-35.4	-252.9	-70.0	-13.1	-1.9	0.0
9	73	28.3	453.5	163.9	200.8	-39.9	15.0
	106	1330.6	-48.2	19.5	-31.6	143.5	0.0
	105	694.2	-170.1	-43.2	-11.9	-81.4	0.0
	37	208.6	54.3	153.4	-4.8	-10.9	0.0
10	73	24.2	389.2	134.4	178.4	-38.0	6.3
	106	1425.0	-13.4	-11.7	-33.9	154.8	0.0
	105	751.8	-131.1	-77.7	-14.9	-88.4	0.0
	37	120.8	10.1	128.1	-3.7	-2.1	0.0
11	73	18.8	368.2	-52.8	-3.9	-31.2	2.4
	106	1456.2	207.3	-127.8	-24.8	133.0	0.0
	105	799.3	118.4	-255.7	-40.1	-95.2	0.0
	37	85.6	-272.9	-101.3	-19.9	-19.9	0.0
12	73	18.5	366.1	-52.8	-3.9	-31.0	2.0
	106	1453.2	206.5	-127.5	-24.6	132.4	0.0
	105	803.7	118.1	-254.7	-39.9	-96.1	0.0
	37	86.4	-271.8	-100.9	-19.7	-20.3	0.0
13	73	18.8	368.2	-52.8	-3.9	-31.2	2.4
	106	1456.2	207.3	-127.8	-24.8	133.0	0.0
	105	799.3	118.4	-255.7	-40.1	-95.2	0.0
	37	85.6	-272.9	-101.3	-19.9	-19.9	0.0
14	73	18.2	364.6	-52.8	-4.0	-30.9	1.8
	106	1451.1	205.9	-127.3	-24.5	132.0	0.0
	105	806.6	117.9	-254.0	-39.7	-96.6	0.0
	37	87.0	-271.0	-100.5	-19.7	-20.6	0.0
15	73	18.8	368.2	-52.8	-3.9	-31.2	2.4
	106	1456.2	207.3	-127.8	-24.8	133.0	0.0
	105	799.3	118.4	-255.7	-40.1	-95.2	0.0
	37	85.6	-272.9	-101.3	-19.9	-19.9	0.0
16	73	18.0	363.2	-52.8	-4.0	-30.8	1.6
	106	1449.1	205.3	-127.0	-24.4	131.5	0.0
	105	809.5	117.7	-253.3	-39.6	-97.2	0.0
	37	87.6	-270.2	-100.2	-19.6	-20.8	0.0
1	106	-1429.7	-2168.6	-133.7	185.0	-124.2	173.9
	181	561.5	222.7	-650.8	-121.9	-218.6	0.0
	180	4176.5	65.3	-386.3	127.0	110.1	0.0
	105	-1033.8	-154.3	333.7	52.3	122.7	0.0
2	106	-1620.9	-2487.0	-153.1	212.3	-142.0	194.5
	181	694.9	255.6	-745.4	-139.4	-239.9	0.0
	180	4769.5	74.7	-443.4	144.7	123.3	0.0
	105	-1205.5	-177.2	382.0	59.8	144.1	0.0
3	106	-813.6	-1323.8	-141.6	130.5	-102.2	90.2
	181	557.9	238.7	-582.3	-104.4	-105.3	0.0
	180	2606.2	64.3	-355.8	86.6	47.0	0.0
	105	-670.8	-173.0	253.3	42.3	89.6	0.0
4	106	-1009.7	-1471.6	-88.8	54.0	-55.1	127.2
	181	340.4	75.6	-326.6	-51.8	-159.6	0.0
	180	2933.7	85.7	-161.2	84.2	84.0	0.0
	105	-614.9	-79.7	137.8	26.6	82.0	0.0
5	106	-691.6	-1327.4	-193.6	253.7	-167.9	59.2
	181	840.3	437.8	-908.3	-175.7	-56.3	0.0
	180	2491.2	21.6	-607.8	96.4	14.0	0.0
	105	-853.7	-275.6	428.3	64.1	106.6	0.0

6	106	-783.1	-1478.4	-185.4	282.9	-177.1	69.7
	181	865.0	445.3	-931.9	-184.1	-68.6	0.0
	180	2720.1	6.2	-629.3	102.4	22.8	0.0
	105	-954.5	-270.4	462.8	67.2	113.6	0.0
7	106	-1118.7	-1827.1	-114.1	227.7	-132.8	125.1
	181	639.9	263.8	-661.1	-132.7	-146.2	0.0
	180	3369.2	13.1	-427.4	106.7	76.2	0.0
	105	-1006.9	-155.6	368.2	52.4	113.0	0.0
8	106	-1314.8	-1975.0	-61.2	151.2	-85.7	162.2
	181	422.4	100.6	-405.3	-80.1	-200.4	0.0
	180	3696.7	34.5	-232.9	104.4	113.2	0.0
	105	-951.0	-62.3	252.7	36.7	105.4	0.0
9	106	-1345.3	-1820.3	-17.4	-1.2	-10.8	182.7
	181	115.3	-106.0	-55.7	-0.3	-237.2	0.0
	180	3582.7	92.6	40.7	88.5	137.4	0.0
	105	-667.3	35.1	43.2	11.9	81.4	0.0
10	106	-1436.8	-1971.4	-9.2	27.9	-20.0	193.1
	181	139.9	-98.5	-79.3	-8.8	-249.4	0.0
	180	3811.6	77.2	19.2	94.6	146.2	0.0
	105	-768.2	40.3	77.7	14.9	88.4	0.0
11	106	-1090.5	-1663.2	-102.4	141.9	-95.1	131.7
	181	447.2	170.9	-498.8	-93.4	-164.2	0.0
	180	3196.6	50.0	-296.4	97.1	83.5	0.0
	105	-799.3	-118.4	255.7	40.1	95.2	0.0
12	106	-1080.6	-1658.0	-102.1	141.5	-94.7	129.7
	181	463.3	170.4	-496.9	-92.9	-159.9	0.0
	180	3179.7	49.8	-295.6	96.5	82.2	0.0
	105	-803.7	-118.1	254.7	39.9	96.1	0.0
13	106	-1090.5	-1663.2	-102.4	141.9	-95.1	131.7
	181	447.2	170.9	-498.8	-93.4	-164.2	0.0
	180	3196.6	50.0	-296.4	97.1	83.5	0.0
	105	-799.3	-118.4	255.7	40.1	95.2	0.0
14	106	-1074.1	-1654.6	-101.8	141.2	-94.4	128.3
	181	474.0	170.1	-495.7	-92.7	-157.1	0.0
	180	3168.4	49.6	-295.1	96.1	81.4	0.0
	105	-806.6	-117.9	254.0	39.7	96.6	0.0
15	106	-1090.5	-1663.2	-102.4	141.9	-95.1	131.7
	181	447.2	170.9	-498.8	-93.4	-164.2	0.0
	180	3196.6	50.0	-296.4	97.1	83.5	0.0
	105	-799.3	-118.4	255.7	40.1	95.2	0.0
16	106	-1067.5	-1651.1	-101.5	141.0	-94.1	126.9
	181	484.8	169.8	-494.4	-92.4	-154.3	0.0
	180	3157.1	49.5	-294.6	95.7	80.5	0.0
	105	-809.5	-117.7	253.3	39.6	97.2	0.0
1	74	-308.8	453.9	-111.5	-26.4	-44.5	188.2
	108	2132.1	219.4	-160.1	-45.2	230.6	0.0
	107	1011.5	174.8	-289.7	8.6	89.6	0.0
	38	-75.4	-282.7	-115.2	0.1	-8.7	0.0
2	74	-354.5	515.4	-127.8	-30.3	-51.0	213.7
	108	2447.7	251.6	-183.5	-51.8	263.1	0.0
	107	1183.2	200.1	-331.9	9.8	97.8	0.0
	38	-82.2	-323.9	-131.8	0.1	-11.4	0.0
3	74	-173.6	405.9	-102.3	-59.4	-37.1	117.6
	108	1550.5	206.2	-108.0	-31.6	146.2	0.0
	107	748.9	151.4	-228.8	-2.1	32.6	0.0
	38	5.2	-257.1	-139.8	-11.9	-29.9	0.0
4	74	-211.9	430.8	21.3	70.9	-40.7	143.0
	108	1492.6	68.5	-42.3	-28.9	166.3	0.0
	107	710.4	-1.7	-128.0	4.4	62.8	0.0
	38	74.2	-90.0	1.2	-5.0	-13.0	0.0
5	74	-158.7	321.1	-277.5	-229.6	-29.4	95.0
	108	1690.3	387.4	-217.1	-37.6	134.9	0.0
	107	841.5	370.3	-375.3	-6.0	7.5	0.0
	38	-139.5	-480.7	-317.0	-14.0	-40.4	0.0
6	74	-184.2	273.4	-304.0	-245.1	-26.3	101.1
	108	1752.2	405.1	-245.1	-40.0	145.3	0.0
	107	882.5	404.8	-400.2	-2.9	16.1	0.0
	38	-194.5	-505.3	-327.8	-8.9	-32.6	0.0
7	74	-258.6	246.8	-190.8	-111.1	-26.9	138.0
	108	1756.9	265.2	-201.1	-39.7	181.0	0.0
	107	885.4	266.5	-311.8	8.4	61.4	0.0
	38	-178.2	-339.1	-175.7	5.1	-3.7	0.0
8	74	-296.9	271.7	-67.2	19.3	-30.5	163.5

	108	1698.9	127.6	-135.5	-37.0	201.2	0.0
	107	846.9	113.4	-211.0	14.9	91.5	0.0
	38	-109.3	-172.0	-34.7	12.1	13.2	0.0
9	74	-286.3	404.3	134.6	205.0	-41.2	179.9
	108	1497.2	-71.4	1.6	-28.6	202.0	0.0
	107	713.3	-140.0	-39.6	15.7	108.1	0.0
	38	90.4	76.2	153.3	9.0	15.8	0.0
10	74	-311.8	356.5	108.0	189.5	-38.2	186.0
	108	1559.1	-53.7	-26.3	-31.0	212.5	0.0
	107	754.3	-105.5	-64.5	18.9	116.7	0.0
	38	35.4	51.6	142.5	14.1	23.7	0.0
11	74	-237.0	346.4	-85.5	-20.3	-34.1	143.7
	108	1636.1	168.3	-122.7	-34.6	176.4	0.0
	107	783.3	133.9	-222.1	6.6	67.1	0.0
	38	-56.4	-216.7	-88.3	0.1	-7.1	0.0
12	74	-236.3	343.6	-85.2	-20.2	-34.0	142.5
	108	1631.8	167.8	-122.4	-34.5	175.4	0.0
	107	788.8	133.4	-221.2	6.5	65.2	0.0
	38	-54.8	-215.9	-87.9	0.1	-7.6	0.0
13	74	-237.0	346.4	-85.5	-20.3	-34.1	143.7
	108	1636.1	168.3	-122.7	-34.6	176.4	0.0
	107	783.3	133.9	-222.1	6.6	67.1	0.0
	38	-56.4	-216.7	-88.3	0.1	-7.1	0.0
14	74	-235.9	341.7	-85.0	-20.1	-33.9	141.7
	108	1629.0	167.4	-122.1	-34.4	174.7	0.0
	107	792.4	133.0	-220.7	6.5	64.0	0.0
	38	-53.7	-215.4	-87.6	0.1	-7.9	0.0
15	74	-237.0	346.4	-85.5	-20.3	-34.1	143.7
	108	1636.1	168.3	-122.7	-34.6	176.4	0.0
	107	783.3	133.9	-222.1	6.6	67.1	0.0
	38	-56.4	-216.7	-88.3	0.1	-7.1	0.0
16	74	-235.5	339.8	-84.8	-20.1	-33.8	140.9
	108	1626.1	167.0	-121.8	-34.3	174.0	0.0
	107	796.1	132.6	-220.2	6.4	62.7	0.0
	38	-52.6	-214.8	-87.4	0.1	-8.2	0.0
1	108	-541.2	-2214.0	-225.2	166.2	-139.0	-239.0
	183	562.3	260.8	-719.5	-125.2	-249.2	0.0
	182	4234.2	160.0	-487.8	119.4	-588.8	0.0
	107	-1046.9	-195.6	283.6	118.1	52.7	0.0
2	108	-619.0	-2544.3	-258.0	190.6	-159.2	-273.2
	183	694.4	298.4	-824.4	-143.4	-276.2	0.0
	182	4843.3	184.0	-559.3	137.0	-669.0	0.0
	107	-1221.5	-224.3	324.9	135.3	63.8	0.0
3	108	-361.8	-1481.1	-224.0	117.3	-124.7	-154.8
	183	553.2	259.5	-664.1	-114.4	-139.2	0.0
	182	2850.8	163.2	-447.8	100.5	-382.8	0.0
	107	-755.0	-213.1	218.9	100.1	56.3	0.0
4	108	-339.9	-1584.5	-134.2	47.5	-63.0	-179.8
	183	298.7	112.0	-389.8	-52.5	-174.6	0.0
	182	3089.5	128.9	-235.5	63.1	-438.3	0.0
	107	-630.3	-122.3	122.8	57.3	51.9	0.0
5	108	-428.4	-1470.6	-323.1	229.5	-204.7	-135.0
	183	894.2	439.9	-997.7	-194.7	-112.4	0.0
	182	2736.7	186.5	-715.9	150.5	-338.6	0.0
	107	-991.0	-305.9	362.1	157.7	54.5	0.0
6	108	-463.7	-1565.1	-318.2	256.0	-211.7	-143.1
	183	931.9	447.0	-1009.3	-201.6	-124.8	0.0
	182	2877.4	172.2	-733.5	156.0	-356.4	0.0
	107	-1068.7	-294.5	388.7	164.3	48.6	0.0
7	108	-479.3	-1796.0	-207.7	205.4	-148.0	-181.7
	183	679.1	283.0	-702.8	-137.5	-180.6	0.0
	182	3320.0	115.6	-506.3	118.8	-441.9	0.0
	107	-1013.9	-175.2	307.6	122.0	36.5	0.0
8	108	-457.4	-1899.5	-117.9	135.6	-86.3	-206.7
	183	424.6	135.4	-428.4	-75.6	-216.0	0.0
	182	3558.6	81.3	-294.0	81.4	-497.4	0.0
	107	-889.3	-84.4	211.5	79.2	32.1	0.0
9	108	-355.5	-1815.4	-23.7	-3.1	0.7	-218.3
	183	45.8	-52.0	-83.3	11.7	-230.4	0.0
	182	3532.1	72.2	-8.3	25.8	-523.8	0.0
	107	-575.5	-3.0	41.7	15.0	39.9	0.0
10	108	-390.7	-1909.9	-18.9	23.3	-6.3	-226.4
	183	83.6	-44.9	-94.8	4.7	-242.8	0.0

	182	3672.8	57.9	-25.8	31.3	-541.5	0.0
	107	-653.2	8.4	68.3	21.6	33.9	0.0
11	108	-414.5	-1699.7	-172.6	127.5	-106.5	-183.0
	183	447.3	199.8	-551.6	-96.0	-188.0	0.0
	182	3243.3	122.9	-374.1	91.6	-449.5	0.0
	107	-809.7	-150.0	217.4	90.5	41.5	0.0
12	108	-412.7	-1696.2	-172.0	127.1	-106.2	-182.2
	183	462.9	198.9	-549.6	-95.6	-184.1	0.0
	182	3228.9	122.6	-372.9	91.4	-446.0	0.0
	107	-814.4	-149.6	216.6	90.2	42.5	0.0
13	108	-414.5	-1699.7	-172.6	127.5	-106.5	-183.0
	183	447.3	199.8	-551.6	-96.0	-188.0	0.0
	182	3243.3	122.9	-374.1	91.6	-449.5	0.0
	107	-809.7	-150.0	217.4	90.5	41.5	0.0
14	108	-411.4	-1693.8	-171.6	126.8	-105.9	-181.6
	183	473.3	198.4	-548.3	-95.3	-181.5	0.0
	182	3219.2	122.5	-372.1	91.2	-443.6	0.0
	107	-817.5	-149.2	216.0	90.0	43.2	0.0
15	108	-414.5	-1699.7	-172.6	127.5	-106.5	-183.0
	183	447.3	199.8	-551.6	-96.0	-188.0	0.0
	182	3243.3	122.9	-374.1	91.6	-449.5	0.0
	107	-809.7	-150.0	217.4	90.5	41.5	0.0
16	108	-410.2	-1691.4	-171.2	126.6	-105.6	-181.0
	183	483.7	197.8	-546.9	-95.1	-178.9	0.0
	182	3209.6	122.3	-371.3	91.0	-441.3	0.0
	107	-820.6	-148.9	215.5	89.8	43.9	0.0
1	38	-145.2	-252.0	-244.8	-83.9	-11.9	-84.4
	107	842.7	185.5	-259.0	-7.5	-63.9	0.0
	106	2399.0	143.6	-157.0	34.5	-389.6	0.0
	73	532.4	-84.3	6.2	29.3	-158.3	0.0
2	38	-166.2	-280.0	-280.3	-96.0	-13.6	-94.9
	107	993.2	212.9	-296.7	-8.6	-68.8	0.0
	106	2747.2	164.5	-180.3	39.3	-444.0	0.0
	73	603.7	-97.1	6.9	33.5	-179.9	0.0
3	38	-51.5	18.9	-213.3	-103.5	-8.8	-45.8
	107	730.3	181.5	-197.1	0.4	-22.9	0.0
	106	1545.7	119.5	-117.0	17.1	-255.3	0.0
	73	410.0	-88.6	-30.3	14.6	-112.6	0.0
4	38	-83.8	-74.9	-50.1	42.3	-19.5	-53.6
	107	547.9	33.4	-90.5	-5.8	-46.9	0.0
	106	1705.7	-10.3	-53.4	22.8	-284.3	0.0
	73	526.9	26.1	71.7	11.5	-121.7	0.0
5	38	-43.6	21.6	-441.3	-296.6	7.2	-45.2
	107	967.5	377.9	-358.4	5.5	-0.6	0.0
	106	1494.7	309.0	-215.3	14.7	-237.6	0.0
	73	223.1	-245.8	-160.6	24.6	-102.9	0.0
6	38	-69.1	-69.9	-473.6	-316.4	10.2	-52.5
	107	988.5	398.2	-390.1	3.7	-5.4	0.0
	106	1611.0	341.6	-236.0	18.2	-251.4	0.0
	73	179.9	-265.8	-170.3	30.1	-103.6	0.0
7	38	-136.4	-286.2	-321.0	-169.4	1.3	-70.1
	107	800.1	249.1	-302.8	-5.6	-39.1	0.0
	106	1933.4	228.2	-185.9	29.0	-301.4	0.0
	73	265.8	-155.4	-62.6	32.8	-115.0	0.0
8	38	-168.7	-380.0	-157.9	-23.6	-9.4	-77.9
	107	617.7	101.1	-196.2	-11.8	-63.1	0.0
	106	2093.4	98.4	-122.3	34.7	-330.4	0.0
	73	382.8	-40.7	39.3	29.6	-124.0	0.0
9	38	-151.2	-291.1	102.4	189.3	-28.4	-71.2
	107	359.5	-115.6	-3.2	-15.2	-80.6	0.0
	106	2028.1	-123.7	-3.4	33.5	-334.3	0.0
	73	612.9	136.5	179.3	14.2	-133.1	0.0
10	38	-176.6	-382.7	70.1	169.5	-25.4	-78.5
	107	380.5	-95.4	-34.9	-17.0	-85.5	0.0
	106	2144.4	-91.0	-24.0	37.1	-348.1	0.0
	73	569.6	116.5	169.6	19.6	-133.8	0.0
11	38	-111.3	-190.4	-187.6	-64.3	-9.1	-64.1
	107	655.0	142.3	-198.5	-5.7	-47.5	0.0
	106	1838.6	110.1	-120.5	26.4	-297.9	0.0
	73	406.1	-64.8	4.7	22.5	-120.9	0.0
12	38	-110.8	-186.7	-186.9	-64.0	-9.1	-63.3
	107	662.1	141.9	-197.8	-5.7	-45.8	0.0
	106	1831.5	109.7	-120.2	26.2	-296.0	0.0

	73	402.5	-64.7	4.6	22.3	-119.9	0.0
13	38	-111.3	-190.4	-187.6	-64.3	-9.1	-64.1
	107	655.0	142.3	-198.5	-5.7	-47.5	0.0
	106	1838.6	110.1	-120.5	26.4	-297.9	0.0
	73	406.1	-64.8	4.7	22.5	-120.9	0.0
14	38	-110.5	-184.2	-186.4	-63.8	-9.1	-62.7
	107	666.9	141.7	-197.3	-5.7	-44.7	0.0
	106	1826.7	109.4	-120.0	26.1	-294.7	0.0
	73	400.0	-64.7	4.6	22.3	-119.3	0.0
15	38	-111.3	-190.4	-187.6	-64.3	-9.1	-64.1
	107	655.0	142.3	-198.5	-5.7	-47.5	0.0
	106	1838.6	110.1	-120.5	26.4	-297.9	0.0
	73	406.1	-64.8	4.7	22.5	-120.9	0.0
16	38	-110.3	-181.8	-185.8	-63.6	-9.1	-62.1
	107	671.6	141.4	-196.9	-5.7	-43.6	0.0
	106	1821.9	109.1	-119.8	26.0	-293.5	0.0
	73	397.6	-64.7	4.5	22.2	-118.6	0.0
1	107	-214.5	-807.4	-164.7	265.0	-119.2	-78.3
	182	4470.5	188.1	-510.9	-135.0	547.6	0.0
	181	-0.1	257.2	-694.1	114.6	234.1	0.0
	106	-2127.4	-280.6	138.5	122.0	42.0	0.0
2	107	-248.5	-954.8	-188.6	303.7	-136.5	-92.8
	182	5102.9	215.1	-585.6	-154.4	622.4	0.0
	181	63.7	294.7	-794.9	131.4	258.0	0.0
	106	-2439.9	-321.1	159.2	139.7	50.9	0.0
3	107	-132.1	-612.3	-172.9	207.3	-97.7	-67.3
	182	2889.6	151.7	-466.0	-105.0	355.6	0.0
	181	287.3	266.2	-607.1	105.0	103.1	0.0
	106	-1434.7	-259.8	101.3	103.3	60.7	0.0
4	107	-117.1	-532.0	-95.2	96.2	-55.4	-70.4
	182	3162.4	110.2	-268.7	-70.6	406.3	0.0
	181	-8.2	144.5	-338.4	48.4	156.1	0.0
	106	-1364.4	-174.8	35.8	55.4	42.2	0.0
5	107	-178.8	-760.2	-257.2	371.7	-156.8	-59.8
	182	2812.4	208.1	-710.6	-155.3	316.5	0.0
	181	589.5	401.1	-958.2	178.3	66.2	0.0
	106	-1669.8	-355.6	203.7	168.4	71.1	0.0
6	107	-203.8	-806.8	-251.7	401.4	-165.1	-56.5
	182	3019.0	214.9	-723.1	-163.9	333.6	0.0
	181	553.1	395.0	-990.5	184.6	87.5	0.0
	106	-1801.0	-352.7	226.1	176.2	61.4	0.0
7	107	-215.4	-767.5	-154.7	306.5	-125.4	-56.2
	182	3578.3	174.4	-507.6	-133.8	412.7	0.0
	181	166.0	246.0	-714.6	125.9	174.1	0.0
	106	-1872.1	-250.3	175.7	129.5	28.5	0.0
8	107	-200.3	-687.3	-77.0	195.3	-83.1	-59.2
	182	3851.1	132.8	-310.3	-99.3	463.4	0.0
	181	-129.5	124.3	-445.9	69.3	227.0	0.0
	106	-1801.8	-165.4	110.2	81.6	9.9	0.0
9	107	-128.6	-492.7	1.8	1.2	-15.7	-70.1
	182	3721.6	69.6	-53.2	-40.4	485.4	0.0
	181	-395.3	-4.5	-62.5	-10.4	242.6	0.0
	106	-1435.4	-72.4	-14.5	8.7	9.3	0.0
10	107	-153.6	-539.3	7.3	30.9	-24.0	-66.8
	182	3928.3	76.4	-65.7	-49.1	502.5	0.0
	181	-431.7	-10.6	-94.8	-4.1	263.9	0.0
	106	-1566.7	-69.6	7.8	16.5	-0.4	0.0
11	107	-165.3	-628.6	-126.2	203.2	-91.4	-61.1
	182	3420.9	144.1	-391.7	-103.4	418.2	0.0
	181	20.7	197.1	-532.0	87.9	176.1	0.0
	106	-1631.7	-215.0	106.3	93.5	33.1	0.0
12	107	-165.7	-636.6	-125.7	202.5	-91.0	-61.9
	182	3401.9	143.4	-390.4	-102.9	414.9	0.0
	181	42.5	196.4	-529.9	87.6	172.0	0.0
	106	-1626.6	-214.1	106.1	93.1	33.9	0.0
13	107	-165.3	-628.6	-126.2	203.2	-91.4	-61.1
	182	3420.9	144.1	-391.7	-103.4	418.2	0.0
	181	20.7	197.1	-532.0	87.9	176.1	0.0
	106	-1631.7	-215.0	106.3	93.5	33.1	0.0
14	107	-165.9	-641.8	-125.4	202.0	-90.8	-62.5
	182	3389.3	142.9	-389.5	-102.6	412.8	0.0
	181	57.1	196.0	-528.6	87.4	169.2	0.0
	106	-1623.3	-213.5	106.0	92.8	34.5	0.0

15	107	-165.3	-628.6	-126.2	203.2	-91.4	-61.1
	182	3420.9	144.1	-391.7	-103.4	418.2	0.0
	181	20.7	197.1	-532.0	87.9	176.1	0.0
	106	-1631.7	-215.0	106.3	93.5	33.1	0.0
16	107	-166.1	-647.1	-125.1	201.5	-90.5	-63.0
	182	3376.7	142.5	-388.6	-102.3	410.6	0.0
	181	71.6	195.5	-527.2	87.2	166.4	0.0
	106	-1619.9	-212.9	105.8	92.6	35.1	0.0
1	75	-376.3	273.3	-128.1	-72.0	-37.8	191.8
	110	2047.8	254.4	-160.7	-45.6	234.0	0.0
	109	1202.6	198.0	-292.6	-6.3	66.5	0.0
	39	-1.4	-324.4	-153.3	-5.1	-2.6	0.0
2	75	-435.6	306.6	-147.0	-82.7	-43.4	219.0
	110	2349.1	291.8	-184.3	-52.2	266.5	0.0
	109	1404.3	226.9	-335.3	-7.2	72.5	0.0
	39	4.0	-371.7	-175.7	-5.8	-4.6	0.0
3	75	-274.6	236.1	-142.8	-133.8	-28.0	132.9
	110	1544.6	245.1	-114.9	-31.9	150.2	0.0
	109	920.1	202.9	-234.0	-13.0	30.5	0.0
	39	10.4	-311.7	-209.3	-15.5	-26.0	0.0
4	75	-255.3	288.8	7.4	50.6	-41.7	142.4
	110	1471.6	95.6	-55.3	-30.1	172.8	0.0
	109	854.7	16.8	-145.8	-3.9	44.6	0.0
	39	92.9	-126.4	-36.0	-9.4	-6.2	0.0
5	75	-315.6	130.5	-338.8	-358.1	-7.8	126.8
	110	1664.8	435.7	-210.6	-36.4	133.9	0.0
	109	1037.3	448.3	-359.6	-21.1	20.0	0.0
	39	-117.8	-547.0	-407.1	-16.6	-40.7	0.0
6	75	-331.4	92.8	-356.8	-366.0	-4.2	131.0
	110	1694.9	449.6	-232.9	-38.6	142.4	0.0
	109	1072.2	472.6	-378.9	-18.9	25.1	0.0
	39	-145.3	-563.4	-403.4	-11.4	-33.4	0.0
7	75	-327.2	110.2	-202.5	-160.3	-15.8	147.0
	110	1644.9	291.4	-189.3	-39.1	178.6	0.0
	109	1036.7	283.8	-298.7	-5.7	47.4	0.0
	39	-81.1	-366.2	-196.8	1.7	-1.8	0.0
8	75	-307.8	162.9	-52.4	24.0	-29.5	156.5
	110	1572.0	142.0	-129.6	-37.4	201.1	0.0
	109	971.2	97.8	-210.5	3.5	61.5	0.0
	39	1.4	-180.9	-23.6	7.8	18.0	0.0
9	75	-251.1	306.3	161.6	256.3	-53.3	158.4
	110	1421.7	-62.6	-11.7	-30.6	209.0	0.0
	109	819.1	-171.9	-65.5	9.4	66.9	0.0
	39	157.1	70.7	170.5	3.7	25.4	0.0
10	75	-266.8	268.5	143.7	248.4	-49.7	162.6
	110	1451.8	-48.7	-34.0	-32.8	217.5	0.0
	109	854.1	-147.6	-84.9	11.6	71.9	0.0
	39	129.7	54.4	174.2	8.9	32.7	0.0
11	75	-289.9	207.4	-98.3	-55.3	-29.0	146.8
	110	1570.8	195.2	-123.3	-35.0	178.9	0.0
	109	930.5	151.8	-224.3	-4.8	49.8	0.0
	39	0.8	-248.7	-117.6	-3.9	-2.5	0.0
12	75	-290.4	204.4	-98.0	-55.1	-28.9	146.0
	110	1566.1	194.5	-122.9	-34.8	177.7	0.0
	109	936.2	151.2	-223.5	-4.8	48.4	0.0
	39	2.7	-247.8	-117.1	-3.9	-3.1	0.0
13	75	-289.9	207.4	-98.3	-55.3	-29.0	146.8
	110	1570.8	195.2	-123.3	-35.0	178.9	0.0
	109	930.5	151.8	-224.3	-4.8	49.8	0.0
	39	0.8	-248.7	-117.6	-3.9	-2.5	0.0
14	75	-290.7	202.5	-97.8	-55.0	-28.8	145.5
	110	1563.0	194.1	-122.6	-34.7	176.9	0.0
	109	940.0	150.9	-223.0	-4.8	47.4	0.0
	39	4.0	-247.2	-116.9	-3.9	-3.4	0.0
15	75	-289.9	207.4	-98.3	-55.3	-29.0	146.8
	110	1570.8	195.2	-123.3	-35.0	178.9	0.0
	109	930.5	151.8	-224.3	-4.8	49.8	0.0
	39	0.8	-248.7	-117.6	-3.9	-2.5	0.0
16	75	-291.1	200.5	-97.6	-54.9	-28.8	145.0
	110	1559.8	193.7	-122.4	-34.7	176.1	0.0
	109	943.8	150.5	-222.5	-4.8	46.5	0.0
	39	5.3	-246.6	-116.6	-3.9	-3.8	0.0

RELAZIONE DI CALCOLO PONTE

1	110	-681.6	-2655.0	-255.3	165.9	-145.4	-282.6
	185	323.5	269.7	-764.7	-122.3	-327.6	0.0
	184	4736.8	197.7	-528.1	136.5	-663.2	0.0
	109	-869.7	-212.1	285.5	120.4	-21.7	0.0
2	110	-781.9	-3050.5	-292.7	190.3	-166.7	-322.6
	185	422.3	308.8	-876.4	-140.1	-365.4	0.0
	184	5419.0	227.1	-605.5	156.6	-753.1	0.0
	109	-1018.9	-243.2	327.1	138.1	-21.0	0.0
3	110	-488.6	-1929.4	-260.7	123.3	-137.4	-214.2
	185	407.9	277.9	-739.7	-118.4	-194.2	0.0
	184	3306.8	193.6	-500.5	117.6	-434.9	0.0
	109	-694.4	-229.5	224.1	109.1	6.7	0.0
4	110	-447.2	-1862.9	-144.7	58.5	-69.0	-248.0
	185	93.6	104.4	-447.5	-53.1	-229.5	0.0
	184	3505.9	151.4	-262.9	75.4	-501.4	0.0
	109	-515.9	-130.6	142.0	60.7	15.5	0.0
5	110	-572.5	-2098.1	-389.9	223.8	-222.2	-162.1
	185	815.7	489.6	-1071.8	-199.5	-170.2	0.0
	184	3200.4	227.5	-791.6	172.0	-376.3	0.0
	109	-960.8	-331.8	343.5	170.2	-19.5	0.0
6	110	-603.0	-2176.2	-384.6	245.0	-226.6	-151.2
	185	851.0	497.6	-1064.2	-203.8	-184.9	0.0
	184	3308.3	214.5	-803.5	176.4	-392.5	0.0
	109	-1010.5	-320.5	363.7	174.2	-33.2	0.0
7	110	-590.2	-2189.7	-243.2	194.1	-151.9	-178.1
	185	525.4	304.5	-714.4	-132.6	-243.3	0.0
	184	3666.4	150.1	-540.2	132.3	-489.0	0.0
	109	-860.3	-191.9	291.6	122.5	-39.0	0.0
8	110	-548.8	-2123.2	-127.3	129.2	-83.5	-211.9
	185	211.1	131.0	-422.1	-67.3	-278.6	0.0
	184	3865.4	108.0	-302.6	90.1	-555.4	0.0
	109	-681.8	-92.9	209.5	74.1	-30.2	0.0
9	110	-434.4	-1876.4	-3.4	7.6	5.7	-274.9
	185	-232.0	-88.7	-97.6	18.1	-287.8	0.0
	184	3864.0	87.1	0.4	31.4	-597.8	0.0
	109	-365.6	-2.0	69.8	9.0	9.7	0.0
10	110	-464.9	-1954.5	1.9	28.8	1.3	-264.1
	185	-196.7	-80.8	-90.0	13.8	-302.6	0.0
	184	3971.8	74.1	-11.5	35.8	-614.0	0.0
	109	-415.4	9.3	90.1	13.0	-4.0	0.0
11	110	-522.8	-2038.1	-195.8	127.3	-111.5	-216.3
	185	264.8	206.7	-586.3	-93.8	-247.9	0.0
	184	3628.6	151.8	-405.0	104.7	-506.2	0.0
	109	-674.0	-162.7	218.9	92.4	-15.4	0.0
12	110	-521.3	-2033.7	-195.1	126.9	-111.1	-215.1
	185	281.5	205.8	-584.3	-93.4	-243.6	0.0
	184	3612.7	151.4	-403.7	104.4	-502.1	0.0
	109	-679.3	-162.1	218.1	92.1	-14.0	0.0
13	110	-522.8	-2038.1	-195.8	127.3	-111.5	-216.3
	185	264.8	206.7	-586.3	-93.8	-247.9	0.0
	184	3628.6	151.8	-405.0	104.7	-506.2	0.0
	109	-674.0	-162.7	218.9	92.4	-15.4	0.0
14	110	-520.2	-2030.7	-194.7	126.6	-110.8	-214.3
	185	292.7	205.3	-582.9	-93.2	-240.7	0.0
	184	3602.0	151.2	-402.8	104.2	-499.3	0.0
	109	-682.8	-161.8	217.6	91.9	-13.1	0.0
15	110	-522.8	-2038.1	-195.8	127.3	-111.5	-216.3
	185	264.8	206.7	-586.3	-93.8	-247.9	0.0
	184	3628.6	151.8	-405.0	104.7	-506.2	0.0
	109	-674.0	-162.7	218.9	92.4	-15.4	0.0
16	110	-519.2	-2027.8	-194.2	126.4	-110.6	-213.5
	185	303.9	204.7	-581.6	-93.0	-237.8	0.0
	184	3591.4	150.9	-402.0	104.0	-496.5	0.0
	109	-686.3	-161.4	217.1	91.7	-12.2	0.0
1	39	-382.3	-157.2	-312.0	-148.3	-1.2	13.8
	109	937.4	212.9	-289.2	-0.7	-51.7	0.0
	108	2235.4	229.7	-179.1	40.8	-249.8	0.0
	74	506.6	-130.5	-47.2	35.5	-155.8	0.0
2	39	-439.1	-176.0	-357.3	-169.7	-1.5	17.4
	109	1098.2	244.2	-331.3	-0.9	-55.7	0.0
	108	2566.3	263.0	-205.5	46.6	-284.9	0.0
	74	575.5	-149.9	-54.2	40.6	-177.5	0.0
3	39	-233.4	7.4	-292.0	-185.1	1.9	6.1

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

RELAZIONE DI CALCOLO PONTE

	109	808.5	213.5	-227.3	6.4	-26.8	0.0
	108	1534.1	208.8	-132.9	26.3	-171.7	0.0
	74	351.7	-134.3	-92.4	20.0	-123.4	0.0
4	39	-257.5	-39.0	-98.5	2.7	-16.3	9.2
	109	623.6	64.2	-121.6	-2.1	-37.2	0.0
	108	1628.6	42.8	-76.2	24.0	-186.4	0.0
	74	487.3	-12.7	31.8	13.8	-119.2	0.0
5	39	-237.5	-7.3	-546.8	-419.2	27.4	5.8
	109	1042.1	403.8	-382.1	14.4	-16.7	0.0
	108	1509.4	436.3	-221.2	32.9	-160.9	0.0
	74	164.9	-294.4	-241.3	34.3	-125.2	0.0
6	39	-265.2	-66.3	-571.6	-431.9	31.1	8.6
	109	1057.4	417.6	-409.1	12.7	-18.4	0.0
	108	1582.7	465.3	-240.3	36.3	-166.3	0.0
	74	140.4	-310.0	-244.7	40.3	-122.7	0.0
7	39	-325.6	-189.5	-374.8	-227.5	14.2	15.6
	109	859.5	259.7	-317.4	0.8	-32.5	0.0
	108	1778.4	305.5	-196.5	37.7	-189.8	0.0
	74	269.9	-186.4	-103.8	39.9	-114.9	0.0
8	39	-349.7	-236.0	-181.2	-39.6	-4.0	18.7
	109	674.6	110.5	-211.7	-7.7	-42.9	0.0
	108	1872.9	139.5	-139.8	35.4	-204.5	0.0
	74	405.4	-64.8	20.3	33.6	-110.7	0.0
9	39	-317.9	-162.2	98.4	207.1	-33.2	16.2
	109	425.7	-93.7	-29.8	-14.0	-51.3	0.0
	108	1824.3	-116.9	-32.4	25.4	-209.8	0.0
	74	616.8	111.0	172.7	13.4	-111.4	0.0
10	39	-345.6	-221.3	73.5	194.4	-29.5	19.0
	109	441.0	-79.8	-56.8	-15.7	-53.0	0.0
	108	1897.6	-87.9	-51.4	28.8	-215.3	0.0
	74	592.2	95.4	169.2	19.4	-108.9	0.0
11	39	-293.4	-119.2	-239.1	-113.6	-1.0	11.1
	109	726.5	163.3	-221.7	-0.6	-38.5	0.0
	108	1715.3	176.0	-137.4	31.2	-191.1	0.0
	74	386.8	-100.2	-36.3	27.2	-119.1	0.0
12	39	-292.7	-117.3	-238.2	-113.2	-1.0	11.6
	109	732.1	162.8	-220.8	-0.6	-37.1	0.0
	108	1710.9	175.3	-137.0	31.1	-189.9	0.0
	74	383.7	-99.9	-36.2	27.1	-118.3	0.0
13	39	-293.4	-119.2	-239.1	-113.6	-1.0	11.1
	109	726.5	163.3	-221.7	-0.6	-38.5	0.0
	108	1715.3	176.0	-137.4	31.2	-191.1	0.0
	74	386.8	-100.2	-36.3	27.2	-119.1	0.0
14	39	-292.2	-116.1	-237.6	-112.8	-1.0	11.9
	109	735.9	162.5	-220.3	-0.6	-36.2	0.0
	108	1707.9	174.9	-136.7	31.0	-189.2	0.0
	74	381.6	-99.8	-36.1	27.0	-117.8	0.0
15	39	-293.4	-119.2	-239.1	-113.6	-1.0	11.1
	109	726.5	163.3	-221.7	-0.6	-38.5	0.0
	108	1715.3	176.0	-137.4	31.2	-191.1	0.0
	74	386.8	-100.2	-36.3	27.2	-119.1	0.0
16	39	-291.8	-114.9	-236.9	-112.5	-1.0	12.2
	109	739.7	162.1	-219.7	-0.6	-35.3	0.0
	108	1705.0	174.4	-136.5	30.9	-188.4	0.0
	74	379.6	-99.6	-36.0	26.9	-117.3	0.0
1	109	-274.2	-1270.3	-198.8	296.3	-113.4	6.9
	184	4255.2	146.9	-521.2	-122.2	645.5	0.0
	183	704.3	275.7	-708.8	131.1	295.2	0.0
	108	-2153.5	-223.9	173.0	143.4	258.1	0.0
2	109	-320.0	-1483.5	-227.9	339.4	-130.0	4.2
	184	4860.9	168.3	-597.8	-140.0	733.2	0.0
	183	864.3	316.2	-812.1	150.3	328.2	0.0
	108	-2469.8	-256.6	198.4	164.4	295.1	0.0
3	109	-197.6	-945.6	-194.9	238.2	-101.7	-13.5
	184	2917.5	124.3	-492.0	-103.4	423.1	0.0
	183	761.4	293.8	-650.1	123.2	151.1	0.0
	108	-1518.0	-228.1	124.4	130.4	203.5	0.0
4	109	-145.6	-886.6	-88.6	126.5	-54.1	-20.5
	184	3070.6	70.4	-283.5	-65.0	486.5	0.0
	183	550.4	158.2	-358.9	59.0	197.6	0.0
	108	-1456.3	-145.4	72.0	68.5	223.8	0.0
5	109	-288.9	-1072.6	-325.4	398.4	-163.0	7.0
	184	2891.8	197.1	-741.4	-154.1	368.4	0.0

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

	183	972.4	440.5	-1013.4	204.0	123.0	0.0
	108	-1695.5	-312.8	208.9	209.4	167.0	0.0
6	109	-315.2	-1122.4	-331.0	424.0	-167.9	17.5
	184	3023.0	205.6	-746.7	-159.2	384.8	0.0
	183	942.3	430.7	-1033.6	209.2	145.4	0.0
	108	-1786.0	-302.8	228.9	215.1	155.9	0.0
7	109	-285.3	-1111.7	-213.5	323.4	-118.2	21.7
	184	3354.8	152.6	-509.5	-120.5	477.9	0.0
	183	660.9	261.1	-717.4	140.4	225.8	0.0
	108	-1819.6	-194.7	191.3	149.4	166.5	0.0
8	109	-233.3	-1052.7	-107.2	211.6	-70.7	14.7
	184	3508.0	98.7	-300.9	-82.2	541.3	0.0
	183	449.8	125.5	-426.2	76.2	272.3	0.0
	108	-1757.9	-112.1	138.9	87.4	186.7	0.0
9	109	-115.7	-875.9	28.9	25.9	-4.4	-16.3
	184	3402.4	17.4	-46.3	-26.3	579.6	0.0
	183	269.0	-11.4	-42.7	-9.8	278.0	0.0
	108	-1489.9	-37.3	34.3	2.8	234.4	0.0
10	109	-142.0	-925.7	23.3	51.4	-9.4	-5.7
	184	3533.6	25.9	-51.5	-31.4	596.0	0.0
	183	238.8	-21.2	-62.9	-4.7	300.4	0.0
	108	-1580.4	-27.3	54.4	8.5	223.2	0.0
11	109	-212.1	-982.9	-152.4	227.1	-86.9	4.1
	184	3257.3	112.6	-399.8	-93.7	492.8	0.0
	183	558.5	211.5	-543.4	100.5	223.0	0.0
	108	-1651.7	-171.7	132.7	110.0	197.7	0.0
12	109	-213.3	-989.0	-151.9	226.3	-86.7	2.8
	184	3240.6	112.2	-398.5	-93.3	488.8	0.0
	183	576.2	210.8	-541.4	100.2	218.8	0.0
	108	-1646.5	-171.1	132.3	109.6	196.7	0.0
13	109	-212.1	-982.9	-152.4	227.1	-86.9	4.1
	184	3257.3	112.6	-399.8	-93.7	492.8	0.0
	183	558.5	211.5	-543.4	100.5	223.0	0.0
	108	-1651.7	-171.7	132.7	110.0	197.7	0.0
14	109	-214.2	-993.1	-151.6	225.7	-86.5	1.9
	184	3229.5	111.9	-397.7	-93.1	486.2	0.0
	183	588.0	210.3	-540.1	100.0	215.9	0.0
	108	-1643.1	-170.7	132.0	109.3	196.1	0.0
15	109	-212.1	-982.9	-152.4	227.1	-86.9	4.1
	184	3257.3	112.6	-399.8	-93.7	492.8	0.0
	183	558.5	211.5	-543.4	100.5	223.0	0.0
	108	-1651.7	-171.7	132.7	110.0	197.7	0.0
16	109	-215.0	-997.1	-151.2	225.2	-86.3	1.1
	184	3218.3	111.6	-396.9	-92.9	483.5	0.0
	183	599.7	209.9	-538.8	99.8	213.1	0.0
	108	-1639.7	-170.3	131.8	109.1	195.4	0.0
1	76	-592.6	-287.7	-85.9	-72.7	-21.0	214.4
	112	1969.7	171.4	-86.3	-27.1	324.8	0.0
	111	1754.1	214.5	-252.2	-9.4	65.2	0.0
	40	86.1	-300.0	-167.5	-6.5	101.4	0.0
2	76	-685.5	-339.6	-98.6	-83.5	-24.1	245.4
	112	2259.0	196.6	-99.1	-31.1	371.0	0.0
	111	2039.5	245.9	-289.0	-10.7	71.4	0.0
	40	105.1	-343.8	-192.0	-7.5	115.1	0.0
3	76	-460.2	-387.5	-92.5	-161.7	-3.7	150.7
	112	1612.0	185.7	-13.1	-5.1	264.5	0.0
	111	1421.2	237.5	-175.2	-15.3	30.3	0.0
	40	-21.4	-273.8	-237.2	-15.7	94.9	0.0
4	76	-386.4	-189.4	7.9	33.1	-39.6	146.4
	112	1564.2	137.1	-55.8	-25.6	250.4	0.0
	111	1209.9	35.5	-148.3	-5.0	43.6	0.0
	40	36.9	-126.7	-49.7	-10.5	78.2	0.0
5	76	-570.6	-578.3	-225.8	-382.8	42.1	165.5
	112	1604.9	220.7	14.7	15.1	272.3	0.0
	111	1704.8	491.7	-227.4	-25.2	20.6	0.0
	40	-43.5	-464.7	-444.7	-16.1	106.7	0.0
6	76	-591.5	-543.6	-239.7	-377.5	45.5	173.8
	112	1551.0	202.1	-4.0	12.0	265.0	0.0
	111	1736.6	507.6	-245.2	-23.4	25.7	0.0
	40	-4.2	-481.3	-435.0	-11.3	100.1	0.0
7	76	-529.6	-272.1	-138.9	-144.0	7.6	178.5
	112	1432.3	123.7	-75.7	-15.5	240.0	0.0
	111	1527.1	290.5	-234.8	-9.2	47.2	0.0

	40	109.8	-329.0	-204.9	0.5	73.0	0.0
8	76	-455.8	-73.9	-38.5	50.8	-28.3	174.1
	112	1384.5	75.1	-118.3	-36.0	225.9	0.0
	111	1315.8	88.5	-207.9	1.1	60.6	0.0
	40	168.1	-181.9	-17.3	5.8	56.4	0.0
9	76	-324.5	82.2	108.7	266.6	-77.5	151.1
	112	1445.5	58.7	-127.4	-53.1	225.4	0.0
	111	1000.4	-181.6	-137.9	9.1	65.1	0.0
	40	150.9	25.6	180.4	1.3	51.1	0.0
10	76	-345.4	116.9	94.8	271.9	-74.1	159.4
	112	1391.6	40.1	-146.2	-56.2	218.1	0.0
	111	1032.2	-165.7	-155.8	11.0	70.2	0.0
	40	190.2	9.1	190.1	6.2	44.5	0.0
11	76	-456.4	-223.8	-65.9	-55.8	-16.1	164.3
	112	1510.7	131.4	-66.2	-20.8	248.6	0.0
	111	1354.4	164.5	-193.4	-7.2	48.9	0.0
	40	68.1	-230.0	-128.4	-5.0	77.4	0.0
12	76	-457.0	-226.4	-65.8	-55.7	-16.1	163.6
	112	1506.0	131.0	-66.0	-20.7	247.3	0.0
	111	1359.7	163.9	-192.7	-7.2	47.6	0.0
	40	70.1	-229.2	-128.0	-5.0	76.7	0.0
13	76	-456.4	-223.8	-65.9	-55.8	-16.1	164.3
	112	1510.7	131.4	-66.2	-20.8	248.6	0.0
	111	1354.4	164.5	-193.4	-7.2	48.9	0.0
	40	68.1	-230.0	-128.4	-5.0	77.4	0.0
14	76	-457.4	-228.1	-65.7	-55.6	-16.0	163.1
	112	1502.9	130.8	-65.9	-20.7	246.5	0.0
	111	1363.2	163.5	-192.2	-7.1	46.7	0.0
	40	71.4	-228.7	-127.7	-5.0	76.3	0.0
15	76	-456.4	-223.8	-65.9	-55.8	-16.1	164.3
	112	1510.7	131.4	-66.2	-20.8	248.6	0.0
	111	1354.4	164.5	-193.4	-7.2	48.9	0.0
	40	68.1	-230.0	-128.4	-5.0	77.4	0.0
16	76	-457.8	-229.8	-65.6	-55.5	-16.0	162.7
	112	1499.8	130.5	-65.8	-20.6	245.6	0.0
	111	1366.7	163.2	-191.8	-7.1	45.8	0.0
	40	72.7	-228.1	-127.4	-5.0	75.8	0.0
1	112	-715.8	-3206.9	-405.2	109.2	-128.4	-343.1
	187	240.7	313.4	-873.9	-98.9	-288.6	0.0
	186	5269.9	309.1	-600.7	158.4	-714.3	0.0
	111	-768.1	-217.3	245.0	137.7	4.2	0.0
2	112	-821.4	-3685.3	-464.6	125.3	-147.1	-392.4
	187	327.2	359.0	-1001.9	-113.3	-320.6	0.0
	186	6032.0	354.9	-689.1	181.7	-811.9	0.0
	111	-902.0	-249.2	280.7	158.0	8.5	0.0
3	112	-545.5	-2399.1	-462.2	43.0	-116.0	-227.8
	187	370.9	343.5	-879.5	-90.3	-168.8	0.0
	186	3875.3	331.2	-599.0	142.8	-541.1	0.0
	111	-697.6	-235.2	167.5	143.3	31.9	0.0
4	112	-489.0	-2241.2	-183.7	63.6	-63.5	-251.8
	187	36.3	105.8	-489.2	-48.5	-206.3	0.0
	186	3771.0	181.7	-291.7	84.1	-590.9	0.0
	111	-492.6	-126.8	145.3	78.5	47.2	0.0
5	112	-630.8	-2673.1	-776.8	39.8	-182.7	-213.8
	187	791.2	630.2	-1320.9	-143.1	-138.4	0.0
	186	4116.5	491.0	-965.8	216.2	-460.9	0.0
	111	-947.4	-350.6	214.0	214.6	-8.1	0.0
6	112	-647.4	-2750.0	-767.9	57.8	-187.4	-225.7
	187	816.8	638.1	-1308.9	-146.5	-149.9	0.0
	186	4218.8	478.5	-972.8	220.5	-441.9	0.0
	111	-956.6	-341.2	231.8	210.9	-27.2	0.0
7	112	-601.0	-2655.5	-432.6	102.7	-131.6	-267.4
	187	456.2	369.9	-839.4	-101.7	-207.1	0.0
	186	4216.3	289.5	-622.5	157.0	-477.8	0.0
	111	-728.0	-203.8	226.7	131.1	-31.6	0.0
8	112	-544.5	-2497.6	-154.0	123.4	-79.0	-291.3
	187	121.6	132.1	-449.1	-59.9	-244.6	0.0
	186	4111.9	140.0	-315.1	98.3	-527.6	0.0
	111	-523.0	-95.4	204.6	66.3	-16.4	0.0
9	112	-442.5	-2146.7	151.7	108.6	-7.6	-293.5
	187	-324.3	-162.4	-19.7	-3.7	-263.4	0.0
	186	3768.5	-7.3	58.7	20.6	-626.8	0.0
	111	-264.0	10.6	140.3	-1.3	42.8	0.0

10	112	-459.2	-2223.6	160.6	126.5	-12.3	-305.4
	187	-298.7	-154.5	-7.7	-7.1	-274.9	0.0
	186	3870.8	-19.8	51.6	24.9	-607.8	0.0
	111	-273.1	20.0	158.0	-5.0	23.7	0.0
11	112	-549.1	-2462.0	-310.7	83.8	-98.4	-262.8
	187	201.2	240.2	-670.2	-75.8	-218.0	0.0
	186	4038.0	237.2	-460.8	121.5	-545.5	0.0
	111	-596.0	-166.6	187.8	105.6	4.4	0.0
12	112	-547.6	-2456.9	-309.8	83.6	-98.1	-261.6
	187	218.1	239.3	-668.0	-75.5	-213.7	0.0
	186	4021.4	236.6	-459.4	121.2	-541.3	0.0
	111	-601.3	-166.1	187.2	105.3	5.7	0.0
13	112	-549.1	-2462.0	-310.7	83.8	-98.4	-262.8
	187	201.2	240.2	-670.2	-75.8	-218.0	0.0
	186	4038.0	237.2	-460.8	121.5	-545.5	0.0
	111	-596.0	-166.6	187.8	105.6	4.4	0.0
14	112	-546.5	-2453.5	-309.1	83.4	-97.9	-260.8
	187	229.4	238.7	-666.5	-75.4	-210.9	0.0
	186	4010.3	236.2	-458.4	120.9	-538.5	0.0
	111	-604.9	-165.8	186.7	105.1	6.5	0.0
15	112	-549.1	-2462.0	-310.7	83.8	-98.4	-262.8
	187	201.2	240.2	-670.2	-75.8	-218.0	0.0
	186	4038.0	237.2	-460.8	121.5	-545.5	0.0
	111	-596.0	-166.6	187.8	105.6	4.4	0.0
16	112	-545.5	-2450.1	-308.5	83.2	-97.6	-260.0
	187	240.6	238.1	-665.0	-75.2	-208.1	0.0
	186	3999.2	235.8	-457.5	120.7	-535.7	0.0
	111	-608.5	-165.5	186.3	104.9	7.4	0.0
1	40	-637.0	-542.9	-340.2	-203.5	7.7	55.3
	111	731.1	235.0	-291.8	-3.2	-50.0	0.0
	110	2675.3	251.8	-160.9	37.0	-239.6	0.0
	75	658.7	-146.6	-74.0	37.4	-128.0	0.0
2	40	-733.0	-620.2	-389.7	-233.1	8.7	65.4
	111	859.8	269.7	-334.3	-3.8	-53.9	0.0
	110	3073.0	288.4	-184.7	42.4	-273.0	0.0
	75	751.5	-168.4	-85.1	42.8	-145.7	0.0
3	40	-469.0	-367.0	-341.1	-272.3	14.9	39.2
	111	687.5	287.8	-235.3	3.6	-25.8	0.0
	110	1966.7	257.0	-111.5	22.6	-185.5	0.0
	75	424.9	-160.5	-147.3	23.5	-99.3	0.0
4	40	-436.0	-296.9	-118.1	-15.8	-15.5	31.2
	111	530.1	121.5	-137.0	-3.1	-39.5	0.0
	110	1916.2	60.0	-79.0	25.0	-198.9	0.0
	75	543.2	-20.3	12.9	15.1	-103.9	0.0
5	40	-532.1	-503.5	-621.3	-578.9	54.6	55.0
	111	852.8	463.8	-374.7	9.4	-10.6	0.0
	110	2095.0	509.7	-168.5	22.8	-161.5	0.0
	75	295.2	-339.1	-326.8	39.5	-90.0	0.0
6	40	-553.1	-550.3	-638.5	-585.2	58.1	60.6
	111	837.0	448.4	-395.9	7.7	-11.3	0.0
	110	2154.6	529.3	-184.9	25.4	-154.2	0.0
	75	302.5	-352.0	-320.4	44.9	-86.7	0.0
7	40	-539.0	-523.0	-398.3	-293.2	26.8	57.8
	111	634.9	236.5	-306.0	-2.1	-28.0	0.0
	110	2165.2	322.2	-166.1	31.1	-161.2	0.0
	75	449.0	-203.5	-126.1	41.4	-88.2	0.0
8	40	-506.0	-452.9	-175.3	-36.7	-3.6	49.8
	111	477.5	70.2	-207.8	-8.7	-41.7	0.0
	110	2114.7	125.2	-133.7	33.4	-174.6	0.0
	75	567.4	-63.3	34.2	33.1	-92.8	0.0
9	40	-422.0	-269.7	122.1	276.2	-46.8	28.4
	111	328.0	-90.5	-47.1	-12.8	-56.3	0.0
	110	1926.8	-147.0	-60.3	30.7	-205.9	0.0
	75	689.8	128.3	207.3	11.7	-105.4	0.0
10	40	-443.0	-316.5	104.9	269.9	-43.2	34.0
	111	312.2	-105.9	-68.4	-14.5	-56.9	0.0
	110	1986.4	-127.5	-76.6	33.2	-198.6	0.0
	75	697.0	115.4	213.7	17.0	-102.1	0.0
11	40	-489.3	-415.6	-260.8	-156.0	5.8	43.0
	111	567.6	180.3	-223.7	-2.5	-37.2	0.0
	110	2053.4	193.0	-123.5	28.4	-183.2	0.0
	75	503.9	-112.5	-56.9	28.6	-97.8	0.0
12	40	-488.7	-413.5	-259.8	-155.4	5.8	43.6

	111	573.2	179.8	-222.9	-2.5	-35.9	0.0
	110	2048.6	192.3	-123.1	28.2	-182.0	0.0
	75	501.0	-112.3	-56.7	28.5	-97.2	0.0
13	40	-489.3	-415.6	-260.8	-156.0	5.8	43.0
	111	567.6	180.3	-223.7	-2.5	-37.2	0.0
	110	2053.4	193.0	-123.5	28.4	-183.2	0.0
	75	503.9	-112.5	-56.9	28.6	-97.8	0.0
14	40	-488.2	-412.1	-259.2	-155.0	5.7	44.0
	111	576.9	179.5	-222.3	-2.5	-35.1	0.0
	110	2045.5	191.8	-122.9	28.2	-181.2	0.0
	75	499.1	-112.1	-56.7	28.4	-96.7	0.0
15	40	-489.3	-415.6	-260.8	-156.0	5.8	43.0
	111	567.6	180.3	-223.7	-2.5	-37.2	0.0
	110	2053.4	193.0	-123.5	28.4	-183.2	0.0
	75	503.9	-112.5	-56.9	28.6	-97.8	0.0
16	40	-487.8	-410.7	-258.5	-154.7	5.7	44.3
	111	580.6	179.1	-221.8	-2.5	-34.2	0.0
	110	2042.3	191.4	-122.7	28.1	-180.4	0.0
	75	497.1	-112.0	-56.6	28.3	-96.3	0.0
1	111	-336.3	-1717.1	-232.3	299.0	-125.1	-19.4
	186	4339.1	163.4	-552.2	-122.0	721.4	0.0
	185	981.7	319.8	-772.1	144.9	316.1	0.0
	110	-2068.1	-250.9	155.7	154.0	288.3	0.0
2	111	-392.6	-1997.3	-266.4	342.6	-143.5	-26.0
	186	4957.7	187.2	-633.6	-139.8	820.1	0.0
	185	1183.1	366.8	-884.9	166.2	352.4	0.0
	110	-2371.6	-287.6	178.7	176.5	329.1	0.0
3	111	-254.7	-1504.2	-253.5	245.7	-119.8	-36.6
	186	3191.5	148.8	-542.9	-108.3	547.5	0.0
	185	992.6	338.3	-731.4	139.5	175.0	0.0
	110	-1554.7	-257.6	104.8	145.3	233.0	0.0
4	111	-180.4	-1356.9	-120.0	140.3	-58.9	-51.2
	186	3098.5	66.9	-321.7	-65.9	599.0	0.0
	185	762.0	184.2	-400.4	66.7	209.3	0.0
	110	-1432.2	-155.3	77.0	75.6	259.2	0.0
5	111	-374.2	-1613.2	-402.2	392.5	-195.0	-2.4
	186	3392.7	255.8	-792.6	-161.6	463.9	0.0
	185	1219.7	505.4	-1132.1	229.5	159.9	0.0
	110	-1753.1	-365.8	156.7	231.2	182.3	0.0
6	111	-402.4	-1559.3	-396.1	412.9	-198.5	12.3
	186	3472.1	265.5	-785.4	-164.9	443.8	0.0
	185	1183.8	494.6	-1144.4	233.8	181.3	0.0
	110	-1800.6	-356.4	173.3	235.1	165.2	0.0
7	111	-348.4	-1324.5	-233.3	313.8	-131.4	12.3
	186	3456.1	181.2	-518.9	-119.4	480.4	0.0
	185	872.7	302.3	-772.5	153.8	246.4	0.0
	110	-1713.2	-226.0	160.2	158.4	175.7	0.0
8	111	-274.1	-1177.2	-99.8	208.4	-70.5	-2.3
	186	3363.1	99.2	-297.7	-77.1	531.9	0.0
	185	642.1	148.3	-441.5	80.9	280.8	0.0
	110	-1590.7	-123.7	132.4	88.8	201.9	0.0
9	111	-126.4	-1122.1	42.8	41.2	8.2	-51.1
	186	3082.5	-17.4	-55.2	-20.4	635.6	0.0
	185	451.0	-8.1	-28.5	-13.3	274.4	0.0
	110	-1344.8	-24.9	63.9	-1.0	269.7	0.0
10	111	-154.5	-1068.2	48.9	61.6	4.7	-36.5
	186	3161.9	-7.7	-48.0	-23.8	615.5	0.0
	185	415.0	-18.9	-40.9	-9.0	295.8	0.0
	110	-1392.3	-15.5	80.5	2.9	252.6	0.0
11	111	-260.2	-1326.0	-178.1	229.2	-96.0	-16.1
	186	3321.9	125.2	-423.6	-93.6	550.9	0.0
	185	771.5	245.3	-592.0	111.1	239.2	0.0
	110	-1586.1	-192.4	119.5	118.1	220.6	0.0
12	111	-261.8	-1331.5	-177.6	228.4	-95.6	-17.3
	186	3305.2	124.8	-422.4	-93.2	546.7	0.0
	185	788.7	244.5	-589.9	110.8	234.9	0.0
	110	-1581.1	-191.7	119.1	117.7	219.4	0.0
13	111	-260.2	-1326.0	-178.1	229.2	-96.0	-16.1
	186	3321.9	125.2	-423.6	-93.6	550.9	0.0
	185	771.5	245.3	-592.0	111.1	239.2	0.0
	110	-1586.1	-192.4	119.5	118.1	220.6	0.0
14	111	-262.8	-1335.2	-177.2	227.9	-95.4	-18.2
	186	3294.0	124.5	-421.5	-93.0	543.9	0.0

	185	800.2	244.0	-588.5	110.6	232.1	0.0
	110	-1577.7	-191.3	118.9	117.4	218.6	0.0
15	111	-260.2	-1326.0	-178.1	229.2	-96.0	-16.1
	186	3321.9	125.2	-423.6	-93.6	550.9	0.0
	185	771.5	245.3	-592.0	111.1	239.2	0.0
	110	-1586.1	-192.4	119.5	118.1	220.6	0.0
16	111	-263.9	-1338.9	-176.8	227.3	-95.2	-19.0
	186	3282.9	124.2	-420.7	-92.8	541.1	0.0
	185	811.6	243.5	-587.2	110.4	229.3	0.0
	110	-1574.4	-190.9	118.7	117.2	217.8	0.0
1	41	-582.6	-1209.1	-493.4	-297.8	83.9	-59.0
	113	832.2	127.7	-282.2	156.4	67.9	0.0
	112	3326.0	408.1	-113.4	15.0	-337.7	0.0
	76	573.1	-42.4	-110.2	18.9	12.0	0.0
2	41	-670.7	-1388.1	-565.6	-341.5	96.2	-66.1
	113	977.2	146.8	-323.5	179.3	81.9	0.0
	112	3822.6	467.9	-130.3	17.1	-385.9	0.0
	76	652.4	-49.1	-126.7	21.6	15.5	0.0
3	41	-354.2	-965.0	-590.4	-423.2	118.5	-116.7
	113	890.5	135.5	-208.1	227.4	32.8	0.0
	112	2553.1	467.3	-87.9	-6.3	-309.0	0.0
	76	232.1	-57.0	-205.8	-0.9	-7.7	0.0
4	41	-315.3	-728.9	-228.4	-74.8	-4.8	-95.6
	113	776.7	150.6	-160.9	35.7	-14.7	0.0
	112	2334.7	100.7	-143.0	17.2	-289.4	0.0
	76	324.2	-72.7	-15.8	10.7	-53.7	0.0
5	41	-477.6	-1292.6	-988.7	-813.8	267.1	-97.2
	113	902.6	85.9	-284.2	442.2	121.6	0.0
	112	2875.0	913.3	-3.5	-29.5	-301.1	0.0
	76	230.7	-16.3	-408.9	-8.0	75.4	0.0
6	41	-544.5	-1337.2	-968.1	-800.3	271.2	-59.3
	113	799.2	58.6	-302.1	434.6	150.1	0.0
	112	2932.5	929.0	13.8	-26.0	-274.7	0.0
	76	321.7	3.0	-392.9	-2.4	100.6	0.0
7	41	-577.2	-1114.0	-521.6	-378.1	132.2	9.6
	113	545.6	44.4	-267.9	202.0	128.0	0.0
	112	2744.8	519.8	-30.1	5.4	-220.8	0.0
	76	535.5	7.2	-152.5	17.7	76.3	0.0
8	41	-538.3	-877.9	-159.5	-29.8	9.0	30.8
	113	431.8	59.5	-220.7	10.3	80.5	0.0
	112	2526.5	153.2	-85.2	28.8	-201.2	0.0
	76	627.6	-8.5	37.5	29.3	30.3	0.0
9	41	-348.0	-505.6	218.1	347.3	-143.7	-26.7
	113	523.2	136.4	-126.7	-196.8	-36.8	0.0
	112	2147.1	-308.5	-187.0	48.6	-235.5	0.0
	76	538.0	-68.5	224.5	30.8	-78.0	0.0
10	41	-414.9	-550.3	238.8	360.8	-139.6	11.2
	113	419.7	109.1	-144.6	-204.5	-8.2	0.0
	112	2204.6	-292.8	-169.6	52.1	-209.1	0.0
	76	629.0	-49.3	240.5	36.4	-52.8	0.0
11	41	-447.7	-927.8	-378.3	-228.4	64.3	-44.7
	113	645.7	98.0	-216.4	119.9	53.4	0.0
	112	2553.6	313.0	-87.1	11.5	-258.6	0.0
	76	438.0	-32.7	-84.6	14.5	9.8	0.0
12	41	-447.1	-925.4	-377.1	-227.7	64.1	-44.1
	113	651.5	97.8	-215.7	119.5	54.6	0.0
	112	2548.4	312.0	-86.9	11.4	-257.3	0.0
	76	434.9	-32.7	-84.5	14.4	10.3	0.0
13	41	-447.7	-927.8	-378.3	-228.4	64.3	-44.7
	113	645.7	98.0	-216.4	119.9	53.4	0.0
	112	2553.6	313.0	-87.1	11.5	-258.6	0.0
	76	438.0	-32.7	-84.6	14.5	9.8	0.0
14	41	-446.8	-923.8	-376.2	-227.2	64.0	-43.6
	113	655.4	97.7	-215.2	119.3	55.4	0.0
	112	2545.0	311.3	-86.8	11.4	-256.4	0.0
	76	432.9	-32.7	-84.3	14.3	10.7	0.0
15	41	-447.7	-927.8	-378.3	-228.4	64.3	-44.7
	113	645.7	98.0	-216.4	119.9	53.4	0.0
	112	2553.6	313.0	-87.1	11.5	-258.6	0.0
	76	438.0	-32.7	-84.6	14.5	9.8	0.0
16	41	-446.4	-922.2	-375.4	-226.7	63.8	-43.2
	113	659.2	97.6	-214.7	119.0	56.2	0.0
	112	2541.5	310.6	-86.6	11.3	-255.5	0.0

	76	430.9	-32.8	-84.2	14.3	11.1	0.0
1	113	-306.0	-2120.9	-489.2	255.4	33.4	-80.7
	188	4417.1	183.6	-659.9	-71.4	803.7	0.0
	187	1328.2	480.0	-880.4	126.8	278.4	0.0
	112	-2088.8	-174.3	90.6	140.5	356.1	0.0
2	113	-357.1	-2461.3	-561.1	292.7	38.3	-96.8
	188	5048.8	210.4	-757.1	-81.9	915.0	0.0
	187	1580.7	550.5	-1009.3	145.5	308.9	0.0
	112	-2396.3	-199.9	104.1	161.1	407.3	0.0
3	113	-264.0	-1888.7	-581.4	175.3	103.3	-106.9
	188	3496.8	184.9	-686.8	-35.4	624.3	0.0
	187	1322.5	550.2	-876.2	129.7	145.6	0.0
	112	-1717.9	-139.7	56.9	126.5	300.2	0.0
4	113	-177.3	-1585.8	-120.9	152.1	-23.1	-75.4
	188	3402.9	58.8	-346.9	-58.5	667.8	0.0
	187	940.2	207.2	-430.0	80.1	193.6	0.0
	112	-1618.4	-153.3	136.6	70.8	327.7	0.0
5	113	-379.0	-2180.2	-1133.3	223.5	240.4	-126.5
	188	3528.4	344.4	-1073.2	-13.6	543.4	0.0
	187	1733.5	941.0	-1408.0	181.7	110.1	0.0
	112	-1779.0	-114.1	-55.4	197.3	237.0	0.0
6	113	-390.8	-2127.2	-1145.8	241.6	231.6	-111.8
	188	3461.6	354.9	-1064.5	-18.0	517.6	0.0
	187	1703.4	932.8	-1417.6	176.7	127.7	0.0
	112	-1732.0	-105.7	-72.0	202.2	210.3	0.0
7	113	-303.5	-1712.0	-623.3	235.8	73.9	-57.8
	188	3274.2	220.1	-657.8	-50.0	538.2	0.0
	187	1222.4	523.1	-908.2	112.9	204.2	0.0
	112	-1561.0	-111.7	1.6	142.9	211.3	0.0
8	113	-216.8	-1409.2	-162.8	212.7	-52.5	-26.2
	188	3180.3	94.0	-317.9	-73.0	581.7	0.0
	187	840.1	180.0	-462.0	63.3	252.2	0.0
	112	-1461.5	-125.3	81.3	87.1	238.8	0.0
9	113	-90.0	-1170.6	401.6	146.3	-180.8	-21.4
	188	3215.5	-76.0	59.8	-90.5	688.4	0.0
	187	459.1	-202.5	79.4	16.4	270.1	0.0
	112	-1447.4	-159.3	210.3	11.4	328.7	0.0
10	113	-101.9	-1117.6	389.1	164.5	-189.7	-6.6
	188	3148.7	-65.4	68.5	-94.9	662.6	0.0
	187	429.1	-210.7	69.8	11.3	287.7	0.0
	112	-1400.4	-150.9	193.7	16.3	302.0	0.0
11	113	-236.7	-1636.1	-375.2	195.8	25.6	-63.3
	188	3382.2	140.8	-506.2	-54.8	614.2	0.0
	187	1037.3	368.1	-675.1	97.3	210.1	0.0
	112	-1602.3	-133.7	69.5	107.7	272.7	0.0
12	113	-238.1	-1640.9	-374.1	195.1	25.5	-64.5
	188	3365.9	140.3	-504.8	-54.6	610.0	0.0
	187	1053.8	367.0	-672.9	97.0	205.9	0.0
	112	-1597.6	-133.2	69.4	107.4	271.5	0.0
13	113	-236.7	-1636.1	-375.2	195.8	25.6	-63.3
	188	3382.2	140.8	-506.2	-54.8	614.2	0.0
	187	1037.3	368.1	-675.1	97.3	210.1	0.0
	112	-1602.3	-133.7	69.5	107.7	272.7	0.0
14	113	-239.0	-1644.1	-373.3	194.7	25.5	-65.3
	188	3354.9	140.0	-503.8	-54.4	607.2	0.0
	187	1064.8	366.3	-671.3	96.8	203.1	0.0
	112	-1594.4	-132.9	69.3	107.2	270.7	0.0
15	113	-236.7	-1636.1	-375.2	195.8	25.6	-63.3
	188	3382.2	140.8	-506.2	-54.8	614.2	0.0
	187	1037.3	368.1	-675.1	97.3	210.1	0.0
	112	-1602.3	-133.7	69.5	107.7	272.7	0.0
16	113	-240.0	-1647.3	-372.5	194.2	25.4	-66.2
	188	3344.0	139.6	-502.8	-54.3	604.4	0.0
	187	1075.8	365.5	-669.8	96.6	200.3	0.0
	112	-1591.3	-132.7	69.2	106.9	269.9	0.0
1	85	275.1	573.1	-42.4	-110.2	-18.9	-12.0
	134	3326.0	408.1	-113.4	-15.0	337.7	0.0
	133	832.2	127.7	-282.2	-156.4	-67.9	0.0
	50	-1209.1	-493.4	-297.8	-83.9	59.0	0.0
2	85	314.4	652.4	-49.1	-126.7	-21.6	-15.5
	134	3822.6	467.9	-130.3	-17.1	385.9	0.0
	133	977.2	146.8	-323.5	-179.3	-81.9	0.0

	50	-1388.1	-565.6	-341.5	-96.2	66.1	0.0
3	85	359.6	535.5	7.2	-152.5	-17.7	-76.3
	134	2744.8	519.8	-30.1	-5.4	220.8	0.0
	133	545.6	44.4	-267.9	-202.0	-128.0	0.0
	50	-1113.9	-521.6	-378.1	-132.2	-9.6	0.0
4	85	282.3	627.6	-8.5	37.5	-29.3	-30.3
	134	2526.4	153.2	-85.2	-28.8	201.2	0.0
	133	431.8	59.5	-220.7	-10.3	-80.5	0.0
	50	-877.9	-159.5	-29.8	-9.0	-30.8	0.0
5	85	370.6	321.7	3.0	-392.9	2.4	-100.6
	134	2932.5	929.0	13.8	26.0	274.7	0.0
	133	799.2	58.6	-302.1	-434.6	-150.1	0.0
	50	-1337.2	-968.1	-800.3	-271.2	59.3	0.0
6	85	302.7	230.7	-16.3	-408.9	8.0	-75.4
	134	2875.0	913.3	-3.5	29.5	301.1	0.0
	133	902.6	85.9	-284.2	-442.2	-121.6	0.0
	50	-1292.5	-988.7	-813.8	-267.1	97.2	0.0
7	85	133.3	232.1	-57.0	-205.8	0.9	7.7
	134	2553.1	467.3	-87.9	6.3	309.0	0.0
	133	890.5	135.5	-208.1	-227.4	-32.8	0.0
	50	-965.0	-590.4	-423.2	-118.5	116.7	0.0
8	85	56.0	324.2	-72.7	-15.8	-10.7	53.7
	134	2334.7	100.7	-143.0	-17.2	289.4	0.0
	133	776.7	150.6	-160.9	-35.7	14.7	0.0
	50	-728.9	-228.4	-74.8	4.8	95.6	0.0
9	85	112.9	629.0	-49.3	240.5	-36.4	52.8
	134	2204.6	-292.8	-169.6	-52.1	209.1	0.0
	133	419.7	109.1	-144.6	204.5	8.2	0.0
	50	-550.3	238.8	360.8	139.6	-11.2	0.0
10	85	45.0	538.0	-68.5	224.5	-30.8	78.0
	134	2147.0	-308.5	-187.0	-48.6	235.5	0.0
	133	523.2	136.4	-126.7	196.8	36.8	0.0
	50	-505.6	218.1	347.3	143.7	26.7	0.0
11	85	210.6	438.0	-32.7	-84.6	-14.5	-9.8
	134	2553.6	313.0	-87.1	-11.5	258.6	0.0
	133	645.7	98.0	-216.4	-119.9	-53.4	0.0
	50	-927.8	-378.3	-228.4	-64.3	44.7	0.0
12	85	209.6	434.9	-32.7	-84.5	-14.4	-10.3
	134	2548.4	312.0	-86.9	-11.4	257.3	0.0
	133	651.5	97.8	-215.7	-119.5	-54.6	0.0
	50	-925.4	-377.1	-227.7	-64.1	44.1	0.0
13	85	210.6	438.0	-32.7	-84.6	-14.5	-9.8
	134	2553.6	313.0	-87.1	-11.5	258.6	0.0
	133	645.7	98.0	-216.4	-119.9	-53.4	0.0
	50	-927.8	-378.3	-228.4	-64.3	44.7	0.0
14	85	208.9	432.9	-32.7	-84.3	-14.3	-10.7
	134	2545.0	311.3	-86.8	-11.4	256.4	0.0
	133	655.4	97.7	-215.2	-119.3	-55.4	0.0
	50	-923.8	-376.2	-227.2	-64.0	43.6	0.0
15	85	210.6	438.0	-32.7	-84.6	-14.5	-9.8
	134	2553.6	313.0	-87.1	-11.5	258.6	0.0
	133	645.7	98.0	-216.4	-119.9	-53.4	0.0
	50	-927.8	-378.3	-228.4	-64.3	44.7	0.0
16	85	208.2	430.9	-32.8	-84.2	-14.3	-11.1
	134	2541.5	310.6	-86.6	-11.3	255.5	0.0
	133	659.2	97.6	-214.7	-119.0	-56.2	0.0
	50	-922.2	-375.4	-226.7	-63.8	43.2	0.0
1	134	-188.7	-2088.8	-174.3	90.6	-140.5	-356.1
	209	1328.2	480.0	-880.4	-126.8	-278.4	0.0
	208	4417.1	183.6	-659.9	71.4	-803.7	0.0
	133	-2120.9	-489.2	255.4	-33.4	80.7	0.0
2	134	-213.6	-2396.3	-199.9	104.1	-161.1	-407.3
	209	1580.7	550.5	-1009.3	-145.5	-308.9	0.0
	208	5048.8	210.4	-757.1	81.9	-915.0	0.0
	133	-2461.3	-561.1	292.7	-38.3	96.8	0.0
3	134	-198.0	-1561.0	-111.7	1.6	-142.9	-211.3
	209	1222.4	523.1	-908.2	-112.9	-204.2	0.0
	208	3274.2	220.1	-657.8	50.0	-538.2	0.0
	133	-1712.0	-623.3	235.8	-73.9	57.8	0.0
4	134	-140.8	-1461.5	-125.3	81.3	-87.1	-238.8
	209	840.1	180.0	-462.0	-63.3	-252.2	0.0
	208	3180.3	94.0	-317.9	73.0	-581.7	0.0
	133	-1409.2	-162.8	212.7	52.5	26.2	0.0

5	134	-244.3	-1731.9	-105.7	-72.0	-202.2	-210.3
	209	1703.4	932.8	-1417.6	-176.7	-127.7	0.0
	208	3461.6	354.9	-1064.5	18.0	-517.6	0.0
	133	-2127.2	-1145.9	241.6	-231.6	111.8	0.0
6	134	-226.7	-1779.0	-114.1	-55.4	-197.3	-237.0
	209	1733.5	941.0	-1408.0	-181.7	-110.1	0.0
	208	3528.4	344.4	-1073.2	13.6	-543.4	0.0
	133	-2180.2	-1133.3	223.5	-240.4	126.5	0.0
7	134	-139.5	-1717.9	-139.7	56.9	-126.5	-300.2
	209	1322.5	550.2	-876.2	-129.7	-145.6	0.0
	208	3496.8	184.9	-686.8	35.4	-624.3	0.0
	133	-1888.7	-581.4	175.3	-103.3	106.9	0.0
8	134	-82.2	-1618.4	-153.3	136.6	-70.8	-327.7
	209	940.2	207.2	-430.0	-80.1	-193.6	0.0
	208	3402.9	58.8	-346.9	58.5	-667.8	0.0
	133	-1585.8	-120.9	152.1	23.1	75.4	0.0
9	134	-53.5	-1400.4	-150.9	193.7	-16.3	-302.0
	209	429.1	-210.7	69.8	-11.3	-287.7	0.0
	208	3148.7	-65.4	68.5	94.9	-662.6	0.0
	133	-1117.6	389.1	164.5	189.7	6.6	0.0
10	134	-36.0	-1447.4	-159.3	210.3	-11.4	-328.7
	209	459.1	-202.5	79.4	-16.3	-270.1	0.0
	208	3215.5	-76.0	59.8	90.5	-688.4	0.0
	133	-1170.6	401.6	146.3	180.8	21.4	0.0
11	134	-143.8	-1602.3	-133.7	69.5	-107.7	-272.7
	209	1037.3	368.1	-675.1	-97.3	-210.1	0.0
	208	3382.2	140.8	-506.2	54.8	-614.2	0.0
	133	-1636.1	-375.2	195.8	-25.6	63.3	0.0
12	134	-142.4	-1597.6	-133.2	69.4	-107.4	-271.5
	209	1053.8	367.0	-672.9	-97.0	-205.9	0.0
	208	3365.9	140.3	-504.8	54.6	-610.0	0.0
	133	-1640.9	-374.1	195.1	-25.5	64.5	0.0
13	134	-143.8	-1602.3	-133.7	69.5	-107.7	-272.7
	209	1037.3	368.1	-675.1	-97.3	-210.1	0.0
	208	3382.2	140.8	-506.2	54.8	-614.2	0.0
	133	-1636.1	-375.2	195.8	-25.6	63.3	0.0
14	134	-141.5	-1594.4	-132.9	69.3	-107.2	-270.7
	209	1064.8	366.3	-671.3	-96.8	-203.1	0.0
	208	3354.9	140.0	-503.8	54.4	-607.2	0.0
	133	-1644.1	-373.3	194.7	-25.5	65.3	0.0
15	134	-143.8	-1602.3	-133.7	69.5	-107.7	-272.7
	209	1037.3	368.1	-675.1	-97.3	-210.1	0.0
	208	3382.2	140.8	-506.2	54.8	-614.2	0.0
	133	-1636.1	-375.2	195.8	-25.6	63.3	0.0
16	134	-140.6	-1591.3	-132.7	69.2	-106.9	-269.9
	209	1075.8	365.5	-669.8	-96.6	-200.3	0.0
	208	3344.0	139.6	-502.8	54.3	-604.4	0.0
	133	-1647.3	-372.5	194.2	-25.4	66.2	0.0
1	86	-92.1	658.7	-146.6	-74.0	-37.4	128.0
	136	2675.3	251.8	-160.9	-37.0	239.6	0.0
	135	731.1	235.0	-291.8	3.2	50.0	0.0
	51	-542.9	-340.2	-203.5	-7.7	-55.3	0.0
2	86	-108.3	751.5	-168.4	-85.1	-42.8	145.7
	136	3073.0	288.4	-184.7	-42.4	273.0	0.0
	135	859.8	269.7	-334.3	3.8	53.9	0.0
	51	-620.2	-389.7	-233.1	-8.7	-65.4	0.0
3	86	-85.8	449.0	-203.5	-126.1	-41.4	88.2
	136	2165.2	322.2	-166.1	-31.1	161.2	0.0
	135	634.9	236.5	-306.0	2.1	28.0	0.0
	51	-523.0	-398.3	-293.2	-26.8	-57.8	0.0
4	86	-29.9	567.4	-63.3	34.2	-33.1	92.8
	136	2114.7	125.2	-133.7	-33.4	174.6	0.0
	135	477.5	70.2	-207.8	8.7	41.7	0.0
	51	-452.9	-175.3	-36.7	3.6	-49.8	0.0
5	86	-162.0	302.5	-352.1	-320.4	-44.9	86.7
	136	2154.6	529.3	-184.9	-25.4	154.2	0.0
	135	837.0	448.4	-395.9	-7.7	11.3	0.0
	51	-550.2	-638.5	-585.2	-58.1	-60.6	0.0
6	86	-171.3	295.2	-339.1	-326.8	-39.5	90.0
	136	2095.0	509.7	-168.5	-22.8	161.5	0.0
	135	852.8	463.8	-374.7	-9.4	10.6	0.0
	51	-503.5	-621.3	-578.9	-54.6	-55.0	0.0
7	86	-116.8	424.9	-160.5	-147.3	-23.5	99.3

	136	1966.7	257.0	-111.5	-22.6	185.5	0.0
	135	687.5	287.8	-235.3	-3.6	25.8	0.0
	51	-367.0	-341.1	-272.3	-14.9	-39.2	0.0
8	86	-60.9	543.2	-20.3	12.9	-15.1	103.9
	136	1916.2	60.0	-79.0	-25.0	198.9	0.0
	135	530.1	121.5	-137.0	3.1	39.5	0.0
	51	-296.9	-118.1	-15.8	15.5	-31.2	0.0
9	86	24.6	697.0	115.4	213.7	-17.0	102.1
	136	1986.4	-127.5	-76.7	-33.2	198.6	0.0
	135	312.2	-105.9	-68.4	14.5	56.9	0.0
	51	-316.5	104.9	269.9	43.2	-34.0	0.0
10	86	15.3	689.8	128.3	207.3	-11.7	105.4
	136	1926.8	-147.0	-60.3	-30.7	205.9	0.0
	135	328.0	-90.5	-47.1	12.8	56.3	0.0
	51	-269.7	122.1	276.2	46.8	-28.4	0.0
11	86	-71.5	503.9	-112.5	-56.9	-28.6	97.8
	136	2053.4	193.0	-123.5	-28.4	183.2	0.0
	135	567.6	180.3	-223.7	2.5	37.2	0.0
	51	-415.6	-260.8	-156.0	-5.8	-43.0	0.0
12	86	-72.2	501.0	-112.3	-56.7	-28.5	97.2
	136	2048.6	192.3	-123.1	-28.2	182.0	0.0
	135	573.2	179.8	-222.9	2.5	35.9	0.0
	51	-413.5	-259.8	-155.4	-5.8	-43.6	0.0
13	86	-71.5	503.9	-112.5	-56.9	-28.6	97.8
	136	2053.4	193.0	-123.5	-28.4	183.2	0.0
	135	567.6	180.3	-223.7	2.5	37.2	0.0
	51	-415.6	-260.8	-156.0	-5.8	-43.0	0.0
14	86	-72.6	499.1	-112.1	-56.7	-28.4	96.7
	136	2045.5	191.8	-122.9	-28.2	181.2	0.0
	135	576.9	179.5	-222.3	2.5	35.1	0.0
	51	-412.1	-259.2	-155.0	-5.7	-44.0	0.0
15	86	-71.5	503.9	-112.5	-56.9	-28.6	97.8
	136	2053.4	193.0	-123.5	-28.4	183.2	0.0
	135	567.6	180.3	-223.7	2.5	37.2	0.0
	51	-415.6	-260.8	-156.0	-5.8	-43.0	0.0
16	86	-73.1	497.1	-112.0	-56.6	-28.3	96.3
	136	2042.3	191.4	-122.7	-28.1	180.4	0.0
	135	580.6	179.1	-221.8	2.5	34.2	0.0
	51	-410.7	-258.5	-154.7	-5.7	-44.3	0.0
1	136	-383.1	-2068.1	-250.9	155.7	-154.0	-288.3
	211	981.7	319.8	-772.1	-144.9	-316.1	0.0
	210	4339.1	163.4	-552.2	122.0	-721.4	0.0
	135	-1717.1	-232.3	299.0	125.1	19.4	0.0
2	136	-437.2	-2371.6	-287.6	178.7	-176.5	-329.1
	211	1183.1	366.8	-884.9	-166.2	-352.4	0.0
	210	4957.7	187.2	-633.6	139.8	-820.1	0.0
	135	-1997.3	-266.4	342.6	143.5	26.0	0.0
3	136	-414.0	-1713.2	-226.0	160.2	-158.4	-175.7
	211	872.7	302.3	-772.5	-153.8	-246.4	0.0
	210	3456.1	181.2	-518.9	119.4	-480.4	0.0
	135	-1324.5	-233.3	313.8	131.4	-12.3	0.0
4	136	-330.8	-1590.7	-123.7	132.4	-88.8	-201.9
	211	642.1	148.3	-441.5	-80.9	-280.8	0.0
	210	3363.1	99.2	-297.7	77.1	-531.9	0.0
	135	-1177.2	-99.8	208.4	70.5	2.3	0.0
5	136	-452.6	-1800.6	-356.3	173.3	-235.1	-165.2
	211	1183.8	494.6	-1144.4	-233.8	-181.3	0.0
	210	3472.1	265.5	-785.4	164.9	-443.8	0.0
	135	-1559.3	-396.1	412.9	198.5	-12.3	0.0
6	136	-402.5	-1753.1	-365.8	156.7	-231.2	-182.3
	211	1219.7	505.4	-1132.1	-229.5	-159.9	0.0
	210	3392.7	255.8	-792.6	161.6	-463.9	0.0
	135	-1613.2	-402.2	392.5	195.0	2.4	0.0
7	136	-246.8	-1554.7	-257.6	104.8	-145.3	-233.0
	211	992.6	338.3	-731.4	-139.5	-175.0	0.0
	210	3191.5	148.8	-542.9	108.3	-547.5	0.0
	135	-1504.2	-253.5	245.7	119.8	36.6	0.0
8	136	-163.5	-1432.2	-155.3	77.0	-75.6	-259.2
	211	762.0	184.2	-400.4	-66.7	-209.3	0.0
	210	3098.5	66.9	-321.7	65.9	-599.0	0.0
	135	-1356.9	-120.0	140.3	58.9	51.2	0.0
9	136	-175.1	-1392.3	-15.5	80.5	-2.9	-252.6
	211	415.0	-18.9	-40.9	9.0	-295.8	0.0

	210	3161.9	-7.7	-48.0	23.8	-615.5	0.0
	135	-1068.2	48.9	61.6	-4.7	36.5	0.0
10	136	-124.9	-1344.8	-25.0	63.9	1.1	-269.7
	211	451.0	-8.1	-28.5	13.3	-274.4	0.0
	210	3082.5	-17.4	-55.2	20.4	-635.6	0.0
	135	-1122.1	42.9	41.2	-8.2	51.1	0.0
11	136	-293.1	-1586.1	-192.4	119.5	-118.1	-220.6
	211	771.5	245.3	-592.0	-111.1	-239.2	0.0
	210	3321.9	125.2	-423.6	93.6	-550.9	0.0
	135	-1326.0	-178.1	229.2	95.9	16.1	0.0
12	136	-291.5	-1581.1	-191.7	119.1	-117.7	-219.4
	211	788.7	244.5	-589.9	-110.8	-234.9	0.0
	210	3305.2	124.8	-422.4	93.2	-546.7	0.0
	135	-1331.5	-177.6	228.4	95.6	17.3	0.0
13	136	-293.1	-1586.1	-192.4	119.5	-118.1	-220.6
	211	771.5	245.3	-592.0	-111.1	-239.2	0.0
	210	3321.9	125.2	-423.6	93.6	-550.9	0.0
	135	-1326.0	-178.1	229.2	95.9	16.1	0.0
14	136	-290.4	-1577.7	-191.3	118.9	-117.4	-218.6
	211	800.2	244.0	-588.5	-110.6	-232.1	0.0
	210	3294.0	124.5	-421.5	93.0	-543.9	0.0
	135	-1335.2	-177.2	227.9	95.4	18.2	0.0
15	136	-293.1	-1586.1	-192.4	119.5	-118.1	-220.6
	211	771.5	245.3	-592.0	-111.1	-239.2	0.0
	210	3321.9	125.2	-423.6	93.6	-550.9	0.0
	135	-1326.0	-178.1	229.2	95.9	16.1	0.0
16	136	-289.3	-1574.4	-190.9	118.7	-117.2	-217.8
	211	811.6	243.5	-587.2	-110.4	-229.3	0.0
	210	3282.9	124.2	-420.7	92.8	-541.1	0.0
	135	-1338.9	-176.8	227.3	95.2	19.0	0.0
1	51	-82.4	86.1	-300.0	-167.5	6.5	-101.4
	135	1754.1	214.5	-252.2	9.4	-65.2	0.0
	134	1969.7	171.4	-86.3	27.1	-324.8	0.0
	85	-287.7	-85.9	-72.7	21.0	-214.4	0.0
2	51	-94.0	105.1	-343.8	-192.0	7.5	-115.1
	135	2039.5	245.9	-289.0	10.7	-71.4	0.0
	134	2259.0	196.6	-99.1	31.1	-371.0	0.0
	85	-339.6	-98.6	-83.5	24.1	-245.4	0.0
3	51	-37.0	109.8	-329.0	-204.9	-0.5	-73.0
	135	1527.1	290.5	-234.8	9.2	-47.2	0.0
	134	1432.3	123.7	-75.7	15.5	-240.0	0.0
	85	-272.1	-138.9	-144.0	-7.6	-178.5	0.0
4	51	-60.0	168.1	-181.9	-17.3	-5.8	-56.4
	135	1315.8	88.5	-207.9	-1.1	-60.6	0.0
	134	1384.5	75.1	-118.3	36.0	-225.9	0.0
	85	-73.9	-38.5	50.8	28.3	-174.1	0.0
5	51	-19.6	-4.2	-481.3	-435.0	11.3	-100.1
	135	1736.6	507.6	-245.2	23.4	-25.7	0.0
	134	1551.0	202.1	-4.0	-12.0	-265.0	0.0
	85	-543.6	-239.7	-377.5	-45.5	-173.8	0.0
6	51	-27.7	-43.5	-464.8	-444.7	16.1	-106.7
	135	1704.8	491.7	-227.4	25.2	-20.6	0.0
	134	1604.9	220.7	14.7	-15.1	-272.3	0.0
	85	-578.3	-225.8	-382.8	-42.1	-165.5	0.0
7	51	-64.0	-21.4	-273.8	-237.2	15.7	-94.9
	135	1421.2	237.5	-175.2	15.4	-30.3	0.0
	134	1612.0	185.7	-13.1	5.1	-264.5	0.0
	85	-387.5	-92.5	-161.7	3.7	-150.7	0.0
8	51	-87.0	36.9	-126.7	-49.7	10.5	-78.2
	135	1209.9	35.5	-148.3	5.0	-43.6	0.0
	134	1564.2	137.1	-55.8	25.6	-250.4	0.0
	85	-189.4	7.9	33.1	39.6	-146.4	0.0
9	51	-96.3	190.2	9.1	190.1	-6.2	-44.5
	135	1032.2	-165.7	-155.8	-11.0	-70.2	0.0
	134	1391.6	40.1	-146.2	56.2	-218.1	0.0
	85	116.9	94.8	271.9	74.1	-159.4	0.0
10	51	-104.4	150.9	25.6	180.4	-1.3	-51.1
	135	1000.4	-181.6	-137.9	-9.2	-65.1	0.0
	134	1445.5	58.7	-127.4	53.1	-225.4	0.0
	85	82.2	108.7	266.6	77.5	-151.1	0.0
11	51	-63.0	68.1	-230.0	-128.4	5.0	-77.4
	135	1354.4	164.5	-193.4	7.2	-48.9	0.0
	134	1510.7	131.4	-66.2	20.8	-248.6	0.0

	85	-223.8	-65.9	-55.8	16.1	-164.3	0.0
12	51	-62.6	70.1	-229.2	-128.0	5.0	-76.7
	135	1359.7	163.9	-192.7	7.2	-47.6	0.0
	134	1506.0	131.0	-66.0	20.7	-247.3	0.0
	85	-226.4	-65.8	-55.7	16.1	-163.6	0.0
13	51	-63.0	68.1	-230.0	-128.4	5.0	-77.4
	135	1354.4	164.5	-193.4	7.2	-48.9	0.0
	134	1510.7	131.4	-66.2	20.8	-248.6	0.0
	85	-223.8	-65.9	-55.8	16.1	-164.3	0.0
14	51	-62.4	71.4	-228.7	-127.7	5.0	-76.3
	135	1363.2	163.5	-192.2	7.1	-46.7	0.0
	134	1502.9	130.8	-65.9	20.7	-246.5	0.0
	85	-228.1	-65.7	-55.6	16.0	-163.1	0.0
15	51	-63.0	68.1	-230.0	-128.4	5.0	-77.4
	135	1354.4	164.5	-193.4	7.2	-48.9	0.0
	134	1510.7	131.4	-66.2	20.8	-248.6	0.0
	85	-223.8	-65.9	-55.8	16.1	-164.3	0.0
16	51	-62.1	72.7	-228.1	-127.4	5.0	-75.8
	135	1366.7	163.2	-191.8	7.1	-45.8	0.0
	134	1499.8	130.5	-65.8	20.6	-245.6	0.0
	85	-229.8	-65.6	-55.5	16.0	-162.7	0.0
1	135	94.6	-768.1	-217.3	245.0	-137.7	-4.2
	210	5269.9	309.1	-600.7	-158.4	714.3	0.0
	209	240.7	313.3	-873.9	98.9	288.6	0.0
	134	-3206.9	-405.2	109.2	128.4	343.1	0.0
2	135	104.6	-902.0	-249.2	280.7	-158.0	-8.5
	210	6032.0	354.9	-689.1	-181.7	811.9	0.0
	209	327.2	359.0	-1001.9	113.3	320.6	0.0
	134	-3685.3	-464.6	125.3	147.1	392.4	0.0
3	135	-42.5	-728.0	-203.8	226.7	-131.1	31.6
	210	4216.3	289.5	-622.5	-157.0	477.8	0.0
	209	456.2	369.9	-839.4	101.7	207.1	0.0
	134	-2655.5	-432.6	102.7	131.6	267.4	0.0
4	135	43.3	-523.0	-95.4	204.6	-66.3	16.4
	210	4111.9	140.0	-315.1	-98.3	527.6	0.0
	209	121.6	132.1	-449.1	59.9	244.6	0.0
	134	-2497.6	-154.0	123.4	79.0	291.3	0.0
5	135	-95.8	-956.6	-341.2	231.8	-210.9	27.2
	210	4218.8	478.5	-972.8	-220.5	441.9	0.0
	209	816.8	638.1	-1308.9	146.5	149.9	0.0
	134	-2750.0	-767.9	57.8	187.4	225.7	0.0
6	135	-55.8	-947.4	-350.6	214.0	-214.6	8.1
	210	4116.5	491.0	-965.8	-216.2	460.9	0.0
	209	791.2	630.2	-1320.9	143.1	138.4	0.0
	134	-2673.1	-776.8	39.8	182.7	213.8	0.0
7	135	90.9	-697.6	-235.2	167.5	-143.3	-31.9
	210	3875.3	331.2	-599.0	-142.8	541.1	0.0
	209	370.9	343.5	-879.5	90.3	168.8	0.0
	134	-2399.1	-462.2	43.0	116.0	227.8	0.0
8	135	176.6	-492.6	-126.8	145.3	-78.5	-47.2
	210	3771.0	181.7	-291.7	-84.1	590.9	0.0
	209	36.3	105.8	-489.2	48.5	206.3	0.0
	134	-2241.2	-183.7	63.6	63.5	251.8	0.0
9	135	190.0	-273.1	20.0	158.0	5.0	-23.7
	210	3870.8	-19.8	51.6	-24.9	607.8	0.0
	209	-298.7	-154.5	-7.7	7.1	274.9	0.0
	134	-2223.6	160.6	126.5	12.3	305.4	0.0
10	135	230.0	-264.0	10.6	140.3	1.3	-42.8
	210	3768.5	-7.3	58.7	-20.6	626.8	0.0
	209	-324.3	-162.4	-19.7	3.7	263.4	0.0
	134	-2146.7	151.7	108.6	7.6	293.5	0.0
11	135	71.3	-596.0	-166.6	187.8	-105.6	-4.4
	210	4038.0	237.2	-460.8	-121.5	545.5	0.0
	209	201.2	240.2	-670.2	75.8	218.0	0.0
	134	-2462.0	-310.7	83.8	98.4	262.8	0.0
12	135	69.7	-601.3	-166.1	187.2	-105.3	-5.7
	210	4021.4	236.6	-459.4	-121.2	541.3	0.0
	209	218.1	239.3	-668.0	75.5	213.7	0.0
	134	-2456.9	-309.8	83.6	98.1	261.6	0.0
13	135	71.3	-596.0	-166.6	187.8	-105.6	-4.4
	210	4038.0	237.2	-460.8	-121.5	545.5	0.0
	209	201.2	240.2	-670.2	75.8	218.0	0.0
	134	-2462.0	-310.7	83.8	98.4	262.8	0.0

14	135	68.7	-604.9	-165.8	186.7	-105.1	-6.5
	210	4010.3	236.2	-458.4	-120.9	538.5	0.0
	209	229.4	238.7	-666.5	75.4	210.9	0.0
	134	-2453.5	-309.1	83.4	97.9	260.8	0.0
15	135	71.3	-596.0	-166.6	187.8	-105.6	-4.4
	210	4038.0	237.2	-460.8	-121.5	545.5	0.0
	209	201.2	240.2	-670.2	75.8	218.0	0.0
	134	-2462.0	-310.7	83.8	98.4	262.8	0.0
16	135	67.6	-608.5	-165.5	186.3	-104.9	-7.4
	210	3999.2	235.8	-457.5	-120.7	535.7	0.0
	209	240.6	238.1	-665.0	75.2	208.1	0.0
	134	-2450.1	-308.5	83.2	97.6	260.0	0.0
1	87	-187.5	506.6	-130.5	-47.2	-35.5	155.8
	138	2235.4	229.7	-179.1	-40.8	249.8	0.0
	137	937.4	212.9	-289.2	0.7	51.7	0.0
	52	-157.2	-312.0	-148.3	1.2	-13.8	0.0
2	87	-218.0	575.5	-149.9	-54.2	-40.6	177.5
	138	2566.3	263.0	-205.5	-46.6	284.9	0.0
	137	1098.2	244.2	-331.3	0.9	55.7	0.0
	52	-176.0	-357.3	-169.7	1.5	-17.4	0.0
3	87	-205.2	269.9	-186.4	-103.8	-39.9	114.9
	138	1778.4	305.5	-196.5	-37.7	189.8	0.0
	137	859.5	259.7	-317.4	-0.8	32.5	0.0
	52	-189.5	-374.8	-227.5	-14.2	-15.6	0.0
4	87	-129.6	405.4	-64.8	20.3	-33.6	110.7
	138	1872.9	139.5	-139.8	-35.4	204.5	0.0
	137	674.6	110.5	-211.7	7.7	42.9	0.0
	52	-236.0	-181.2	-39.6	4.0	-18.7	0.0
5	87	-278.5	140.4	-310.0	-244.7	-40.3	122.7
	138	1582.7	465.3	-240.3	-36.3	166.3	0.0
	137	1057.4	417.6	-409.1	-12.7	18.4	0.0
	52	-66.3	-571.6	-431.9	-31.1	-8.6	0.0
6	87	-265.8	164.9	-294.4	-241.3	-34.3	125.2
	138	1509.4	436.3	-221.2	-32.9	160.9	0.0
	137	1042.1	403.8	-382.1	-14.4	16.7	0.0
	52	-7.3	-546.8	-419.2	-27.4	-5.8	0.0
7	87	-162.9	351.7	-134.3	-92.4	-20.0	123.4
	138	1534.1	208.8	-132.9	-26.3	171.7	0.0
	137	808.5	213.5	-227.3	-6.4	26.8	0.0
	52	7.4	-292.0	-185.1	-1.9	-6.1	0.0
8	87	-87.3	487.3	-12.7	31.8	-13.8	119.2
	138	1628.6	42.8	-76.2	-24.0	186.4	0.0
	137	623.6	64.2	-121.6	2.1	37.2	0.0
	52	-39.0	-98.5	2.7	16.3	-9.2	0.0
9	87	-26.7	592.2	95.4	169.2	-19.4	108.9
	138	1897.6	-87.9	-51.4	-28.8	215.3	0.0
	137	441.0	-79.8	-56.8	15.7	53.0	0.0
	52	-221.3	73.5	194.4	29.5	-19.0	0.0
10	87	-14.0	616.8	111.0	172.7	-13.4	111.4
	138	1824.3	-117.0	-32.4	-25.4	209.8	0.0
	137	425.7	-93.7	-29.8	14.0	51.3	0.0
	52	-162.2	98.4	207.1	33.2	-16.2	0.0
11	87	-144.7	386.8	-100.2	-36.3	-27.2	119.1
	138	1715.3	176.0	-137.4	-31.2	191.1	0.0
	137	726.5	163.3	-221.7	0.6	38.5	0.0
	52	-119.2	-239.1	-113.6	1.0	-11.1	0.0
12	87	-145.3	383.7	-99.9	-36.2	-27.1	118.3
	138	1710.9	175.3	-137.0	-31.1	189.9	0.0
	137	732.1	162.8	-220.8	0.6	37.1	0.0
	52	-117.3	-238.2	-113.2	1.0	-11.6	0.0
13	87	-144.7	386.8	-100.2	-36.3	-27.2	119.1
	138	1715.3	176.0	-137.4	-31.2	191.1	0.0
	137	726.5	163.3	-221.7	0.6	38.5	0.0
	52	-119.2	-239.1	-113.6	1.0	-11.1	0.0
14	87	-145.7	381.6	-99.8	-36.1	-27.0	117.8
	138	1707.9	174.9	-136.7	-31.0	189.2	0.0
	137	735.9	162.5	-220.3	0.6	36.2	0.0
	52	-116.1	-237.6	-112.8	1.0	-11.9	0.0
15	87	-144.7	386.8	-100.2	-36.3	-27.2	119.1
	138	1715.3	176.0	-137.4	-31.2	191.1	0.0
	137	726.5	163.3	-221.7	0.6	38.5	0.0
	52	-119.2	-239.1	-113.6	1.0	-11.1	0.0
16	87	-146.1	379.6	-99.6	-36.0	-26.9	117.3

	138	1705.0	174.4	-136.5	-30.9	188.4	0.0
	137	739.7	162.1	-219.7	0.6	35.3	0.0
	52	-114.9	-236.9	-112.5	1.0	-12.2	0.0
1	138	-528.1	-2153.5	-223.9	173.0	-143.4	-258.1
	213	704.3	275.7	-708.8	-131.1	-295.2	0.0
	212	4255.2	146.9	-521.2	122.2	-645.5	0.0
	137	-1270.3	-198.8	296.3	113.4	-6.9	0.0
2	138	-602.2	-2469.8	-256.6	198.4	-164.4	-295.1
	213	864.3	316.2	-812.1	-150.3	-328.2	0.0
	212	4860.9	168.3	-597.8	140.0	-733.2	0.0
	137	-1483.5	-227.9	339.4	130.0	-4.2	0.0
3	138	-518.7	-1819.6	-194.7	191.3	-149.4	-166.5
	213	660.9	261.1	-717.4	-140.4	-225.8	0.0
	212	3354.8	152.6	-509.5	120.5	-477.9	0.0
	137	-1111.7	-213.5	323.4	118.2	-21.7	0.0
4	138	-467.3	-1757.9	-112.1	138.9	-87.5	-186.7
	213	449.8	125.5	-426.2	-76.2	-272.3	0.0
	212	3508.0	98.7	-300.9	82.2	-541.3	0.0
	137	-1052.7	-107.2	211.6	70.7	-14.7	0.0
5	138	-511.8	-1786.0	-302.8	228.9	-215.1	-155.9
	213	942.3	430.7	-1033.6	-209.2	-145.4	0.0
	212	3023.0	205.6	-746.7	159.2	-384.8	0.0
	137	-1122.4	-331.0	424.0	167.9	-17.5	0.0
6	138	-454.5	-1695.5	-312.8	208.9	-209.4	-167.0
	213	972.4	440.5	-1013.4	-204.0	-123.0	0.0
	212	2891.8	197.1	-741.4	154.1	-368.4	0.0
	137	-1072.6	-325.4	398.4	163.0	-7.0	0.0
7	138	-327.6	-1518.0	-228.1	124.4	-130.4	-203.5
	213	761.4	293.8	-650.1	-123.2	-151.1	0.0
	212	2917.5	124.3	-492.0	103.4	-423.1	0.0
	137	-945.6	-194.9	238.2	101.7	13.5	0.0
8	138	-276.1	-1456.3	-145.4	72.0	-68.5	-223.8
	213	550.4	158.2	-358.9	-59.0	-197.6	0.0
	212	3070.6	70.4	-283.5	65.0	-486.5	0.0
	137	-886.6	-88.6	126.5	54.1	20.5	0.0
9	138	-340.4	-1580.4	-27.3	54.4	-8.5	-223.2
	213	238.8	-21.2	-62.9	4.7	-300.4	0.0
	212	3533.6	25.9	-51.5	31.4	-596.0	0.0
	137	-925.7	23.3	51.4	9.4	5.7	0.0
10	138	-283.0	-1489.9	-37.3	34.3	-2.8	-234.4
	213	269.0	-11.4	-42.7	9.8	-278.0	0.0
	212	3402.4	17.4	-46.3	26.3	-579.6	0.0
	137	-875.9	28.9	25.9	4.4	16.3	0.0
11	138	-403.9	-1651.7	-171.7	132.7	-110.0	-197.7
	213	558.5	211.5	-543.4	-100.5	-223.0	0.0
	212	3257.3	112.6	-399.8	93.7	-492.8	0.0
	137	-982.9	-152.4	227.1	86.9	-4.1	0.0
12	138	-401.5	-1646.5	-171.1	132.3	-109.6	-196.7
	213	576.2	210.8	-541.4	-100.2	-218.8	0.0
	212	3240.6	112.2	-398.5	93.3	-488.8	0.0
	137	-989.0	-151.9	226.3	86.7	-2.8	0.0
13	138	-403.9	-1651.7	-171.7	132.7	-110.0	-197.7
	213	558.5	211.5	-543.4	-100.5	-223.0	0.0
	212	3257.3	112.6	-399.8	93.7	-492.8	0.0
	137	-982.9	-152.4	227.1	86.9	-4.1	0.0
14	138	-399.9	-1643.1	-170.7	132.0	-109.3	-196.1
	213	588.0	210.3	-540.1	-100.0	-215.9	0.0
	212	3229.5	111.9	-397.7	93.1	-486.2	0.0
	137	-993.1	-151.6	225.7	86.5	-1.9	0.0
15	138	-403.9	-1651.7	-171.7	132.7	-110.0	-197.7
	213	558.5	211.5	-543.4	-100.5	-223.0	0.0
	212	3257.3	112.6	-399.8	93.7	-492.8	0.0
	137	-982.9	-152.4	227.1	86.9	-4.1	0.0
16	138	-398.2	-1639.7	-170.3	131.8	-109.1	-195.4
	213	599.7	209.9	-538.8	-99.8	-213.1	0.0
	212	3218.3	111.6	-396.9	92.9	-483.5	0.0
	137	-997.1	-151.2	225.2	86.3	-1.1	0.0
1	52	-329.8	-1.4	-324.4	-153.3	5.1	2.6
	137	1202.6	198.0	-292.6	6.3	-66.5	0.0
	136	2047.8	254.4	-160.7	45.6	-234.0	0.0
	86	273.3	-128.1	-72.0	37.8	-191.8	0.0
2	52	-378.5	4.0	-371.7	-175.7	5.8	4.6

	137	1404.3	226.9	-335.3	7.2	-72.5	0.0
	136	2349.1	291.8	-184.3	52.2	-266.5	0.0
	86	306.6	-147.0	-82.7	43.4	-219.0	0.0
3	52	-275.7	-81.1	-366.2	-196.8	-1.7	1.8
	137	1036.7	283.8	-298.7	5.7	-47.4	0.0
	136	1644.9	291.4	-189.3	39.1	-178.6	0.0
	86	110.2	-202.5	-160.3	15.8	-147.0	0.0
4	52	-207.0	1.4	-180.9	-23.6	-7.8	-18.0
	137	971.2	97.8	-210.5	-3.5	-61.5	0.0
	136	1572.0	142.0	-129.6	37.4	-201.1	0.0
	86	162.9	-52.4	24.0	29.5	-156.5	0.0
5	52	-362.8	-145.3	-563.4	-403.4	11.4	33.4
	137	1072.3	472.6	-378.9	18.9	-25.1	0.0
	136	1694.9	449.6	-232.9	38.6	-142.4	0.0
	86	92.8	-356.8	-366.0	4.2	-131.0	0.0
6	52	-368.8	-117.8	-547.0	-407.1	16.6	40.7
	137	1037.3	448.3	-359.6	21.1	-20.0	0.0
	136	1664.8	435.7	-210.6	36.4	-133.9	0.0
	86	130.5	-338.8	-358.1	7.8	-126.8	0.0
7	52	-295.4	10.4	-311.7	-209.3	15.5	26.0
	137	920.2	202.9	-234.0	13.0	-30.5	0.0
	136	1544.6	245.1	-114.9	31.9	-150.2	0.0
	86	236.1	-142.8	-133.8	28.0	-132.9	0.0
8	52	-226.7	92.9	-126.4	-36.0	9.4	6.2
	137	854.7	16.8	-145.8	3.9	-44.6	0.0
	136	1471.6	95.6	-55.3	30.1	-172.8	0.0
	86	288.8	7.4	50.6	41.7	-142.4	0.0
9	52	-133.7	129.7	54.4	174.2	-8.9	-32.7
	137	854.1	-147.6	-84.9	-11.6	-71.9	0.0
	136	1451.8	-48.7	-34.0	32.8	-217.5	0.0
	86	268.5	143.7	248.4	49.7	-162.6	0.0
10	52	-139.6	157.1	70.8	170.5	-3.7	-25.4
	137	819.1	-171.9	-65.5	-9.4	-66.9	0.0
	136	1421.7	-62.6	-11.7	30.6	-209.0	0.0
	86	306.3	161.6	256.3	53.3	-158.4	0.0
11	52	-253.0	0.8	-248.7	-117.6	3.9	2.5
	137	930.5	151.8	-224.3	4.8	-49.8	0.0
	136	1570.8	195.2	-123.3	35.0	-178.9	0.0
	86	207.4	-98.3	-55.3	29.0	-146.8	0.0
12	52	-252.4	2.7	-247.8	-117.1	3.9	3.1
	137	936.2	151.2	-223.5	4.8	-48.4	0.0
	136	1566.1	194.5	-122.9	34.8	-177.7	0.0
	86	204.4	-98.0	-55.1	28.9	-146.0	0.0
13	52	-253.0	0.8	-248.7	-117.6	3.9	2.5
	137	930.5	151.8	-224.3	4.8	-49.8	0.0
	136	1570.8	195.2	-123.3	35.0	-178.9	0.0
	86	207.4	-98.3	-55.3	29.0	-146.8	0.0
14	52	-251.9	4.0	-247.2	-116.9	3.9	3.4
	137	940.0	150.9	-223.0	4.8	-47.4	0.0
	136	1563.0	194.1	-122.6	34.7	-176.9	0.0
	86	202.5	-97.8	-55.0	28.8	-145.5	0.0
15	52	-253.0	0.8	-248.7	-117.6	3.9	2.5
	137	930.5	151.8	-224.3	4.8	-49.8	0.0
	136	1570.8	195.2	-123.3	35.0	-178.9	0.0
	86	207.4	-98.3	-55.3	29.0	-146.8	0.0
16	52	-251.4	5.3	-246.6	-116.6	3.9	3.8
	137	943.8	150.5	-222.5	4.8	-46.5	0.0
	136	1559.8	193.7	-122.4	34.7	-176.1	0.0
	86	200.5	-97.6	-54.9	28.8	-145.0	0.0
1	137	-109.7	-869.7	-212.1	285.5	-120.4	21.7
	212	4736.8	197.7	-528.1	-136.5	663.2	0.0
	211	323.5	269.7	-764.7	122.3	327.6	0.0
	136	-2655.0	-255.3	165.9	145.4	282.6	0.0
2	137	-130.0	-1018.9	-243.2	327.1	-138.1	21.0
	212	5419.0	227.1	-605.5	-156.6	753.1	0.0
	211	422.3	308.8	-876.4	140.1	365.4	0.0
	136	-3050.5	-292.7	190.3	166.7	322.6	0.0
3	137	-228.1	-860.3	-191.9	291.6	-122.5	39.0
	212	3666.4	150.1	-540.2	-132.3	489.0	0.0
	211	525.4	304.5	-714.4	132.6	243.3	0.0
	136	-2189.7	-243.2	194.1	151.9	178.1	0.0
4	137	-116.8	-681.8	-92.9	209.5	-74.1	30.2
	212	3865.4	108.0	-302.6	-90.1	555.4	0.0

	211	211.1	131.0	-422.1	67.3	278.6	0.0
	136	-2123.2	-127.3	129.2	83.5	211.9	0.0
5	137	-299.2	-1010.5	-320.5	363.7	-174.2	33.2
	212	3308.3	214.5	-803.5	-176.4	392.5	0.0
	211	851.0	497.6	-1064.2	203.8	184.9	0.0
	136	-2176.2	-384.6	245.0	226.6	151.2	0.0
6	137	-248.9	-960.8	-331.8	343.5	-170.2	19.5
	212	3200.4	227.5	-791.6	-172.0	376.3	0.0
	211	815.7	489.6	-1071.8	199.5	170.2	0.0
	136	-2098.1	-389.9	223.8	222.2	162.1	0.0
7	137	-60.4	-694.4	-229.5	224.1	-109.1	-6.7
	212	3306.8	193.6	-500.5	-117.6	434.9	0.0
	211	407.9	277.9	-739.7	118.4	194.2	0.0
	136	-1929.4	-260.7	123.3	137.4	214.2	0.0
8	137	50.9	-515.9	-130.6	142.0	-60.7	-15.5
	212	3505.9	151.4	-262.9	-75.4	501.4	0.0
	211	93.6	104.4	-447.5	53.1	229.5	0.0
	136	-1862.9	-144.7	58.5	69.0	248.0	0.0
9	137	71.7	-415.4	9.3	90.1	-13.0	4.0
	212	3971.8	74.1	-11.5	-35.8	614.0	0.0
	211	-196.7	-80.8	-90.0	-13.8	302.6	0.0
	136	-1954.5	1.9	28.8	-1.3	264.1	0.0
10	137	122.0	-365.6	-2.0	69.8	-9.0	-9.7
	212	3864.0	87.1	0.4	-31.4	597.8	0.0
	211	-232.0	-88.7	-97.6	-18.1	287.8	0.0
	136	-1876.4	-3.4	7.6	-5.7	274.9	0.0
11	137	-85.5	-674.0	-162.7	218.9	-92.4	15.4
	212	3628.6	151.8	-405.0	-104.7	506.2	0.0
	211	264.8	206.7	-586.3	93.8	247.9	0.0
	136	-2038.1	-195.8	127.3	111.5	216.3	0.0
12	137	-86.7	-679.3	-162.1	218.1	-92.1	14.0
	212	3612.7	151.4	-403.7	-104.4	502.1	0.0
	211	281.5	205.8	-584.3	93.4	243.6	0.0
	136	-2033.7	-195.1	126.9	111.1	215.1	0.0
13	137	-85.5	-674.0	-162.7	218.9	-92.4	15.4
	212	3628.6	151.8	-405.0	-104.7	506.2	0.0
	211	264.8	206.7	-586.3	93.8	247.9	0.0
	136	-2038.1	-195.8	127.3	111.5	216.3	0.0
14	137	-87.4	-682.8	-161.8	217.6	-91.9	13.1
	212	3602.0	151.2	-402.8	-104.2	499.3	0.0
	211	292.7	205.3	-582.9	93.2	240.7	0.0
	136	-2030.7	-194.7	126.6	110.8	214.3	0.0
15	137	-85.5	-674.0	-162.7	218.9	-92.4	15.4
	212	3628.6	151.8	-405.0	-104.7	506.2	0.0
	211	264.8	206.7	-586.3	93.8	247.9	0.0
	136	-2038.1	-195.8	127.3	111.5	216.3	0.0
16	137	-88.2	-686.3	-161.4	217.1	-91.7	12.2
	212	3591.4	150.9	-402.0	-104.0	496.5	0.0
	211	303.9	204.7	-581.6	93.0	237.8	0.0
	136	-2027.8	-194.2	126.4	110.6	213.5	0.0
1	88	-24.1	532.4	-84.3	6.2	-29.3	158.3
	140	2399.0	143.6	-157.0	-34.5	389.6	0.0
	139	842.7	185.5	-259.0	7.5	63.9	0.0
	53	-252.0	-244.8	-83.9	11.9	84.4	0.0
2	88	-31.8	603.7	-97.1	6.9	-33.5	179.9
	140	2747.2	164.5	-180.3	-39.3	444.0	0.0
	139	993.2	212.9	-296.7	8.6	68.8	0.0
	53	-280.0	-280.3	-96.0	13.6	94.9	0.0
3	88	-68.8	265.8	-155.4	-62.6	-32.8	115.0
	140	1933.4	228.2	-185.9	-29.0	301.4	0.0
	139	800.1	249.1	-302.8	5.6	39.1	0.0
	53	-286.2	-321.0	-169.4	-1.3	70.1	0.0
4	88	-10.3	382.8	-40.7	39.3	-29.6	124.0
	140	2093.4	98.4	-122.3	-34.7	330.4	0.0
	139	617.7	101.1	-196.2	11.8	63.1	0.0
	53	-380.0	-157.9	-23.6	9.4	77.9	0.0
5	88	-125.9	179.9	-265.8	-170.3	-30.1	103.6
	140	1611.0	341.6	-235.9	-18.2	251.4	0.0
	139	988.5	398.2	-390.1	-3.7	5.4	0.0
	53	-69.9	-473.6	-316.4	-10.2	52.5	0.0
6	88	-116.3	223.1	-245.8	-160.6	-24.6	102.9
	140	1494.7	308.9	-215.3	-14.7	237.6	0.0
	139	967.5	377.9	-358.4	-5.5	0.6	0.0

	53	21.6	-441.3	-296.6	-7.2	45.2	0.0
7	88	-36.7	410.0	-88.6	-30.3	-14.6	112.6
	140	1545.7	119.5	-117.0	-17.1	255.3	0.0
	139	730.3	181.5	-197.1	-0.4	22.9	0.0
	53	18.9	-213.3	-103.5	8.8	45.8	0.0
8	88	21.8	526.9	26.1	71.7	-11.5	121.7
	140	1705.7	-10.3	-53.4	-22.8	284.3	0.0
	139	547.9	33.4	-90.5	5.8	46.9	0.0
	53	-74.9	-50.2	42.3	19.5	53.6	0.0
9	88	69.3	569.6	116.5	169.6	-19.6	133.8
	140	2144.4	-91.0	-24.0	-37.1	348.1	0.0
	139	380.5	-95.4	-34.9	17.0	85.5	0.0
	53	-382.7	70.1	169.5	25.4	78.5	0.0
10	88	78.9	612.9	136.5	179.3	-14.2	133.1
	140	2028.0	-123.7	-3.4	-33.5	334.3	0.0
	139	359.5	-115.7	-3.2	15.2	80.6	0.0
	53	-291.1	102.4	189.3	28.4	71.2	0.0
11	88	-19.9	406.1	-64.8	4.7	-22.5	120.9
	140	1838.6	110.1	-120.5	-26.4	297.9	0.0
	139	655.0	142.3	-198.5	5.7	47.5	0.0
	53	-190.4	-187.6	-64.3	9.1	64.1	0.0
12	88	-21.2	402.5	-64.7	4.6	-22.3	119.9
	140	1831.5	109.7	-120.2	-26.2	296.0	0.0
	139	662.1	141.9	-197.8	5.7	45.8	0.0
	53	-186.7	-186.9	-64.0	9.1	63.3	0.0
13	88	-19.9	406.1	-64.8	4.7	-22.5	120.9
	140	1838.6	110.1	-120.5	-26.4	297.9	0.0
	139	655.0	142.3	-198.5	5.7	47.5	0.0
	53	-190.4	-187.6	-64.3	9.1	64.1	0.0
14	88	-22.1	400.0	-64.7	4.6	-22.3	119.3
	140	1826.7	109.4	-120.0	-26.1	294.7	0.0
	139	666.9	141.7	-197.3	5.7	44.7	0.0
	53	-184.2	-186.3	-63.8	9.1	62.7	0.0
15	88	-19.9	406.1	-64.8	4.7	-22.5	120.9
	140	1838.6	110.1	-120.5	-26.4	297.9	0.0
	139	655.0	142.3	-198.5	5.7	47.5	0.0
	53	-190.4	-187.6	-64.3	9.1	64.1	0.0
16	88	-23.0	397.6	-64.7	4.5	-22.2	118.6
	140	1821.9	109.1	-119.8	-26.0	293.5	0.0
	139	671.6	141.4	-196.9	5.7	43.6	0.0
	53	-181.8	-185.8	-63.6	9.1	62.1	0.0
1	140	-1006.8	-2127.4	-280.6	138.5	-122.0	-42.0
	215	-0.1	257.2	-694.1	-114.6	-234.1	0.0
	214	4470.5	188.1	-510.9	135.0	-547.6	0.0
	139	-807.4	-164.7	265.0	119.2	78.3	0.0
2	140	-1141.9	-2439.9	-321.1	159.2	-139.7	-50.9
	215	63.7	294.7	-794.9	-131.4	-258.0	0.0
	214	5102.9	215.1	-585.6	154.4	-622.4	0.0
	139	-954.8	-188.6	303.7	136.5	92.8	0.0
3	140	-835.6	-1872.1	-250.3	175.7	-129.5	-28.5
	215	166.0	246.0	-714.6	-125.9	-174.1	0.0
	214	3578.3	174.4	-507.6	133.8	-412.7	0.0
	139	-767.5	-154.7	306.5	125.4	56.2	0.0
4	140	-929.6	-1801.8	-165.4	110.2	-81.6	-9.9
	215	-129.5	124.3	-445.9	-69.3	-227.0	0.0
	214	3851.1	132.8	-310.3	99.3	-463.4	0.0
	139	-687.3	-77.0	195.3	83.1	59.2	0.0
5	140	-633.1	-1801.0	-352.7	226.1	-176.2	-61.4
	215	553.1	395.0	-990.5	-184.6	-87.5	0.0
	214	3019.0	214.9	-723.1	163.9	-333.6	0.0
	139	-806.8	-251.7	401.4	165.1	56.5	0.0
6	140	-553.6	-1669.8	-355.5	203.7	-168.4	-71.1
	215	589.5	401.1	-958.2	-178.3	-66.2	0.0
	214	2812.4	208.1	-710.6	155.3	-316.5	0.0
	139	-760.2	-257.2	371.7	156.8	59.8	0.0
7	140	-570.4	-1434.7	-259.8	101.3	-103.3	-60.7
	215	287.3	266.2	-607.1	-105.0	-103.1	0.0
	214	2889.6	151.7	-466.0	105.0	-355.6	0.0
	139	-612.3	-172.9	207.3	97.7	67.3	0.0
8	140	-664.4	-1364.4	-174.8	35.8	-55.4	-42.2
	215	-8.2	144.5	-338.4	-48.4	-156.1	0.0
	214	3162.4	110.2	-268.7	70.6	-406.3	0.0
	139	-532.0	-95.2	96.2	55.4	70.4	0.0

9	140	-946.4	-1566.7	-69.6	7.8	-16.5	0.4
	215	-431.7	-10.6	-94.8	4.1	-263.9	0.0
	214	3928.3	76.4	-65.7	49.1	-502.5	0.0
	139	-539.3	7.3	30.9	24.0	66.8	0.0
10	140	-866.9	-1435.4	-72.4	-14.5	-8.7	-9.3
	215	-395.3	-4.5	-62.5	10.4	-242.6	0.0
	214	3721.6	69.6	-53.2	40.4	-485.4	0.0
	139	-492.7	1.8	1.2	15.7	70.1	0.0
11	140	-768.0	-1631.7	-215.0	106.3	-93.5	-33.1
	215	20.7	197.1	-532.0	-87.9	-176.1	0.0
	214	3420.9	144.1	-391.7	103.4	-418.2	0.0
	139	-628.6	-126.2	203.2	91.4	61.1	0.0
12	140	-761.3	-1626.6	-214.1	106.1	-93.1	-33.9
	215	42.5	196.4	-529.9	-87.6	-172.0	0.0
	214	3401.9	143.4	-390.4	102.9	-414.9	0.0
	139	-636.6	-125.7	202.5	91.0	61.9	0.0
13	140	-768.0	-1631.7	-215.0	106.3	-93.5	-33.1
	215	20.7	197.1	-532.0	-87.9	-176.1	0.0
	214	3420.9	144.1	-391.7	103.4	-418.2	0.0
	139	-628.6	-126.2	203.2	91.4	61.1	0.0
14	140	-756.8	-1623.3	-213.5	106.0	-92.8	-34.5
	215	57.1	196.0	-528.6	-87.4	-169.2	0.0
	214	3389.3	142.9	-389.5	102.6	-412.8	0.0
	139	-641.8	-125.4	202.0	90.8	62.5	0.0
15	140	-768.0	-1631.7	-215.0	106.3	-93.5	-33.1
	215	20.7	197.1	-532.0	-87.9	-176.1	0.0
	214	3420.9	144.1	-391.7	103.4	-418.2	0.0
	139	-628.6	-126.2	203.2	91.4	61.1	0.0
16	140	-752.3	-1619.9	-212.9	105.8	-92.6	-35.0
	215	71.6	195.5	-527.2	-87.2	-166.4	0.0
	214	3376.7	142.5	-388.6	102.3	-410.6	0.0
	139	-647.1	-125.1	201.5	90.5	63.0	0.0
1	53	-388.1	-75.4	-282.7	-115.2	-0.1	8.7
	139	1011.5	174.8	-289.7	-8.6	-89.6	0.0
	138	2132.1	219.4	-160.1	45.2	-230.6	0.0
	87	453.8	-111.5	-26.4	44.5	-188.2	0.0
2	53	-444.5	-82.2	-323.9	-131.8	-0.1	11.4
	139	1183.2	200.0	-331.9	-9.8	-97.8	0.0
	138	2447.7	251.6	-183.5	51.8	-263.1	0.0
	87	515.3	-127.8	-30.3	51.0	-213.7	0.0
3	53	-335.8	-178.2	-339.1	-175.7	-5.1	3.7
	139	885.4	266.5	-311.8	-8.4	-61.4	0.0
	138	1756.9	265.2	-201.1	39.7	-181.0	0.0
	87	246.8	-190.8	-111.1	26.9	-138.0	0.0
4	53	-295.0	-109.3	-172.0	-34.7	-12.1	-13.2
	139	846.9	113.4	-211.0	-14.9	-91.5	0.0
	138	1698.9	127.6	-135.5	37.0	-201.2	0.0
	87	271.7	-67.2	19.3	30.5	-163.5	0.0
5	53	-368.7	-194.5	-505.3	-327.8	8.9	32.6
	139	882.5	404.8	-400.2	2.9	-16.1	0.0
	138	1752.2	405.2	-245.1	40.1	-145.3	0.0
	87	273.4	-304.0	-245.1	26.3	-101.1	0.0
6	53	-356.2	-139.5	-480.7	-317.0	14.0	40.4
	139	841.5	370.3	-375.3	6.0	-7.5	0.0
	138	1690.3	387.4	-217.1	37.6	-134.9	0.0
	87	321.1	-277.5	-229.6	29.4	-95.0	0.0
7	53	-293.8	5.2	-257.1	-139.8	11.9	29.9
	139	748.9	151.4	-228.8	2.1	-32.6	0.0
	138	1550.5	206.2	-108.0	31.6	-146.2	0.0
	87	405.9	-102.3	-59.4	37.1	-117.6	0.0
8	53	-253.0	74.2	-90.0	1.2	5.0	13.0
	139	710.4	-1.7	-128.0	-4.4	-62.8	0.0
	138	1492.6	68.5	-42.3	28.9	-166.3	0.0
	87	430.8	21.3	70.9	40.7	-143.0	0.0
9	53	-232.7	35.4	51.6	142.5	-14.1	-23.7
	139	754.3	-105.5	-64.5	-18.9	-116.7	0.0
	138	1559.1	-53.7	-26.3	31.0	-212.5	0.0
	87	356.5	108.0	189.5	38.2	-186.0	0.0
10	53	-220.1	90.4	76.2	153.3	-9.0	-15.9
	139	713.3	-140.0	-39.6	-15.7	-108.1	0.0
	138	1497.2	-71.4	1.6	28.6	-202.0	0.0
	87	404.3	134.6	205.0	41.2	-179.9	0.0
11	53	-297.5	-56.4	-216.7	-88.3	-0.1	7.1

	139	783.3	133.9	-222.1	-6.6	-67.1	0.0
	138	1636.1	168.3	-122.7	34.6	-176.4	0.0
	87	346.4	-85.5	-20.3	34.1	-143.7	0.0
12	53	-296.3	-54.8	-215.9	-87.9	-0.1	7.6
	139	788.8	133.4	-221.2	-6.5	-65.2	0.0
	138	1631.8	167.8	-122.4	34.5	-175.4	0.0
	87	343.6	-85.2	-20.2	34.0	-142.5	0.0
13	53	-297.5	-56.4	-216.7	-88.3	-0.1	7.1
	139	783.3	133.9	-222.1	-6.6	-67.1	0.0
	138	1636.1	168.3	-122.7	34.6	-176.4	0.0
	87	346.4	-85.5	-20.3	34.1	-143.7	0.0
14	53	-295.6	-53.7	-215.4	-87.6	-0.1	7.9
	139	792.4	133.0	-220.7	-6.5	-64.0	0.0
	138	1629.0	167.4	-122.1	34.4	-174.7	0.0
	87	341.7	-85.0	-20.1	33.9	-141.7	0.0
15	53	-297.5	-56.4	-216.7	-88.3	-0.1	7.1
	139	783.3	133.9	-222.1	-6.6	-67.1	0.0
	138	1636.1	168.3	-122.7	34.6	-176.4	0.0
	87	346.4	-85.5	-20.3	34.1	-143.7	0.0
16	53	-294.8	-52.6	-214.8	-87.4	-0.1	8.2
	139	796.1	132.6	-220.2	-6.4	-62.7	0.0
	138	1626.1	167.0	-121.8	34.3	-174.0	0.0
	87	339.8	-84.8	-20.1	33.8	-140.9	0.0
1	139	-102.1	-1046.9	-195.6	283.6	-118.1	-52.7
	214	4234.2	160.0	-487.8	-119.4	588.8	0.0
	213	562.3	260.8	-719.5	125.2	249.2	0.0
	138	-2214.0	-225.2	166.2	139.0	239.0	0.0
2	139	-120.6	-1221.5	-224.3	324.9	-135.3	-63.8
	214	4843.3	184.0	-559.3	-137.0	669.0	0.0
	213	694.4	298.4	-824.4	143.4	276.2	0.0
	138	-2544.3	-258.0	190.6	159.2	273.2	0.0
3	139	-185.6	-1013.9	-175.2	307.6	-122.0	-36.5
	214	3320.0	115.6	-506.3	-118.8	441.9	0.0
	213	679.1	283.0	-702.8	137.5	180.6	0.0
	138	-1796.0	-207.8	205.4	148.0	181.7	0.0
4	139	-111.5	-889.3	-84.4	211.5	-79.2	-32.1
	214	3558.6	81.3	-294.0	-81.4	497.4	0.0
	213	424.6	135.4	-428.4	75.6	216.0	0.0
	138	-1899.5	-117.9	135.6	86.3	206.7	0.0
5	139	-225.4	-1068.7	-294.5	388.7	-164.3	-48.6
	214	2877.4	172.2	-733.5	-156.0	356.4	0.0
	213	931.9	447.0	-1009.3	201.6	124.8	0.0
	138	-1565.1	-318.2	256.0	211.7	143.1	0.0
6	139	-185.5	-991.0	-305.9	362.1	-157.7	-54.5
	214	2736.7	186.5	-715.9	-150.5	338.6	0.0
	213	894.2	439.9	-997.7	194.7	112.4	0.0
	138	-1470.6	-323.1	229.5	204.7	135.0	0.0
7	139	-52.3	-755.0	-213.1	218.9	-100.1	-56.3
	214	2850.8	163.2	-447.8	-100.5	382.8	0.0
	213	553.2	259.5	-664.1	114.4	139.2	0.0
	138	-1481.0	-224.0	117.3	124.7	154.8	0.0
8	139	21.8	-630.3	-122.3	122.8	-57.3	-51.9
	214	3089.5	128.9	-235.5	-63.1	438.3	0.0
	213	298.7	112.0	-389.8	52.5	174.6	0.0
	138	-1584.5	-134.2	47.5	63.0	179.8	0.0
9	139	21.6	-653.2	8.4	68.3	-21.6	-33.9
	214	3672.8	57.9	-25.8	-31.3	541.5	0.0
	213	83.6	-44.9	-94.8	-4.7	242.8	0.0
	138	-1909.9	-18.9	23.3	6.3	226.4	0.0
10	139	61.6	-575.5	-3.0	41.7	-15.0	-39.9
	214	3532.1	72.2	-8.3	-25.8	523.8	0.0
	213	45.8	-52.0	-83.3	-11.7	230.4	0.0
	138	-1815.4	-23.7	-3.1	-0.7	218.3	0.0
11	139	-79.5	-809.7	-150.0	217.4	-90.5	-41.5
	214	3243.3	122.9	-374.1	-91.6	449.5	0.0
	213	447.3	199.8	-551.6	96.0	188.0	0.0
	138	-1699.7	-172.6	127.5	106.5	183.0	0.0
12	139	-80.4	-814.4	-149.5	216.6	-90.2	-42.5
	214	3228.9	122.6	-372.9	-91.4	446.0	0.0
	213	462.9	198.9	-549.6	95.6	184.1	0.0
	138	-1696.2	-172.0	127.1	106.2	182.2	0.0
13	139	-79.5	-809.7	-150.0	217.4	-90.5	-41.5
	214	3243.3	122.9	-374.1	-91.6	449.5	0.0

	213	447.3	199.8	-551.6	96.0	188.0	0.0
	138	-1699.7	-172.6	127.5	106.5	183.0	0.0
14	139	-81.0	-817.5	-149.2	216.0	-90.0	-43.2
	214	3219.2	122.5	-372.1	-91.2	443.6	0.0
	213	473.3	198.4	-548.3	95.3	181.5	0.0
	138	-1693.8	-171.6	126.8	105.9	181.6	0.0
15	139	-79.5	-809.7	-150.0	217.4	-90.5	-41.5
	214	3243.3	122.9	-374.1	-91.6	449.5	0.0
	213	447.3	199.8	-551.6	96.0	188.0	0.0
	138	-1699.7	-172.6	127.5	106.5	183.0	0.0
16	139	-81.6	-820.6	-148.9	215.5	-89.8	-43.9
	214	3209.6	122.3	-371.3	-91.0	441.3	0.0
	213	483.7	197.8	-546.9	95.1	178.9	0.0
	138	-1691.4	-171.2	126.6	105.6	181.0	0.0
1	54	-264.3	110.2	-356.2	-132.3	26.0	25.5
	141	1033.8	154.3	-333.7	52.3	122.7	0.0
	140	1896.9	270.6	-166.5	32.4	-173.7	0.0
	88	481.4	-68.7	-5.0	40.7	-3.5	0.0
2	54	-302.7	129.7	-407.7	-151.3	29.6	30.5
	141	1205.5	177.2	-382.0	59.8	144.1	0.0
	140	2179.8	309.7	-191.2	36.9	-198.6	0.0
	88	549.1	-79.3	-5.9	46.5	-3.1	0.0
3	54	-235.7	-81.5	-434.1	-214.5	22.3	10.6
	141	933.4	263.1	-368.2	52.4	113.0	0.0
	140	1626.5	333.8	-218.1	25.8	-144.8	0.0
	88	237.5	-162.6	-99.3	25.1	15.8	0.0
4	54	-219.3	-35.4	-252.9	-70.0	13.1	1.9
	141	880.6	102.1	-252.7	36.7	105.4	0.0
	140	1584.4	192.3	-139.6	30.8	-155.4	0.0
	88	272.8	-41.4	16.9	30.0	10.3	0.0
5	54	-236.0	-32.8	-594.0	-353.6	34.2	30.9
	141	927.7	405.4	-462.8	67.2	113.6	0.0
	140	1565.6	458.3	-273.3	17.2	-119.2	0.0
	88	271.4	-269.5	-208.8	21.6	12.1	0.0
6	54	-219.8	55.0	-549.9	-328.3	35.3	39.8
	141	870.0	366.4	-428.3	64.2	106.6	0.0
	140	1471.2	423.4	-242.2	14.9	-107.9	0.0
	88	335.8	-240.0	-186.5	23.5	3.4	0.0
7	54	-181.7	211.2	-286.9	-130.2	25.9	39.9
	141	741.2	133.2	-253.3	42.3	89.6	0.0
	140	1311.8	217.8	-114.3	18.0	-107.2	0.0
	88	452.1	-64.2	-24.9	31.4	-13.2	0.0
8	54	-165.2	257.3	-105.6	14.4	16.8	31.3
	141	688.5	-27.8	-137.8	26.6	82.0	0.0
	140	1269.6	76.3	-35.8	23.0	-117.9	0.0
	88	487.4	56.9	91.2	36.4	-18.8	0.0
9	54	-181.2	120.8	10.1	128.1	3.7	2.1
	141	751.8	-131.1	-77.7	14.9	88.4	0.0
	140	1425.0	-13.4	-11.7	33.9	-154.8	0.0
	88	389.2	134.4	178.5	38.0	-6.3	0.0
10	54	-165.0	208.6	54.3	153.4	4.8	10.9
	141	694.2	-170.1	-43.2	11.9	81.4	0.0
	140	1330.6	-48.2	19.5	31.6	-143.5	0.0
	88	453.5	163.9	200.8	39.9	-15.0	0.0
11	54	-202.6	85.6	-272.9	-101.3	19.9	19.9
	141	799.3	118.4	-255.7	40.1	95.2	0.0
	140	1456.2	207.3	-127.8	24.8	-133.0	0.0
	88	368.2	-52.8	-3.9	31.2	-2.4	0.0
12	54	-201.8	86.4	-271.8	-100.9	19.7	20.3
	141	803.7	118.1	-254.7	39.9	96.1	0.0
	140	1453.2	206.5	-127.5	24.6	-132.4	0.0
	88	366.1	-52.8	-3.9	31.0	-2.0	0.0
13	54	-202.6	85.6	-272.9	-101.3	19.9	19.9
	141	799.3	118.4	-255.7	40.1	95.2	0.0
	140	1456.2	207.3	-127.8	24.8	-133.0	0.0
	88	368.2	-52.8	-3.9	31.2	-2.4	0.0
14	54	-201.3	87.0	-271.0	-100.5	19.7	20.6
	141	806.6	117.9	-254.0	39.7	96.6	0.0
	140	1451.1	205.9	-127.3	24.5	-132.0	0.0
	88	364.6	-52.8	-4.0	30.9	-1.8	0.0
15	54	-202.6	85.6	-272.9	-101.3	19.9	19.9
	141	799.3	118.4	-255.7	40.1	95.2	0.0
	140	1456.2	207.3	-127.8	24.8	-133.0	0.0

	88	368.2	-52.8	-3.9	31.2	-2.4	0.0
16	54	-200.7	87.6	-270.2	-100.2	19.6	20.8
	141	809.5	117.7	-253.3	39.6	97.2	0.0
	140	1449.1	205.3	-127.0	24.4	-131.5	0.0
	88	363.2	-52.8	-4.0	30.8	-1.6	0.0
1	141	-335.7	-1033.8	-154.3	333.7	-52.3	-122.7
	216	4176.5	65.3	-386.3	-127.0	-110.1	0.0
	215	561.5	222.7	-650.8	121.9	218.6	0.0
	140	-2168.6	-133.7	185.0	124.2	-173.9	0.0
2	141	-381.7	-1205.5	-177.2	382.0	-59.8	-144.1
	216	4769.5	74.7	-443.4	-144.7	-123.3	0.0
	215	694.9	255.6	-745.4	139.4	239.9	0.0
	140	-2487.0	-153.1	212.3	142.0	-194.5	0.0
3	141	-281.4	-1006.9	-155.5	368.2	-52.4	-113.0
	216	3369.2	13.1	-427.4	-106.7	-76.2	0.0
	215	639.9	263.8	-661.1	132.7	146.2	0.0
	140	-1827.1	-114.1	227.7	132.8	-125.1	0.0
4	141	-322.7	-951.0	-62.3	252.7	-36.7	-105.4
	216	3696.7	34.5	-232.9	-104.4	-113.2	0.0
	215	422.4	100.6	-405.3	80.1	200.4	0.0
	140	-1975.0	-61.2	151.2	85.7	-162.2	0.0
5	141	-197.6	-954.5	-270.4	462.8	-67.2	-113.6
	216	2720.1	6.2	-629.3	-102.4	-22.8	0.0
	215	865.0	445.3	-931.9	184.1	68.6	0.0
	140	-1478.4	-185.4	282.9	177.1	-69.7	0.0
6	141	-167.1	-853.7	-275.6	428.3	-64.2	-106.6
	216	2491.2	21.6	-607.8	-96.4	-14.0	0.0
	215	840.3	437.8	-908.3	175.7	56.3	0.0
	140	-1327.4	-193.6	253.7	167.9	-59.2	0.0
7	141	-179.8	-670.8	-173.0	253.3	-42.3	-89.6
	216	2606.2	64.3	-355.8	-86.6	-47.0	0.0
	215	557.9	238.7	-582.3	104.4	105.3	0.0
	140	-1323.8	-141.6	130.5	102.2	-90.2	0.0
8	141	-221.2	-614.9	-79.7	137.8	-26.6	-82.0
	216	2933.7	85.7	-161.2	-84.2	-84.0	0.0
	215	340.4	75.6	-326.6	51.8	159.6	0.0
	140	-1471.6	-88.8	54.0	55.1	-127.2	0.0
9	141	-335.5	-768.2	40.3	77.7	-14.9	-88.4
	216	3811.6	77.2	19.2	-94.6	-146.2	0.0
	215	139.9	-98.5	-79.3	8.8	249.4	0.0
	140	-1971.4	-9.2	27.9	20.0	-193.1	0.0
10	141	-305.0	-667.3	35.1	43.2	-11.9	-81.4
	216	3582.7	92.6	40.7	-88.5	-137.4	0.0
	215	115.3	-106.0	-55.7	0.3	237.2	0.0
	140	-1820.3	-17.4	-1.2	10.8	-182.7	0.0
11	141	-256.4	-799.3	-118.4	255.7	-40.1	-95.2
	216	3196.6	50.0	-296.4	-97.1	-83.5	0.0
	215	447.2	170.9	-498.8	93.4	164.2	0.0
	140	-1663.2	-102.4	141.9	95.1	-131.7	0.0
12	141	-254.5	-803.7	-118.1	254.7	-39.9	-96.1
	216	3179.7	49.8	-295.6	-96.5	-82.2	0.0
	215	463.3	170.4	-496.9	92.9	159.9	0.0
	140	-1658.0	-102.1	141.5	94.7	-129.7	0.0
13	141	-256.4	-799.3	-118.4	255.7	-40.1	-95.2
	216	3196.6	50.0	-296.4	-97.1	-83.5	0.0
	215	447.2	170.9	-498.8	93.4	164.2	0.0
	140	-1663.2	-102.4	141.9	95.1	-131.7	0.0
14	141	-253.2	-806.6	-117.9	254.0	-39.7	-96.6
	216	3168.4	49.6	-295.1	-96.1	-81.4	0.0
	215	474.0	170.1	-495.7	92.7	157.1	0.0
	140	-1654.6	-101.8	141.2	94.4	-128.3	0.0
15	141	-256.4	-799.3	-118.4	255.7	-40.1	-95.2
	216	3196.6	50.0	-296.4	-97.1	-83.5	0.0
	215	447.2	170.9	-498.8	93.4	164.2	0.0
	140	-1663.2	-102.4	141.9	95.1	-131.7	0.0
16	141	-251.9	-809.5	-117.7	253.3	-39.6	-97.2
	216	3157.1	49.5	-294.6	-95.7	-80.5	0.0
	215	484.8	169.8	-494.4	92.4	154.3	0.0
	140	-1651.1	-101.5	141.0	94.1	-126.9	0.0
1	89	24.9	481.4	68.7	5.0	40.7	3.5
	143	1896.9	-270.6	166.5	32.4	173.7	0.0
	142	1033.8	-154.3	333.7	52.3	-122.7	0.0

RELAZIONE DI CALCOLO PONTE

	55	110.2	356.2	132.3	26.0	-25.5	0.0
2	89	27.7	549.1	79.3	5.9	46.5	3.1
	143	2179.8	-309.7	191.2	36.9	198.6	0.0
	142	1205.5	-177.2	382.0	59.8	-144.1	0.0
	55	129.7	407.7	151.3	29.6	-30.5	0.0
3	89	27.1	487.4	-56.9	-91.2	36.4	18.8
	143	1269.6	-76.3	35.8	23.0	117.9	0.0
	142	688.5	27.8	137.8	26.6	-82.0	0.0
	55	257.3	105.6	-14.4	16.8	-31.3	0.0
4	89	22.1	452.1	64.2	24.9	31.4	13.2
	143	1311.8	-217.8	114.3	18.0	107.2	0.0
	142	741.2	-133.2	253.3	42.3	-89.6	0.0
	55	211.2	286.9	130.2	25.9	-39.9	0.0
5	89	28.3	453.5	-163.9	-200.8	39.9	15.0
	143	1330.6	48.2	-19.5	31.6	143.5	0.0
	142	694.2	170.1	43.2	11.9	-81.4	0.0
	55	208.6	-54.3	-153.4	4.8	-10.9	0.0
6	89	24.2	389.2	-134.4	-178.4	38.0	6.3
	143	1425.0	13.4	11.7	33.9	154.8	0.0
	142	751.8	131.1	77.7	14.9	-88.4	0.0
	55	120.8	-10.1	-128.1	3.7	-2.1	0.0
7	89	13.6	272.8	41.4	-16.9	30.0	-10.3
	143	1584.4	-192.3	139.6	30.8	155.4	0.0
	142	880.6	-102.1	252.7	36.7	-105.4	0.0
	55	-35.4	252.9	70.0	13.1	-1.9	0.0
8	89	8.6	237.5	162.6	99.3	25.1	-15.8
	143	1626.5	-333.8	218.1	25.8	144.8	0.0
	142	933.4	-263.1	368.2	52.4	-113.0	0.0
	55	-81.5	434.1	214.5	22.3	-10.6	0.0
9	89	11.5	335.8	240.0	186.5	23.5	-3.4
	143	1471.2	-423.4	242.2	14.9	107.9	0.0
	142	870.0	-366.4	428.3	64.1	-106.6	0.0
	55	55.0	549.9	328.3	35.3	-39.8	0.0
10	89	7.5	271.4	269.5	208.8	21.6	-12.1
	143	1565.6	-458.2	273.3	17.2	119.2	0.0
	142	927.7	-405.4	462.8	67.2	-113.6	0.0
	55	-32.8	594.0	353.6	34.2	-30.9	0.0
11	89	18.8	368.2	52.8	3.9	31.2	2.4
	143	1456.2	-207.3	127.8	24.8	133.0	0.0
	142	799.3	-118.4	255.7	40.1	-95.2	0.0
	55	85.6	272.9	101.3	19.9	-19.9	0.0
12	89	18.5	366.1	52.8	3.9	31.0	2.0
	143	1453.2	-206.5	127.5	24.6	132.4	0.0
	142	803.7	-118.1	254.7	39.9	-96.1	0.0
	55	86.4	271.8	100.9	19.7	-20.3	0.0
13	89	18.8	368.2	52.8	3.9	31.2	2.4
	143	1456.2	-207.3	127.8	24.8	133.0	0.0
	142	799.3	-118.4	255.7	40.1	-95.2	0.0
	55	85.6	272.9	101.3	19.9	-19.9	0.0
14	89	18.2	364.6	52.8	4.0	30.9	1.8
	143	1451.1	-205.9	127.3	24.5	132.0	0.0
	142	806.6	-117.9	254.0	39.7	-96.6	0.0
	55	87.0	271.0	100.5	19.7	-20.6	0.0
15	89	18.8	368.2	52.8	3.9	31.2	2.4
	143	1456.2	-207.3	127.8	24.8	133.0	0.0
	142	799.3	-118.4	255.7	40.1	-95.2	0.0
	55	85.6	272.9	101.3	19.9	-19.9	0.0
16	89	18.0	363.2	52.8	4.0	30.8	1.6
	143	1449.1	-205.3	127.0	24.4	131.5	0.0
	142	809.5	-117.7	253.3	39.6	-97.2	0.0
	55	87.6	270.2	100.2	19.6	-20.8	0.0
1	143	-1429.7	-2168.6	133.7	-185.0	124.2	173.9
	496	561.5	-222.7	650.8	121.9	-218.6	0.0
	495	4176.5	-65.3	386.3	-127.0	110.1	0.0
	142	-1033.8	154.3	-333.7	-52.3	122.7	0.0
2	143	-1620.9	-2487.0	153.1	-212.3	142.0	194.5
	496	694.9	-255.6	745.4	139.4	-239.9	0.0
	495	4769.5	-74.7	443.4	-144.7	123.3	0.0
	142	-1205.5	177.2	-382.0	-59.8	144.1	0.0
3	143	-1009.7	-1471.6	88.8	-54.0	55.1	127.2
	496	340.4	-75.6	326.6	51.8	-159.6	0.0
	495	2933.7	-85.7	161.2	-84.2	84.0	0.0
	142	-614.9	79.7	-137.8	-26.6	82.0	0.0

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

RELAZIONE DI CALCOLO PONTE

4	143	-813.6	-1323.8	141.6	-130.5	102.2	90.2
	496	557.9	-238.7	582.3	104.4	-105.3	0.0
	495	2606.2	-64.3	355.8	-86.6	47.0	0.0
	142	-670.8	173.0	-253.3	-42.3	89.6	0.0
5	143	-1345.3	-1820.3	17.4	1.2	10.8	182.7
	496	115.3	106.0	55.7	0.3	-237.2	0.0
	495	3582.7	-92.6	-40.7	-88.5	137.4	0.0
	142	-667.3	-35.1	-43.2	-11.9	81.4	0.0
6	143	-1436.8	-1971.4	9.2	-27.9	20.0	193.1
	496	139.9	98.5	79.3	8.8	-249.4	0.0
	495	3811.6	-77.2	-19.2	-94.6	146.2	0.0
	142	-768.2	-40.3	-77.7	-14.9	88.4	0.0
7	143	-1314.8	-1975.0	61.2	-151.2	85.7	162.2
	496	422.4	-100.6	405.3	80.1	-200.4	0.0
	495	3696.7	-34.5	232.9	-104.4	113.2	0.0
	142	-951.0	62.3	-252.7	-36.7	105.4	0.0
8	143	-1118.7	-1827.1	114.1	-227.7	132.8	125.1
	496	639.9	-263.8	661.1	132.7	-146.2	0.0
	495	3369.2	-13.1	427.4	-106.7	76.2	0.0
	142	-1006.9	155.6	-368.2	-52.4	113.0	0.0
9	143	-691.6	-1327.4	193.6	-253.7	167.9	59.2
	496	840.3	-437.8	908.3	175.7	-56.3	0.0
	495	2491.2	-21.6	607.8	-96.4	14.0	0.0
	142	-853.7	275.6	-428.3	-64.1	106.6	0.0
10	143	-783.1	-1478.4	185.4	-282.9	177.1	69.7
	496	865.0	-445.3	931.9	184.1	-68.6	0.0
	495	2720.1	-6.2	629.3	-102.4	22.8	0.0
	142	-954.5	270.4	-462.8	-67.2	113.6	0.0
11	143	-1090.5	-1663.2	102.4	-141.9	95.1	131.7
	496	447.2	-170.9	498.8	93.4	-164.2	0.0
	495	3196.6	-50.0	296.4	-97.1	83.5	0.0
	142	-799.3	118.4	-255.7	-40.1	95.2	0.0
12	143	-1080.6	-1658.0	102.1	-141.5	94.7	129.7
	496	463.3	-170.4	496.9	92.9	-159.9	0.0
	495	3179.7	-49.8	295.6	-96.5	82.2	0.0
	142	-803.7	118.1	-254.7	-39.9	96.1	0.0
13	143	-1090.5	-1663.2	102.4	-141.9	95.1	131.7
	496	447.2	-170.9	498.8	93.4	-164.2	0.0
	495	3196.6	-50.0	296.4	-97.1	83.5	0.0
	142	-799.3	118.4	-255.7	-40.1	95.2	0.0
14	143	-1074.1	-1654.6	101.8	-141.2	94.4	128.3
	496	474.0	-170.1	495.7	92.7	-157.1	0.0
	495	3168.4	-49.6	295.1	-96.1	81.4	0.0
	142	-806.6	117.9	-254.0	-39.7	96.6	0.0
15	143	-1090.5	-1663.2	102.4	-141.9	95.1	131.7
	496	447.2	-170.9	498.8	93.4	-164.2	0.0
	495	3196.6	-50.0	296.4	-97.1	83.5	0.0
	142	-799.3	118.4	-255.7	-40.1	95.2	0.0
16	143	-1067.5	-1651.1	101.5	-141.0	94.1	126.9
	496	484.8	-169.8	494.4	92.4	-154.3	0.0
	495	3157.1	-49.5	294.6	-95.7	80.5	0.0
	142	-809.5	117.7	-253.3	-39.6	97.2	0.0
1	56	-145.2	-252.0	244.8	83.9	11.9	-84.4
	144	842.7	-185.5	259.0	7.5	-63.9	0.0
	143	2399.0	-143.6	157.0	-34.5	-389.6	0.0
	89	532.4	84.3	-6.2	-29.3	-158.3	0.0
2	56	-166.2	-280.0	280.3	96.0	13.6	-94.9
	144	993.2	-212.9	296.7	8.6	-68.8	0.0
	143	2747.2	-164.5	180.3	-39.3	-444.0	0.0
	89	603.7	97.1	-6.9	-33.5	-179.9	0.0
3	56	-83.8	-74.9	50.1	-42.3	19.5	-53.6
	144	547.9	-33.4	90.5	5.8	-46.9	0.0
	143	1705.7	10.3	53.4	-22.8	-284.3	0.0
	89	526.9	-26.1	-71.7	-11.5	-121.7	0.0
4	56	-51.5	18.9	213.3	103.5	8.8	-45.8
	144	730.3	-181.5	197.1	-0.4	-22.9	0.0
	143	1545.7	-119.5	117.0	-17.1	-255.3	0.0
	89	410.0	88.6	30.3	-14.6	-112.6	0.0
5	56	-151.2	-291.1	-102.4	-189.3	28.4	-71.2
	144	359.5	115.6	3.2	15.2	-80.6	0.0
	143	2028.1	123.7	3.4	-33.5	-334.3	0.0
	89	612.9	-136.5	-179.3	-14.2	-133.1	0.0
6	56	-176.6	-382.7	-70.1	-169.5	25.4	-78.5

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

	144	380.5	95.4	34.9	17.0	-85.5	0.0
	143	2144.4	91.0	24.0	-37.1	-348.1	0.0
	89	569.6	-116.5	-169.6	-19.6	-133.8	0.0
7	56	-168.7	-380.0	157.9	23.6	9.4	-77.9
	144	617.7	-101.1	196.2	11.8	-63.1	0.0
	143	2093.4	-98.4	122.3	-34.7	-330.4	0.0
	89	382.8	40.7	-39.3	-29.6	-124.0	0.0
8	56	-136.4	-286.2	321.0	169.4	-1.3	-70.1
	144	800.1	-249.1	302.8	5.6	-39.1	0.0
	143	1933.4	-228.2	185.9	-29.0	-301.4	0.0
	89	265.8	155.4	62.6	-32.8	-115.0	0.0
9	56	-43.6	21.6	441.3	296.6	-7.2	-45.2
	144	967.5	-377.9	358.4	-5.5	-0.6	0.0
	143	1494.7	-309.0	215.3	-14.7	-237.6	0.0
	89	223.1	245.8	160.6	-24.6	-102.9	0.0
10	56	-69.1	-69.9	473.6	316.4	-10.2	-52.5
	144	988.5	-398.2	390.1	-3.7	-5.4	0.0
	143	1611.0	-341.6	236.0	-18.2	-251.4	0.0
	89	179.9	265.8	170.3	-30.1	-103.6	0.0
11	56	-111.3	-190.4	187.6	64.3	9.1	-64.1
	144	655.0	-142.3	198.5	5.7	-47.5	0.0
	143	1838.6	-110.1	120.5	-26.4	-297.9	0.0
	89	406.1	64.8	-4.7	-22.5	-120.9	0.0
12	56	-110.8	-186.7	186.9	64.0	9.1	-63.3
	144	662.1	-141.9	197.8	5.7	-45.8	0.0
	143	1831.5	-109.7	120.2	-26.2	-296.0	0.0
	89	402.5	64.7	-4.6	-22.3	-119.9	0.0
13	56	-111.3	-190.4	187.6	64.3	9.1	-64.1
	144	655.0	-142.3	198.5	5.7	-47.5	0.0
	143	1838.6	-110.1	120.5	-26.4	-297.9	0.0
	89	406.1	64.8	-4.7	-22.5	-120.9	0.0
14	56	-110.5	-184.2	186.4	63.8	9.1	-62.7
	144	666.9	-141.7	197.3	5.7	-44.7	0.0
	143	1826.7	-109.4	120.0	-26.1	-294.7	0.0
	89	400.0	64.7	-4.6	-22.3	-119.3	0.0
15	56	-111.3	-190.4	187.6	64.3	9.1	-64.1
	144	655.0	-142.3	198.5	5.7	-47.5	0.0
	143	1838.6	-110.1	120.5	-26.4	-297.9	0.0
	89	406.1	64.8	-4.7	-22.5	-120.9	0.0
16	56	-110.3	-181.8	185.8	63.6	9.1	-62.1
	144	671.6	-141.4	196.9	5.7	-43.6	0.0
	143	1821.9	-109.1	119.8	-26.0	-293.5	0.0
	89	397.6	64.7	-4.5	-22.2	-118.6	0.0
1	144	-214.5	-807.4	164.7	-265.0	119.2	-78.3
	497	4470.5	-188.1	510.9	135.0	547.6	0.0
	496	-0.1	-257.2	694.1	-114.6	234.1	0.0
	143	-2127.4	280.6	-138.5	-122.0	42.0	0.0
2	144	-248.5	-954.8	188.6	-303.7	136.5	-92.8
	497	5102.9	-215.1	585.6	154.4	622.4	0.0
	496	63.7	-294.7	794.9	-131.4	258.0	0.0
	143	-2439.9	321.1	-159.2	-139.7	50.9	0.0
3	144	-117.1	-532.0	95.2	-96.2	55.4	-70.4
	497	3162.4	-110.2	268.7	70.6	406.3	0.0
	496	-8.2	-144.5	338.4	-48.4	156.1	0.0
	143	-1364.4	174.8	-35.8	-55.4	42.2	0.0
4	144	-132.1	-612.3	172.9	-207.3	97.7	-67.3
	497	2889.6	-151.7	466.0	105.0	355.6	0.0
	496	287.3	-266.2	607.1	-105.0	103.1	0.0
	143	-1434.7	259.8	-101.3	-103.3	60.7	0.0
5	144	-128.6	-492.7	-1.8	-1.2	15.7	-70.1
	497	3721.6	-69.6	53.2	40.4	485.4	0.0
	496	-395.3	4.5	62.5	10.4	242.6	0.0
	143	-1435.4	72.4	14.5	-8.7	9.3	0.0
6	144	-153.6	-539.3	-7.3	-30.9	24.0	-66.8
	497	3928.3	-76.4	65.7	49.1	502.5	0.0
	496	-431.7	10.6	94.8	4.1	263.9	0.0
	143	-1566.7	69.6	-7.8	-16.5	-0.4	0.0
7	144	-200.3	-687.3	77.0	-195.3	83.1	-59.2
	497	3851.1	-132.8	310.3	99.3	463.4	0.0
	496	-129.5	-124.3	445.9	-69.3	227.0	0.0
	143	-1801.8	165.4	-110.2	-81.6	9.9	0.0
8	144	-215.4	-767.5	154.7	-306.5	125.4	-56.2
	497	3578.3	-174.4	507.6	133.8	412.7	0.0

	496	166.0	-246.0	714.6	-125.9	174.1	0.0
	143	-1872.1	250.3	-175.7	-129.5	28.5	0.0
9	144	-178.8	-760.2	257.2	-371.7	156.8	-59.8
	497	2812.4	-208.1	710.6	155.3	316.5	0.0
	496	589.5	-401.1	958.2	-178.3	66.2	0.0
	143	-1669.8	355.6	-203.7	-168.4	71.1	0.0
10	144	-203.8	-806.8	251.7	-401.4	165.1	-56.5
	497	3019.0	-214.9	723.1	163.9	333.6	0.0
	496	553.1	-395.0	990.5	-184.6	87.5	0.0
	143	-1801.0	352.7	-226.1	-176.2	61.4	0.0
11	144	-165.3	-628.6	126.2	-203.2	91.4	-61.1
	497	3420.9	-144.1	391.7	103.4	418.2	0.0
	496	20.7	-197.1	532.0	-87.9	176.1	0.0
	143	-1631.7	215.0	-106.3	-93.5	33.1	0.0
12	144	-165.7	-636.6	125.7	-202.5	91.0	-61.9
	497	3401.9	-143.4	390.4	102.9	414.9	0.0
	496	42.5	-196.4	529.9	-87.6	172.0	0.0
	143	-1626.6	214.1	-106.1	-93.1	33.9	0.0
13	144	-165.3	-628.6	126.2	-203.2	91.4	-61.1
	497	3420.9	-144.1	391.7	103.4	418.2	0.0
	496	20.7	-197.1	532.0	-87.9	176.1	0.0
	143	-1631.7	215.0	-106.3	-93.5	33.1	0.0
14	144	-165.9	-641.8	125.4	-202.0	90.8	-62.5
	497	3389.3	-142.9	389.5	102.6	412.8	0.0
	496	57.1	-196.0	528.6	-87.4	169.2	0.0
	143	-1623.3	213.5	-106.0	-92.8	34.5	0.0
15	144	-165.3	-628.6	126.2	-203.2	91.4	-61.1
	497	3420.9	-144.1	391.7	103.4	418.2	0.0
	496	20.7	-197.1	532.0	-87.9	176.1	0.0
	143	-1631.7	215.0	-106.3	-93.5	33.1	0.0
16	144	-166.1	-647.1	125.1	-201.5	90.5	-63.0
	497	3376.7	-142.5	388.6	102.3	410.6	0.0
	496	71.6	-195.5	527.2	-87.2	166.4	0.0
	143	-1619.9	212.9	-105.8	-92.6	35.1	0.0
1	90	-308.8	453.9	111.5	26.4	44.5	188.2
	145	2132.1	-219.4	160.1	45.2	230.6	0.0
	144	1011.5	-174.8	289.7	-8.6	89.6	0.0
	56	-75.4	282.7	115.2	-0.1	-8.7	0.0
2	90	-354.5	515.4	127.8	30.3	51.0	213.7
	145	2447.7	-251.6	183.5	51.8	263.1	0.0
	144	1183.2	-200.1	331.9	-9.8	97.8	0.0
	56	-82.2	323.9	131.8	-0.1	-11.4	0.0
3	90	-211.9	430.8	-21.3	-70.9	40.7	143.0
	145	1492.6	-68.5	42.3	28.9	166.3	0.0
	144	710.4	1.7	128.0	-4.4	62.8	0.0
	56	74.2	90.0	-1.2	5.0	-13.0	0.0
4	90	-173.6	405.9	102.3	59.4	37.1	117.6
	145	1550.5	-206.2	108.0	31.6	146.2	0.0
	144	748.9	-151.4	228.8	2.1	32.6	0.0
	56	5.2	257.1	139.8	11.9	-29.9	0.0
5	90	-286.3	404.3	-134.6	-205.0	41.2	179.9
	145	1497.2	71.4	-1.6	28.6	202.0	0.0
	144	713.3	140.0	39.6	-15.7	108.1	0.0
	56	90.4	-76.2	-153.3	-9.0	15.9	0.0
6	90	-311.8	356.5	-108.0	-189.5	38.2	186.0
	145	1559.1	53.7	26.3	31.0	212.5	0.0
	144	754.3	105.5	64.5	-18.9	116.7	0.0
	56	35.4	-51.6	-142.5	-14.1	23.7	0.0
7	90	-296.9	271.7	67.2	-19.3	30.5	163.5
	145	1698.9	-127.6	135.5	37.0	201.2	0.0
	144	846.9	-113.4	211.0	-14.9	91.5	0.0
	56	-109.3	172.0	34.7	-12.1	13.2	0.0
8	90	-258.6	246.8	190.8	111.1	26.9	138.0
	145	1756.9	-265.2	201.1	39.7	181.0	0.0
	144	885.4	-266.5	311.8	-8.4	61.4	0.0
	56	-178.2	339.1	175.7	-5.1	-3.7	0.0
9	90	-158.7	321.1	277.5	229.6	29.4	95.0
	145	1690.3	-387.4	217.1	37.6	134.9	0.0
	144	841.5	-370.3	375.3	6.0	7.5	0.0
	56	-139.5	480.7	317.0	14.0	-40.4	0.0
10	90	-184.2	273.4	304.0	245.1	26.3	101.1
	145	1752.2	-405.1	245.1	40.0	145.3	0.0
	144	882.5	-404.8	400.2	2.9	16.1	0.0

	56	-194.5	505.3	327.8	8.9	-32.6	0.0
11	90	-237.0	346.4	85.5	20.3	34.1	143.7
	145	1636.1	-168.3	122.7	34.6	176.4	0.0
	144	783.3	-133.9	222.1	-6.6	67.1	0.0
	56	-56.4	216.7	88.3	-0.1	-7.1	0.0
12	90	-236.3	343.6	85.2	20.2	34.0	142.5
	145	1631.8	-167.8	122.4	34.5	175.4	0.0
	144	788.8	-133.4	221.2	-6.5	65.2	0.0
	56	-54.8	215.9	87.9	-0.1	-7.6	0.0
13	90	-237.0	346.4	85.5	20.3	34.1	143.7
	145	1636.1	-168.3	122.7	34.6	176.4	0.0
	144	783.3	-133.9	222.1	-6.6	67.1	0.0
	56	-56.4	216.7	88.3	-0.1	-7.1	0.0
14	90	-235.9	341.7	85.0	20.1	33.9	141.7
	145	1629.0	-167.4	122.1	34.4	174.7	0.0
	144	792.4	-133.0	220.7	-6.5	64.0	0.0
	56	-53.7	215.4	87.6	-0.1	-7.9	0.0
15	90	-237.0	346.4	85.5	20.3	34.1	143.7
	145	1636.1	-168.3	122.7	34.6	176.4	0.0
	144	783.3	-133.9	222.1	-6.6	67.1	0.0
	56	-56.4	216.7	88.3	-0.1	-7.1	0.0
16	90	-235.5	339.8	84.8	20.1	33.8	140.9
	145	1626.1	-167.0	121.8	34.3	174.0	0.0
	144	796.1	-132.6	220.2	-6.4	62.7	0.0
	56	-52.6	214.8	87.4	-0.1	-8.2	0.0
1	145	-541.2	-2214.0	225.2	-166.2	139.0	-239.0
	498	562.3	-260.8	719.5	125.2	-249.2	0.0
	497	4234.2	-160.0	487.8	-119.4	-588.8	0.0
	144	-1046.9	195.6	-283.6	-118.1	52.7	0.0
2	145	-619.0	-2544.3	258.0	-190.6	159.2	-273.2
	498	694.4	-298.4	824.4	143.4	-276.2	0.0
	497	4843.3	-184.0	559.3	-137.0	-669.0	0.0
	144	-1221.5	224.3	-324.9	-135.3	63.8	0.0
3	145	-339.9	-1584.5	134.2	-47.5	63.0	-179.8
	498	298.7	-112.0	389.8	52.5	-174.6	0.0
	497	3089.5	-128.9	235.5	-63.1	-438.3	0.0
	144	-630.3	122.3	-122.8	-57.3	51.9	0.0
4	145	-361.8	-1481.1	224.0	-117.3	124.7	-154.8
	498	553.2	-259.5	664.1	114.4	-139.2	0.0
	497	2850.8	-163.2	447.8	-100.5	-382.8	0.0
	144	-755.0	213.1	-218.9	-100.1	56.3	0.0
5	145	-355.5	-1815.4	23.7	3.1	-0.7	-218.3
	498	45.8	52.0	83.3	-11.7	-230.4	0.0
	497	3532.1	-72.2	8.3	-25.8	-523.8	0.0
	144	-575.5	3.0	-41.7	-15.0	39.9	0.0
6	145	-390.7	-1909.9	18.9	-23.3	6.3	-226.4
	498	83.6	44.9	94.8	-4.7	-242.8	0.0
	497	3672.8	-57.9	25.8	-31.3	-541.5	0.0
	144	-653.2	-8.4	-68.3	-21.6	33.9	0.0
7	145	-457.4	-1899.5	117.9	-135.6	86.3	-206.7
	498	424.6	-135.4	428.4	75.6	-216.0	0.0
	497	3558.6	-81.3	294.0	-81.4	-497.4	0.0
	144	-889.3	84.4	-211.5	-79.2	32.1	0.0
8	145	-479.3	-1796.0	207.7	-205.4	148.0	-181.7
	498	679.1	-283.0	702.8	137.5	-180.6	0.0
	497	3320.0	-115.6	506.3	-118.8	-441.9	0.0
	144	-1013.9	175.2	-307.6	-122.0	36.5	0.0
9	145	-428.4	-1470.6	323.1	-229.5	204.7	-135.0
	498	894.2	-439.9	997.7	194.7	-112.4	0.0
	497	2736.7	-186.5	715.9	-150.5	-338.6	0.0
	144	-991.0	305.9	-362.1	-157.7	54.5	0.0
10	145	-463.7	-1565.1	318.2	-256.0	211.7	-143.1
	498	931.9	-447.0	1009.3	201.6	-124.8	0.0
	497	2877.4	-172.2	733.5	-156.0	-356.4	0.0
	144	-1068.7	294.5	-388.7	-164.3	48.6	0.0
11	145	-414.5	-1699.7	172.6	-127.5	106.5	-183.0
	498	447.3	-199.8	551.6	96.0	-188.0	0.0
	497	3243.3	-122.9	374.1	-91.6	-449.5	0.0
	144	-809.7	150.0	-217.4	-90.5	41.5	0.0
12	145	-412.7	-1696.2	172.0	-127.1	106.2	-182.2
	498	462.9	-198.9	549.6	95.6	-184.1	0.0
	497	3228.9	-122.6	372.9	-91.4	-446.0	0.0
	144	-814.4	149.6	-216.6	-90.2	42.5	0.0

13	145	-414.5	-1699.7	172.6	-127.5	106.5	-183.0
	498	447.3	-199.8	551.6	96.0	-188.0	0.0
	497	3243.3	-122.9	374.1	-91.6	-449.5	0.0
	144	-809.7	150.0	-217.4	-90.5	41.5	0.0
14	145	-411.4	-1693.8	171.6	-126.8	105.9	-181.6
	498	473.3	-198.4	548.3	95.3	-181.5	0.0
	497	3219.2	-122.5	372.1	-91.2	-443.6	0.0
	144	-817.5	149.2	-216.0	-90.0	43.2	0.0
15	145	-414.5	-1699.7	172.6	-127.5	106.5	-183.0
	498	447.3	-199.8	551.6	96.0	-188.0	0.0
	497	3243.3	-122.9	374.1	-91.6	-449.5	0.0
	144	-809.7	150.0	-217.4	-90.5	41.5	0.0
16	145	-410.2	-1691.4	171.2	-126.6	105.6	-181.0
	498	483.7	-197.8	546.9	95.1	-178.9	0.0
	497	3209.6	-122.3	371.3	-91.0	-441.3	0.0
	144	-820.6	148.9	-215.5	-89.8	43.9	0.0
1	57	-382.3	-157.2	312.0	148.3	1.2	13.8
	146	937.4	-212.9	289.2	0.7	-51.7	0.0
	145	2235.4	-229.7	179.1	-40.8	-249.8	0.0
	90	506.6	130.5	47.2	-35.5	-155.8	0.0
2	57	-439.1	-176.0	357.3	169.7	1.5	17.4
	146	1098.2	-244.2	331.3	0.9	-55.7	0.0
	145	2566.3	-263.0	205.5	-46.6	-284.9	0.0
	90	575.5	149.9	54.2	-40.6	-177.5	0.0
3	57	-257.5	-39.0	98.5	-2.7	16.3	9.2
	146	623.6	-64.2	121.6	2.1	-37.2	0.0
	145	1628.6	-42.8	76.2	-24.0	-186.4	0.0
	90	487.3	12.7	-31.8	-13.8	-119.2	0.0
4	57	-233.4	7.4	292.0	185.1	-1.9	6.1
	146	808.5	-213.5	227.3	-6.4	-26.8	0.0
	145	1534.1	-208.8	132.9	-26.3	-171.7	0.0
	90	351.7	134.3	92.4	-20.0	-123.4	0.0
5	57	-317.9	-162.2	-98.4	-207.1	33.2	16.2
	146	425.7	93.7	29.8	14.0	-51.3	0.0
	145	1824.3	116.9	32.4	-25.4	-209.8	0.0
	90	616.8	-111.0	-172.7	-13.4	-111.4	0.0
6	57	-345.6	-221.3	-73.5	-194.4	29.5	19.0
	146	441.0	79.8	56.8	15.7	-53.0	0.0
	145	1897.6	87.9	51.4	-28.8	-215.3	0.0
	90	592.2	-95.4	-169.2	-19.4	-108.9	0.0
7	57	-349.7	-236.0	181.2	39.6	4.0	18.7
	146	674.6	-110.5	211.7	7.7	-42.9	0.0
	145	1872.9	-139.5	139.8	-35.4	-204.5	0.0
	90	405.4	64.8	-20.3	-33.6	-110.7	0.0
8	57	-325.6	-189.5	374.8	227.5	-14.2	15.6
	146	859.5	-259.7	317.4	-0.8	-32.5	0.0
	145	1778.4	-305.5	196.5	-37.7	-189.8	0.0
	90	269.9	186.4	103.8	-39.9	-114.9	0.0
9	57	-237.5	-7.3	546.8	419.2	-27.4	5.8
	146	1042.1	-403.8	382.1	-14.4	-16.7	0.0
	145	1509.4	-436.3	221.2	-32.9	-160.9	0.0
	90	164.9	294.4	241.3	-34.3	-125.2	0.0
10	57	-265.2	-66.3	571.6	431.9	-31.1	8.6
	146	1057.4	-417.6	409.1	-12.7	-18.4	0.0
	145	1582.7	-465.3	240.3	-36.3	-166.3	0.0
	90	140.4	310.0	244.7	-40.3	-122.7	0.0
11	57	-293.4	-119.2	239.1	113.6	1.0	11.1
	146	726.5	-163.3	221.7	0.6	-38.5	0.0
	145	1715.3	-176.0	137.4	-31.2	-191.1	0.0
	90	386.8	100.2	36.3	-27.2	-119.1	0.0
12	57	-292.7	-117.3	238.2	113.2	1.0	11.6
	146	732.1	-162.8	220.8	0.6	-37.1	0.0
	145	1710.9	-175.3	137.0	-31.1	-189.9	0.0
	90	383.7	99.9	36.2	-27.1	-118.3	0.0
13	57	-293.4	-119.2	239.1	113.6	1.0	11.1
	146	726.5	-163.3	221.7	0.6	-38.5	0.0
	145	1715.3	-176.0	137.4	-31.2	-191.1	0.0
	90	386.8	100.2	36.3	-27.2	-119.1	0.0
14	57	-292.2	-116.1	237.6	112.8	1.0	11.9
	146	735.9	-162.5	220.3	0.6	-36.2	0.0
	145	1707.9	-174.9	136.7	-31.0	-189.2	0.0
	90	381.6	99.8	36.1	-27.0	-117.8	0.0
15	57	-293.4	-119.2	239.1	113.6	1.0	11.1

	146	726.5	-163.3	221.7	0.6	-38.5	0.0
	145	1715.3	-176.0	137.4	-31.2	-191.1	0.0
	90	386.8	100.2	36.3	-27.2	-119.1	0.0
16	57	-291.8	-114.9	236.9	112.5	1.0	12.2
	146	739.7	-162.1	219.7	0.6	-35.3	0.0
	145	1705.0	-174.4	136.5	-30.9	-188.4	0.0
	90	379.6	99.6	36.0	-26.9	-117.3	0.0
1	146	-274.2	-1270.3	198.8	-296.3	113.4	6.9
	499	4255.2	-146.9	521.2	122.2	645.5	0.0
	498	704.3	-275.7	708.8	-131.1	295.2	0.0
	145	-2153.5	223.9	-173.0	-143.4	258.1	0.0
2	146	-320.0	-1483.5	227.9	-339.4	130.0	4.2
	499	4860.9	-168.3	597.8	140.0	733.2	0.0
	498	864.3	-316.2	812.1	-150.3	328.2	0.0
	145	-2469.8	256.6	-198.4	-164.4	295.1	0.0
3	146	-145.6	-886.6	88.6	-126.5	54.1	-20.5
	499	3070.6	-70.4	283.5	65.0	486.5	0.0
	498	550.4	-158.2	358.9	-59.0	197.6	0.0
	145	-1456.3	145.4	-72.0	-68.5	223.8	0.0
4	146	-197.6	-945.6	194.9	-238.2	101.7	-13.5
	499	2917.5	-124.3	492.0	103.4	423.1	0.0
	498	761.4	-293.8	650.1	-123.2	151.1	0.0
	145	-1518.0	228.1	-124.4	-130.4	203.5	0.0
5	146	-115.7	-875.9	-28.9	-25.9	4.4	-16.3
	499	3402.4	-17.4	46.3	26.3	579.6	0.0
	498	269.0	11.4	42.7	9.8	278.0	0.0
	145	-1489.9	37.3	-34.3	-2.8	234.4	0.0
6	146	-142.0	-925.7	-23.3	-51.4	9.4	-5.7
	499	3533.6	-25.9	51.5	31.4	596.0	0.0
	498	238.8	21.2	62.9	4.7	300.4	0.0
	145	-1580.4	27.3	-54.4	-8.5	223.2	0.0
7	146	-233.3	-1052.7	107.2	-211.6	70.7	14.7
	499	3508.0	-98.7	300.9	82.2	541.3	0.0
	498	449.8	-125.5	426.2	-76.2	272.3	0.0
	145	-1757.9	112.1	-138.9	-87.4	186.7	0.0
8	146	-285.3	-1111.7	213.5	-323.4	118.2	21.7
	499	3354.8	-152.6	509.5	120.5	477.9	0.0
	498	660.9	-261.1	717.4	-140.4	225.8	0.0
	145	-1819.6	194.7	-191.3	-149.4	166.5	0.0
9	146	-288.9	-1072.6	325.4	-398.4	163.0	7.0
	499	2891.8	-197.1	741.4	154.1	368.4	0.0
	498	972.4	-440.5	1013.4	-204.0	123.0	0.0
	145	-1695.5	312.8	-208.9	-209.4	167.0	0.0
10	146	-315.2	-1122.4	331.0	-424.0	167.9	17.5
	499	3023.0	-205.6	746.7	159.2	384.8	0.0
	498	942.3	-430.7	1033.6	-209.2	145.4	0.0
	145	-1786.0	302.8	-228.9	-215.1	155.9	0.0
11	146	-212.1	-982.9	152.4	-227.1	86.9	4.1
	499	3257.3	-112.6	399.8	93.7	492.8	0.0
	498	558.5	-211.5	543.4	-100.5	223.0	0.0
	145	-1651.7	171.7	-132.7	-110.0	197.7	0.0
12	146	-213.3	-989.0	151.9	-226.3	86.7	2.8
	499	3240.6	-112.2	398.5	93.3	488.8	0.0
	498	576.2	-210.8	541.4	-100.2	218.8	0.0
	145	-1646.5	171.1	-132.3	-109.6	196.7	0.0
13	146	-212.1	-982.9	152.4	-227.1	86.9	4.1
	499	3257.3	-112.6	399.8	93.7	492.8	0.0
	498	558.5	-211.5	543.4	-100.5	223.0	0.0
	145	-1651.7	171.7	-132.7	-110.0	197.7	0.0
14	146	-214.2	-993.1	151.6	-225.7	86.5	1.9
	499	3229.5	-111.9	397.7	93.1	486.2	0.0
	498	588.0	-210.3	540.1	-100.0	215.9	0.0
	145	-1643.1	170.7	-132.0	-109.3	196.1	0.0
15	146	-212.1	-982.9	152.4	-227.1	86.9	4.1
	499	3257.3	-112.6	399.8	93.7	492.8	0.0
	498	558.5	-211.5	543.4	-100.5	223.0	0.0
	145	-1651.7	171.7	-132.7	-110.0	197.7	0.0
16	146	-215.0	-997.1	151.2	-225.2	86.3	1.1
	499	3218.3	-111.6	396.9	92.9	483.5	0.0
	498	599.7	-209.9	538.8	-99.8	213.1	0.0
	145	-1639.7	170.3	-131.8	-109.1	195.4	0.0
1	91	-376.3	273.3	128.1	72.0	37.8	191.8

	147	2047.8	-254.4	160.7	45.6	234.0	0.0
	146	1202.6	-198.0	292.6	6.3	66.5	0.0
	57	-1.4	324.4	153.3	5.1	-2.6	0.0
2	91	-435.6	306.6	147.0	82.7	43.4	219.0
	147	2349.1	-291.8	184.3	52.2	266.5	0.0
	146	1404.3	-226.9	335.3	7.2	72.5	0.0
	57	4.0	371.7	175.7	5.8	-4.6	0.0
3	91	-255.3	288.8	-7.4	-50.6	41.7	142.4
	147	1471.6	-95.6	55.3	30.1	172.8	0.0
	146	854.7	-16.8	145.8	3.9	44.6	0.0
	57	92.9	126.4	36.0	9.4	-6.2	0.0
4	91	-274.6	236.1	142.8	133.8	28.0	132.9
	147	1544.6	-245.1	114.9	31.9	150.2	0.0
	146	920.1	-202.9	234.0	13.0	30.5	0.0
	57	10.4	311.7	209.3	15.5	-26.0	0.0
5	91	-251.1	306.3	-161.6	-256.3	53.3	158.4
	147	1421.7	62.6	11.7	30.6	209.0	0.0
	146	819.1	171.9	65.5	-9.4	66.9	0.0
	57	157.1	-70.7	-170.5	-3.7	25.4	0.0
6	91	-266.8	268.5	-143.7	-248.4	49.7	162.6
	147	1451.8	48.7	34.0	32.8	217.5	0.0
	146	854.1	147.6	84.9	-11.6	71.9	0.0
	57	129.7	-54.4	-174.2	-8.9	32.7	0.0
7	91	-307.8	162.9	52.4	-24.0	29.5	156.5
	147	1572.0	-142.0	129.6	37.4	201.1	0.0
	146	971.2	-97.8	210.5	-3.5	61.5	0.0
	57	1.4	180.9	23.6	-7.8	18.0	0.0
8	91	-327.2	110.2	202.5	160.3	15.8	147.0
	147	1644.9	-291.4	189.3	39.1	178.6	0.0
	146	1036.7	-283.8	298.7	5.7	47.4	0.0
	57	-81.1	366.2	196.8	-1.7	-1.8	0.0
9	91	-315.6	130.5	338.8	358.1	7.8	126.8
	147	1664.8	-435.7	210.6	36.4	133.9	0.0
	146	1037.3	-448.3	359.6	21.1	20.0	0.0
	57	-117.8	547.0	407.1	16.6	-40.7	0.0
10	91	-331.4	92.8	356.8	366.0	4.2	131.0
	147	1694.9	-449.6	232.9	38.6	142.4	0.0
	146	1072.2	-472.6	378.9	18.9	25.1	0.0
	57	-145.3	563.4	403.4	11.4	-33.4	0.0
11	91	-289.9	207.4	98.3	55.3	29.0	146.8
	147	1570.8	-195.2	123.3	35.0	178.9	0.0
	146	930.5	-151.8	224.3	4.8	49.8	0.0
	57	0.8	248.7	117.6	3.9	-2.5	0.0
12	91	-290.4	204.4	98.0	55.1	28.9	146.0
	147	1566.1	-194.5	122.9	34.8	177.7	0.0
	146	936.2	-151.2	223.5	4.8	48.4	0.0
	57	2.7	247.8	117.1	3.9	-3.1	0.0
13	91	-289.9	207.4	98.3	55.3	29.0	146.8
	147	1570.8	-195.2	123.3	35.0	178.9	0.0
	146	930.5	-151.8	224.3	4.8	49.8	0.0
	57	0.8	248.7	117.6	3.9	-2.5	0.0
14	91	-290.7	202.5	97.8	55.0	28.8	145.5
	147	1563.0	-194.1	122.6	34.7	176.9	0.0
	146	940.0	-150.9	223.0	4.8	47.4	0.0
	57	4.0	247.2	116.9	3.9	-3.4	0.0
15	91	-289.9	207.4	98.3	55.3	29.0	146.8
	147	1570.8	-195.2	123.3	35.0	178.9	0.0
	146	930.5	-151.8	224.3	4.8	49.8	0.0
	57	0.8	248.7	117.6	3.9	-2.5	0.0
16	91	-291.1	200.5	97.6	54.9	28.8	145.0
	147	1559.8	-193.7	122.4	34.7	176.1	0.0
	146	943.8	-150.5	222.5	4.8	46.5	0.0
	57	5.3	246.6	116.6	3.9	-3.8	0.0
1	147	-681.6	-2655.0	255.3	-165.9	145.4	-282.6
	500	323.5	-269.7	764.7	122.3	-327.6	0.0
	499	4736.8	-197.7	528.1	-136.5	-663.2	0.0
	146	-869.7	212.1	-285.5	-120.4	-21.7	0.0
2	147	-781.9	-3050.5	292.7	-190.3	166.7	-322.6
	500	422.3	-308.8	876.4	140.1	-365.4	0.0
	499	5419.0	-227.1	605.5	-156.6	-753.1	0.0
	146	-1018.9	243.2	-327.1	-138.1	-21.0	0.0
3	147	-447.2	-1862.9	144.7	-58.5	69.0	-248.0
	500	93.6	-104.4	447.5	53.1	-229.5	0.0

	499	3505.9	-151.4	262.9	-75.4	-501.4	0.0
	146	-515.9	130.6	-142.0	-60.7	15.5	0.0
4	147	-488.6	-1929.4	260.7	-123.3	137.4	-214.2
	500	407.9	-277.9	739.7	118.4	-194.2	0.0
	499	3306.8	-193.6	500.5	-117.6	-434.9	0.0
	146	-694.4	229.5	-224.1	-109.1	6.7	0.0
5	147	-434.4	-1876.4	3.4	-7.6	-5.7	-274.9
	500	-232.0	88.7	97.6	-18.1	-287.8	0.0
	499	3864.0	-87.1	-0.4	-31.4	-597.8	0.0
	146	-365.6	2.0	-69.8	-9.0	9.7	0.0
6	147	-464.9	-1954.5	-1.9	-28.8	-1.3	-264.1
	500	-196.7	80.8	90.0	-13.8	-302.6	0.0
	499	3971.8	-74.1	11.5	-35.8	-614.0	0.0
	146	-415.4	-9.3	-90.1	-13.0	-4.0	0.0
7	147	-548.8	-2123.2	127.3	-129.2	83.5	-211.9
	500	211.1	-131.0	422.1	67.3	-278.6	0.0
	499	3865.4	-108.0	302.6	-90.1	-555.4	0.0
	146	-681.8	92.9	-209.5	-74.1	-30.2	0.0
8	147	-590.2	-2189.7	243.2	-194.1	151.9	-178.1
	500	525.4	-304.5	714.4	132.6	-243.3	0.0
	499	3666.4	-150.1	540.2	-132.3	-489.0	0.0
	146	-860.3	191.9	-291.6	-122.5	-39.0	0.0
9	147	-572.5	-2098.1	389.9	-223.8	222.2	-162.1
	500	815.7	-489.6	1071.8	199.5	-170.2	0.0
	499	3200.4	-227.5	791.6	-172.0	-376.3	0.0
	146	-960.8	331.8	-343.5	-170.2	-19.5	0.0
10	147	-603.0	-2176.2	384.6	-245.0	226.6	-151.2
	500	851.0	-497.6	1064.2	203.8	-184.9	0.0
	499	3308.3	-214.5	803.5	-176.4	-392.5	0.0
	146	-1010.5	320.5	-363.7	-174.2	-33.2	0.0
11	147	-522.8	-2038.1	195.8	-127.3	111.5	-216.3
	500	264.8	-206.7	586.3	93.8	-247.9	0.0
	499	3628.6	-151.8	405.0	-104.7	-506.2	0.0
	146	-674.0	162.7	-218.9	-92.4	-15.4	0.0
12	147	-521.3	-2033.7	195.1	-126.9	111.1	-215.1
	500	281.5	-205.8	584.3	93.4	-243.6	0.0
	499	3612.7	-151.4	403.7	-104.4	-502.1	0.0
	146	-679.3	162.1	-218.1	-92.1	-14.0	0.0
13	147	-522.8	-2038.1	195.8	-127.3	111.5	-216.3
	500	264.8	-206.7	586.3	93.8	-247.9	0.0
	499	3628.6	-151.8	405.0	-104.7	-506.2	0.0
	146	-674.0	162.7	-218.9	-92.4	-15.4	0.0
14	147	-520.2	-2030.7	194.7	-126.6	110.8	-214.3
	500	292.7	-205.3	582.9	93.2	-240.7	0.0
	499	3602.0	-151.2	402.8	-104.2	-499.3	0.0
	146	-682.8	161.8	-217.6	-91.9	-13.1	0.0
15	147	-522.8	-2038.1	195.8	-127.3	111.5	-216.3
	500	264.8	-206.7	586.3	93.8	-247.9	0.0
	499	3628.6	-151.8	405.0	-104.7	-506.2	0.0
	146	-674.0	162.7	-218.9	-92.4	-15.4	0.0
16	147	-519.2	-2027.8	194.2	-126.4	110.6	-213.5
	500	303.9	-204.7	581.6	93.0	-237.8	0.0
	499	3591.4	-150.9	402.0	-104.0	-496.5	0.0
	146	-686.3	161.4	-217.1	-91.7	-12.2	0.0
1	58	-637.0	-542.9	340.2	203.5	-7.7	55.3
	148	731.1	-235.0	291.8	3.2	-50.0	0.0
	147	2675.3	-251.8	160.9	-37.0	-239.6	0.0
	91	658.7	146.6	74.0	-37.4	-128.0	0.0
2	58	-733.0	-620.2	389.7	233.1	-8.7	65.4
	148	859.8	-269.7	334.3	3.8	-53.9	0.0
	147	3073.0	-288.4	184.7	-42.4	-273.0	0.0
	91	751.5	168.4	85.1	-42.8	-145.7	0.0
3	58	-436.0	-296.9	118.1	15.8	15.5	31.2
	148	530.1	-121.5	137.0	3.1	-39.5	0.0
	147	1916.2	-60.0	79.0	-25.0	-198.9	0.0
	91	543.2	20.3	-12.9	-15.1	-103.9	0.0
4	58	-469.0	-367.0	341.1	272.3	-14.9	39.2
	148	687.5	-287.8	235.3	-3.6	-25.8	0.0
	147	1966.7	-257.0	111.5	-22.6	-185.5	0.0
	91	424.9	160.5	147.3	-23.5	-99.3	0.0
5	58	-422.0	-269.7	-122.1	-276.2	46.8	28.4
	148	328.0	90.5	47.1	12.8	-56.3	0.0
	147	1926.8	147.0	60.3	-30.7	-205.9	0.0

	91	689.8	-128.3	-207.3	-11.7	-105.4	0.0
6	58	-443.0	-316.5	-104.9	-269.9	43.2	34.0
	148	312.2	105.9	68.4	14.5	-56.9	0.0
	147	1986.4	127.5	76.6	-33.2	-198.6	0.0
	91	697.0	-115.4	-213.7	-17.0	-102.1	0.0
7	58	-506.0	-452.9	175.3	36.7	3.6	49.8
	148	477.5	-70.2	207.8	8.7	-41.7	0.0
	147	2114.7	-125.2	133.7	-33.4	-174.6	0.0
	91	567.4	63.3	-34.2	-33.1	-92.8	0.0
8	58	-539.0	-523.0	398.3	293.2	-26.8	57.8
	148	634.9	-236.5	306.0	2.1	-28.0	0.0
	147	2165.2	-322.2	166.1	-31.1	-161.2	0.0
	91	449.0	203.5	126.1	-41.4	-88.2	0.0
9	58	-532.1	-503.5	621.3	578.9	-54.6	55.0
	148	852.8	-463.8	374.7	-9.4	-10.6	0.0
	147	2095.0	-509.7	168.5	-22.8	-161.5	0.0
	91	295.2	339.1	326.8	-39.5	-90.0	0.0
10	58	-553.1	-550.3	638.5	585.2	-58.1	60.6
	148	837.0	-448.4	395.9	-7.7	-11.3	0.0
	147	2154.6	-529.3	184.9	-25.4	-154.2	0.0
	91	302.5	352.0	320.4	-44.9	-86.7	0.0
11	58	-489.3	-415.6	260.8	156.0	-5.8	43.0
	148	567.6	-180.3	223.7	2.5	-37.2	0.0
	147	2053.4	-193.0	123.5	-28.4	-183.2	0.0
	91	503.9	112.5	56.9	-28.6	-97.8	0.0
12	58	-488.7	-413.5	259.8	155.4	-5.8	43.6
	148	573.2	-179.8	222.9	2.5	-35.9	0.0
	147	2048.6	-192.3	123.1	-28.2	-182.0	0.0
	91	501.0	112.3	56.7	-28.5	-97.2	0.0
13	58	-489.3	-415.6	260.8	156.0	-5.8	43.0
	148	567.6	-180.3	223.7	2.5	-37.2	0.0
	147	2053.4	-193.0	123.5	-28.4	-183.2	0.0
	91	503.9	112.5	56.9	-28.6	-97.8	0.0
14	58	-488.2	-412.1	259.2	155.0	-5.7	44.0
	148	576.9	-179.5	222.3	2.5	-35.1	0.0
	147	2045.5	-191.8	122.9	-28.2	-181.2	0.0
	91	499.1	112.1	56.7	-28.4	-96.7	0.0
15	58	-489.3	-415.6	260.8	156.0	-5.8	43.0
	148	567.6	-180.3	223.7	2.5	-37.2	0.0
	147	2053.4	-193.0	123.5	-28.4	-183.2	0.0
	91	503.9	112.5	56.9	-28.6	-97.8	0.0
16	58	-487.8	-410.7	258.5	154.7	-5.7	44.3
	148	580.6	-179.1	221.8	2.5	-34.2	0.0
	147	2042.3	-191.4	122.7	-28.1	-180.4	0.0
	91	497.1	112.0	56.6	-28.3	-96.3	0.0
1	148	-336.3	-1717.1	232.3	-299.0	125.1	-19.4
	501	4339.1	-163.4	552.2	122.0	721.4	0.0
	500	981.7	-319.8	772.1	-144.9	316.1	0.0
	147	-2068.1	250.9	-155.7	-154.0	288.3	0.0
2	148	-392.6	-1997.3	266.4	-342.6	143.5	-26.0
	501	4957.7	-187.2	633.6	139.8	820.1	0.0
	500	1183.1	-366.8	884.9	-166.2	352.4	0.0
	147	-2371.6	287.6	-178.7	-176.5	329.1	0.0
3	148	-180.4	-1356.9	120.0	-140.3	58.9	-51.2
	501	3098.5	-66.9	321.7	65.9	599.0	0.0
	500	762.0	-184.2	400.4	-66.7	209.3	0.0
	147	-1432.2	155.3	-77.0	-75.6	259.2	0.0
4	148	-254.7	-1504.2	253.5	-245.7	119.8	-36.6
	501	3191.5	-148.8	542.9	108.3	547.5	0.0
	500	992.6	-338.3	731.4	-139.5	175.0	0.0
	147	-1554.7	257.6	-104.8	-145.3	233.0	0.0
5	148	-126.4	-1122.1	-42.8	-41.2	-8.2	-51.1
	501	3082.5	17.4	55.2	20.4	635.6	0.0
	500	451.0	8.1	28.5	13.3	274.4	0.0
	147	-1344.8	24.9	-63.9	1.0	269.7	0.0
6	148	-154.5	-1068.2	-48.9	-61.6	-4.7	-36.5
	501	3161.9	7.7	48.0	23.8	615.5	0.0
	500	415.0	18.9	40.9	9.0	295.8	0.0
	147	-1392.3	15.5	-80.5	-2.9	252.6	0.0
7	148	-274.1	-1177.2	99.8	-208.4	70.5	-2.3
	501	3363.1	-99.2	297.7	77.1	531.9	0.0
	500	642.1	-148.3	441.5	-80.9	280.8	0.0
	147	-1590.7	123.7	-132.4	-88.8	201.9	0.0

8	148	-348.4	-1324.5	233.3	-313.8	131.4	12.3
	501	3456.1	-181.2	518.9	119.4	480.4	0.0
	500	872.7	-302.3	772.5	-153.8	246.4	0.0
	147	-1713.2	226.0	-160.2	-158.4	175.7	0.0
9	148	-374.2	-1613.2	402.2	-392.5	195.0	-2.4
	501	3392.7	-255.8	792.6	161.6	463.9	0.0
	500	1219.7	-505.4	1132.1	-229.5	159.9	0.0
	147	-1753.1	365.8	-156.7	-231.2	182.3	0.0
10	148	-402.4	-1559.3	396.1	-412.9	198.5	12.3
	501	3472.1	-265.5	785.4	164.9	443.8	0.0
	500	1183.8	-494.6	1144.4	-233.8	181.3	0.0
	147	-1800.6	356.4	-173.3	-235.1	165.2	0.0
11	148	-260.2	-1326.0	178.1	-229.2	96.0	-16.1
	501	3321.9	-125.2	423.6	93.6	550.9	0.0
	500	771.5	-245.3	592.0	-111.1	239.2	0.0
	147	-1586.1	192.4	-119.5	-118.1	220.6	0.0
12	148	-261.8	-1331.5	177.6	-228.4	95.6	-17.3
	501	3305.2	-124.8	422.4	93.2	546.7	0.0
	500	788.7	-244.5	589.9	-110.8	234.9	0.0
	147	-1581.1	191.7	-119.1	-117.7	219.4	0.0
13	148	-260.2	-1326.0	178.1	-229.2	96.0	-16.1
	501	3321.9	-125.2	423.6	93.6	550.9	0.0
	500	771.5	-245.3	592.0	-111.1	239.2	0.0
	147	-1586.1	192.4	-119.5	-118.1	220.6	0.0
14	148	-262.8	-1335.2	177.2	-227.9	95.4	-18.2
	501	3294.0	-124.5	421.5	93.0	543.9	0.0
	500	800.2	-244.0	588.5	-110.6	232.1	0.0
	147	-1577.7	191.3	-118.9	-117.4	218.6	0.0
15	148	-260.2	-1326.0	178.1	-229.2	96.0	-16.1
	501	3321.9	-125.2	423.6	93.6	550.9	0.0
	500	771.5	-245.3	592.0	-111.1	239.2	0.0
	147	-1586.1	192.4	-119.5	-118.1	220.6	0.0
16	148	-263.9	-1338.9	176.8	-227.3	95.2	-19.0
	501	3282.9	-124.2	420.7	92.8	541.1	0.0
	500	811.6	-243.5	587.2	-110.4	229.3	0.0
	147	-1574.4	190.9	-118.7	-117.2	217.8	0.0
1	92	-592.6	-287.7	85.9	72.7	21.0	214.4
	149	1969.7	-171.4	86.3	27.1	324.8	0.0
	148	1754.1	-214.5	252.2	9.4	65.2	0.0
	58	86.1	300.0	167.5	6.5	101.4	0.0
2	92	-685.5	-339.6	98.6	83.5	24.1	245.4
	149	2259.0	-196.6	99.1	31.1	371.0	0.0
	148	2039.5	-245.9	289.0	10.7	71.4	0.0
	58	105.1	343.8	192.0	7.5	115.1	0.0
3	92	-386.4	-189.4	-7.9	-33.1	39.6	146.4
	149	1564.2	-137.1	55.8	25.6	250.4	0.0
	148	1209.9	-35.5	148.3	5.0	43.6	0.0
	58	36.9	126.7	49.7	10.5	78.2	0.0
4	92	-460.2	-387.5	92.5	161.7	3.7	150.7
	149	1612.0	-185.7	13.1	5.1	264.5	0.0
	148	1421.2	-237.5	175.2	15.3	30.3	0.0
	58	-21.4	273.8	237.2	15.7	94.9	0.0
5	92	-324.5	82.2	-108.7	-266.6	77.5	151.1
	149	1445.5	-58.7	127.4	53.1	225.4	0.0
	148	1000.4	181.6	137.9	-9.1	65.1	0.0
	58	150.9	-25.6	-180.4	-1.3	51.1	0.0
6	92	-345.4	116.9	-94.8	-271.9	74.1	159.4
	149	1391.6	-40.1	146.2	56.2	218.1	0.0
	148	1032.2	165.7	155.8	-11.0	70.2	0.0
	58	190.2	-9.1	-190.1	-6.2	44.5	0.0
7	92	-455.8	-73.9	38.5	-50.8	28.3	174.1
	149	1384.5	-75.1	118.3	36.0	225.9	0.0
	148	1315.8	-88.5	207.9	-1.1	60.6	0.0
	58	168.1	181.9	17.3	-5.8	56.4	0.0
8	92	-529.6	-272.1	138.9	144.0	-7.6	178.5
	149	1432.3	-123.7	75.7	15.5	240.0	0.0
	148	1527.1	-290.5	234.8	9.2	47.2	0.0
	58	109.8	329.0	204.9	-0.5	73.0	0.0
9	92	-570.6	-578.3	225.8	382.8	-42.1	165.5
	149	1604.9	-220.7	-14.7	-15.1	272.3	0.0
	148	1704.8	-491.7	227.4	25.2	20.6	0.0
	58	-43.5	464.7	444.7	16.1	106.7	0.0
10	92	-591.5	-543.6	239.7	377.5	-45.5	173.8

	149	1551.0	-202.1	4.0	-12.0	265.0	0.0
	148	1736.6	-507.6	245.2	23.4	25.7	0.0
	58	-4.2	481.3	435.0	11.3	100.1	0.0
11	92	-456.4	-223.8	65.9	55.8	16.1	164.3
	149	1510.7	-131.4	66.2	20.8	248.6	0.0
	148	1354.4	-164.5	193.4	7.2	48.9	0.0
	58	68.1	230.0	128.4	5.0	77.4	0.0
12	92	-457.0	-226.4	65.8	55.7	16.1	163.6
	149	1506.0	-131.0	66.0	20.7	247.3	0.0
	148	1359.7	-163.9	192.7	7.2	47.6	0.0
	58	70.1	229.2	128.0	5.0	76.7	0.0
13	92	-456.4	-223.8	65.9	55.8	16.1	164.3
	149	1510.7	-131.4	66.2	20.8	248.6	0.0
	148	1354.4	-164.5	193.4	7.2	48.9	0.0
	58	68.1	230.0	128.4	5.0	77.4	0.0
14	92	-457.4	-228.1	65.7	55.6	16.0	163.1
	149	1502.9	-130.8	65.9	20.7	246.5	0.0
	148	1363.2	-163.5	192.2	7.1	46.7	0.0
	58	71.4	228.7	127.7	5.0	76.3	0.0
15	92	-456.4	-223.8	65.9	55.8	16.1	164.3
	149	1510.7	-131.4	66.2	20.8	248.6	0.0
	148	1354.4	-164.5	193.4	7.2	48.9	0.0
	58	68.1	230.0	128.4	5.0	77.4	0.0
16	92	-457.8	-229.8	65.6	55.5	16.0	162.7
	149	1499.8	-130.5	65.8	20.6	245.6	0.0
	148	1366.7	-163.2	191.8	7.1	45.8	0.0
	58	72.7	228.1	127.4	5.0	75.8	0.0
1	149	-715.8	-3206.9	405.2	-109.2	128.4	-343.1
	502	240.7	-313.4	873.9	98.9	-288.6	0.0
	501	5269.9	-309.1	600.7	-158.4	-714.3	0.0
	148	-768.1	217.3	-245.0	-137.7	4.2	0.0
2	149	-821.4	-3685.3	464.6	-125.3	147.1	-392.4
	502	327.2	-359.0	1001.9	113.3	-320.6	0.0
	501	6032.0	-354.9	689.1	-181.7	-811.9	0.0
	148	-902.0	249.2	-280.7	-158.0	8.5	0.0
3	149	-489.0	-2241.2	183.7	-63.6	63.5	-251.8
	502	36.3	-105.8	489.2	48.5	-206.3	0.0
	501	3771.0	-181.7	291.7	-84.1	-590.9	0.0
	148	-492.6	126.8	-145.3	-78.5	47.2	0.0
4	149	-545.5	-2399.1	462.2	-43.0	116.0	-227.8
	502	370.9	-343.5	879.5	90.3	-168.8	0.0
	501	3875.3	-331.2	599.0	-142.8	-541.1	0.0
	148	-697.6	235.2	-167.5	-143.3	31.9	0.0
5	149	-442.5	-2146.7	-151.7	-108.6	7.6	-293.5
	502	-324.3	162.4	19.7	3.7	-263.4	0.0
	501	3768.5	7.3	-58.7	-20.6	-626.8	0.0
	148	-264.0	-10.6	-140.3	1.3	42.8	0.0
6	149	-459.2	-2223.6	-160.6	-126.5	12.3	-305.4
	502	-298.7	154.5	7.7	7.1	-274.9	0.0
	501	3870.8	19.8	-51.6	-24.9	-607.8	0.0
	148	-273.1	-20.0	-158.0	5.0	23.7	0.0
7	149	-544.5	-2497.6	154.0	-123.4	79.0	-291.3
	502	121.6	-132.1	449.1	59.9	-244.6	0.0
	501	4111.9	-140.0	315.1	-98.3	-527.6	0.0
	148	-523.0	95.4	-204.6	-66.3	-16.4	0.0
8	149	-601.0	-2655.5	432.6	-102.7	131.6	-267.4
	502	456.2	-369.9	839.4	101.7	-207.1	0.0
	501	4216.3	-289.5	622.5	-157.0	-477.8	0.0
	148	-728.0	203.8	-226.7	-131.1	-31.6	0.0
9	149	-630.8	-2673.1	776.8	-39.8	182.7	-213.8
	502	791.2	-630.2	1320.9	143.1	-138.4	0.0
	501	4116.5	-491.0	965.8	-216.2	-460.9	0.0
	148	-947.4	350.6	-214.0	-214.6	-8.1	0.0
10	149	-647.4	-2750.0	767.9	-57.8	187.4	-225.7
	502	816.8	-638.1	1308.9	146.5	-149.9	0.0
	501	4218.8	-478.5	972.8	-220.5	-441.9	0.0
	148	-956.6	341.2	-231.8	-210.9	-27.2	0.0
11	149	-549.1	-2462.0	310.7	-83.8	98.4	-262.8
	502	201.2	-240.2	670.2	75.8	-218.0	0.0
	501	4038.0	-237.2	460.8	-121.5	-545.5	0.0
	148	-596.0	166.6	-187.8	-105.6	4.4	0.0
12	149	-547.6	-2456.9	309.8	-83.6	98.1	-261.6
	502	218.1	-239.3	668.0	75.5	-213.7	0.0

	501	4021.4	-236.6	459.4	-121.2	-541.3	0.0
	148	-601.3	166.1	-187.2	-105.3	5.7	0.0
13	149	-549.1	-2462.0	310.7	-83.8	98.4	-262.8
	502	201.2	-240.2	670.2	75.8	-218.0	0.0
	501	4038.0	-237.2	460.8	-121.5	-545.5	0.0
	148	-596.0	166.6	-187.8	-105.6	4.4	0.0
14	149	-546.5	-2453.5	309.1	-83.4	97.9	-260.8
	502	229.4	-238.7	666.5	75.4	-210.9	0.0
	501	4010.3	-236.2	458.4	-120.9	-538.5	0.0
	148	-604.9	165.8	-186.7	-105.1	6.5	0.0
15	149	-549.1	-2462.0	310.7	-83.8	98.4	-262.8
	502	201.2	-240.2	670.2	75.8	-218.0	0.0
	501	4038.0	-237.2	460.8	-121.5	-545.5	0.0
	148	-596.0	166.6	-187.8	-105.6	4.4	0.0
16	149	-545.5	-2450.1	308.5	-83.2	97.6	-260.0
	502	240.6	-238.1	665.0	75.2	-208.1	0.0
	501	3999.2	-235.8	457.5	-120.7	-535.7	0.0
	148	-608.5	165.5	-186.3	-104.9	7.4	0.0
1	59	-582.6	-1209.1	493.4	297.8	-83.9	-59.0
	150	832.2	-127.7	282.2	-156.4	67.9	0.0
	149	3326.0	-408.1	113.4	-15.0	-337.7	0.0
	92	573.1	42.4	110.2	-18.9	12.0	0.0
2	59	-670.7	-1388.1	565.6	341.5	-96.2	-66.1
	150	977.2	-146.8	323.5	-179.3	81.9	0.0
	149	3822.6	-467.9	130.3	-17.1	-385.9	0.0
	92	652.4	49.1	126.7	-21.6	15.5	0.0
3	59	-315.3	-728.9	228.4	74.8	4.8	-95.6
	150	776.7	-150.6	160.9	-35.7	-14.7	0.0
	149	2334.7	-100.7	143.0	-17.2	-289.4	0.0
	92	324.2	72.7	15.8	-10.7	-53.7	0.0
4	59	-354.2	-965.0	590.4	423.2	-118.5	-116.7
	150	890.5	-135.5	208.1	-227.4	32.8	0.0
	149	2553.1	-467.3	87.9	6.3	-309.0	0.0
	92	232.1	57.0	205.8	0.9	-7.7	0.0
5	59	-348.0	-505.6	-218.1	-347.3	143.7	-26.7
	150	523.2	-136.4	126.7	196.8	-36.8	0.0
	149	2147.1	308.5	187.0	-48.6	-235.5	0.0
	92	538.0	68.5	-224.5	-30.8	-78.0	0.0
6	59	-414.9	-550.3	-238.8	-360.8	139.6	11.2
	150	419.7	-109.1	144.6	204.5	-8.2	0.0
	149	2204.6	292.8	169.6	-52.1	-209.1	0.0
	92	629.0	49.3	-240.5	-36.4	-52.8	0.0
7	59	-538.3	-877.9	159.5	29.8	-9.0	30.8
	150	431.8	-59.5	220.7	-10.3	80.5	0.0
	149	2526.4	-153.2	85.2	-28.8	-201.2	0.0
	92	627.6	8.5	-37.5	-29.3	30.3	0.0
8	59	-577.2	-1114.0	521.6	378.1	-132.2	9.6
	150	545.6	-44.4	267.9	-202.0	128.0	0.0
	149	2744.8	-519.8	30.1	-5.4	-220.8	0.0
	92	535.5	-7.2	152.5	-17.7	76.3	0.0
9	59	-477.6	-1292.6	988.7	813.8	-267.1	-97.2
	150	902.6	-85.9	284.2	-442.2	121.6	0.0
	149	2875.0	-913.3	3.5	29.5	-301.1	0.0
	92	230.7	16.3	408.9	8.0	75.4	0.0
10	59	-544.5	-1337.2	968.1	800.3	-271.2	-59.3
	150	799.2	-58.6	302.1	-434.6	150.1	0.0
	149	2932.5	-929.0	-13.8	26.0	-274.7	0.0
	92	321.7	-3.0	392.9	2.4	100.6	0.0
11	59	-447.7	-927.8	378.3	228.4	-64.3	-44.7
	150	645.7	-98.0	216.4	-119.9	53.4	0.0
	149	2553.6	-313.0	87.1	-11.5	-258.6	0.0
	92	438.0	32.7	84.6	-14.5	9.8	0.0
12	59	-447.1	-925.4	377.1	227.7	-64.1	-44.1
	150	651.5	-97.8	215.7	-119.5	54.6	0.0
	149	2548.4	-312.0	86.9	-11.4	-257.3	0.0
	92	434.9	32.7	84.5	-14.4	10.3	0.0
13	59	-447.7	-927.8	378.3	228.4	-64.3	-44.7
	150	645.7	-98.0	216.4	-119.9	53.4	0.0
	149	2553.6	-313.0	87.1	-11.5	-258.6	0.0
	92	438.0	32.7	84.6	-14.5	9.8	0.0
14	59	-446.8	-923.8	376.2	227.2	-64.0	-43.6
	150	655.4	-97.7	215.2	-119.3	55.4	0.0
	149	2545.0	-311.3	86.8	-11.4	-256.4	0.0

	92	432.9	32.7	84.3	-14.3	10.7	0.0
15	59	-447.7	-927.8	378.3	228.4	-64.3	-44.7
	150	645.7	-98.0	216.4	-119.9	53.4	0.0
	149	2553.6	-313.0	87.1	-11.5	-258.6	0.0
	92	438.0	32.7	84.6	-14.5	9.8	0.0
16	59	-446.4	-922.2	375.4	226.7	-63.8	-43.2
	150	659.2	-97.6	214.7	-119.0	56.2	0.0
	149	2541.5	-310.6	86.6	-11.3	-255.5	0.0
	92	430.9	32.8	84.2	-14.3	11.1	0.0
1	150	-306.0	-2120.9	489.2	-255.4	-33.4	-80.7
	503	4417.1	-183.6	659.9	71.4	803.7	0.0
	502	1328.2	-480.0	880.4	-126.8	278.4	0.0
	149	-2088.8	174.3	-90.6	-140.5	356.1	0.0
2	150	-357.1	-2461.3	561.1	-292.7	-38.3	-96.8
	503	5048.8	-210.4	757.1	81.9	915.0	0.0
	502	1580.7	-550.5	1009.3	-145.5	308.9	0.0
	149	-2396.3	199.9	-104.1	-161.1	407.3	0.0
3	150	-177.3	-1585.8	120.9	-152.1	23.1	-75.4
	503	3402.9	-58.8	346.9	58.5	667.8	0.0
	502	940.2	-207.2	430.0	-80.1	193.6	0.0
	149	-1618.4	153.3	-136.6	-70.8	327.7	0.0
4	150	-264.0	-1888.7	581.4	-175.3	-103.3	-106.9
	503	3496.8	-184.9	686.8	35.4	624.3	0.0
	502	1322.5	-550.2	876.2	-129.7	145.6	0.0
	149	-1717.9	139.7	-56.9	-126.5	300.2	0.0
5	150	-90.0	-1170.6	-401.6	-146.3	180.8	-21.4
	503	3215.5	76.0	-59.8	90.5	688.4	0.0
	502	459.1	202.5	-79.4	-16.4	270.1	0.0
	149	-1447.4	159.3	-210.3	-11.4	328.7	0.0
6	150	-101.9	-1117.6	-389.1	-164.5	189.7	-6.6
	503	3148.7	65.4	-68.5	94.9	662.6	0.0
	502	429.1	210.7	-69.8	-11.3	287.7	0.0
	149	-1400.4	150.9	-193.7	-16.3	302.0	0.0
7	150	-216.8	-1409.2	162.8	-212.7	52.5	-26.2
	503	3180.3	-94.0	317.9	73.0	581.7	0.0
	502	840.1	-180.0	462.0	-63.3	252.2	0.0
	149	-1461.5	125.3	-81.3	-87.1	238.8	0.0
8	150	-303.5	-1712.0	623.3	-235.8	-73.9	-57.8
	503	3274.2	-220.1	657.8	50.0	538.2	0.0
	502	1222.4	-523.1	908.2	-112.9	204.2	0.0
	149	-1561.0	111.7	-1.6	-142.9	211.3	0.0
9	150	-379.0	-2180.2	1133.3	-223.5	-240.4	-126.5
	503	3528.4	-344.4	1073.2	13.6	543.4	0.0
	502	1733.5	-941.0	1408.0	-181.7	110.1	0.0
	149	-1779.0	114.1	55.4	-197.3	237.0	0.0
10	150	-390.8	-2127.2	1145.8	-241.6	-231.6	-111.8
	503	3461.6	-354.9	1064.5	18.0	517.6	0.0
	502	1703.4	-932.8	1417.6	-176.7	127.7	0.0
	149	-1732.0	105.7	72.0	-202.2	210.3	0.0
11	150	-236.7	-1636.1	375.2	-195.8	-25.6	-63.3
	503	3382.2	-140.8	506.2	54.8	614.2	0.0
	502	1037.3	-368.1	675.1	-97.3	210.1	0.0
	149	-1602.3	133.7	-69.5	-107.7	272.7	0.0
12	150	-238.1	-1640.9	374.1	-195.1	-25.5	-64.5
	503	3365.9	-140.3	504.8	54.6	610.0	0.0
	502	1053.8	-367.0	672.9	-97.0	205.9	0.0
	149	-1597.6	133.2	-69.4	-107.4	271.5	0.0
13	150	-236.7	-1636.1	375.2	-195.8	-25.6	-63.3
	503	3382.2	-140.8	506.2	54.8	614.2	0.0
	502	1037.3	-368.1	675.1	-97.3	210.1	0.0
	149	-1602.3	133.7	-69.5	-107.7	272.7	0.0
14	150	-239.0	-1644.1	373.3	-194.7	-25.5	-65.3
	503	3354.9	-140.0	503.8	54.4	607.2	0.0
	502	1064.8	-366.3	671.3	-96.8	203.1	0.0
	149	-1594.4	132.9	-69.3	-107.2	270.7	0.0
15	150	-236.7	-1636.1	375.2	-195.8	-25.6	-63.3
	503	3382.2	-140.8	506.2	54.8	614.2	0.0
	502	1037.3	-368.1	675.1	-97.3	210.1	0.0
	149	-1602.3	133.7	-69.5	-107.7	272.7	0.0
16	150	-240.0	-1647.3	372.5	-194.2	-25.4	-66.2
	503	3344.0	-139.6	502.8	54.3	604.4	0.0
	502	1075.8	-365.5	669.8	-96.6	200.3	0.0
	149	-1591.3	132.7	-69.2	-106.9	269.9	0.0

1	101	275.1	573.1	42.4	110.2	18.9	-12.0
	171	3326.0	-408.1	113.4	15.0	337.7	0.0
	170	832.2	-127.7	282.2	156.4	-67.9	0.0
	68	-1209.1	493.4	297.8	83.9	59.0	0.0
2	101	314.4	652.4	49.1	126.7	21.6	-15.5
	171	3822.6	-467.9	130.3	17.1	385.9	0.0
	170	977.2	-146.8	323.5	179.3	-81.9	0.0
	68	-1388.1	565.6	341.5	96.2	66.1	0.0
3	101	282.3	627.6	8.5	-37.5	29.4	-30.3
	171	2526.4	-153.2	85.2	28.8	201.2	0.0
	170	431.8	-59.5	220.7	10.3	-80.5	0.0
	68	-877.9	159.5	29.8	9.0	-30.8	0.0
4	101	359.6	535.5	-7.2	152.5	17.7	-76.3
	171	2744.8	-519.8	30.1	5.4	220.8	0.0
	170	545.6	-44.4	267.9	202.0	-128.0	0.0
	68	-1113.9	521.6	378.1	132.2	-9.6	0.0
5	101	112.9	629.0	49.3	-240.5	36.4	52.8
	171	2204.6	292.8	169.6	52.1	209.1	0.0
	170	419.7	-109.1	144.6	-204.5	8.2	0.0
	68	-550.3	-238.8	-360.8	-139.6	-11.2	0.0
6	101	45.0	538.0	68.5	-224.5	30.8	78.0
	171	2147.1	308.5	187.0	48.6	235.5	0.0
	170	523.2	-136.4	126.7	-196.8	36.8	0.0
	68	-505.6	-218.1	-347.3	-143.7	26.7	0.0
7	101	56.0	324.2	72.7	15.8	10.7	53.7
	171	2334.7	-100.7	143.0	17.2	289.4	0.0
	170	776.7	-150.6	160.9	35.7	14.7	0.0
	68	-728.9	228.4	74.8	-4.8	95.6	0.0
8	101	133.3	232.1	57.0	205.8	-0.9	7.7
	171	2553.1	-467.3	87.9	-6.3	309.0	0.0
	170	890.5	-135.5	208.1	227.4	-32.8	0.0
	68	-965.0	590.4	423.2	118.5	116.7	0.0
9	101	370.6	321.7	-3.0	392.9	-2.4	-100.6
	171	2932.5	-929.0	-13.8	-26.0	274.7	0.0
	170	799.2	-58.6	302.1	434.6	-150.1	0.0
	68	-1337.2	968.1	800.3	271.2	59.3	0.0
10	101	302.7	230.7	16.3	408.9	-8.0	-75.4
	171	2875.0	-913.3	3.5	-29.5	301.1	0.0
	170	902.6	-85.9	284.2	442.2	-121.6	0.0
	68	-1292.5	988.7	813.8	267.1	97.2	0.0
11	101	210.6	438.0	32.7	84.6	14.5	-9.8
	171	2553.6	-313.0	87.1	11.5	258.6	0.0
	170	645.7	-98.0	216.4	119.9	-53.4	0.0
	68	-927.8	378.3	228.4	64.3	44.7	0.0
12	101	209.6	434.9	32.7	84.5	14.4	-10.3
	171	2548.4	-312.0	86.9	11.4	257.3	0.0
	170	651.5	-97.8	215.7	119.5	-54.6	0.0
	68	-925.4	377.1	227.7	64.1	44.1	0.0
13	101	210.6	438.0	32.7	84.6	14.5	-9.8
	171	2553.6	-313.0	87.1	11.5	258.6	0.0
	170	645.7	-98.0	216.4	119.9	-53.4	0.0
	68	-927.8	378.3	228.4	64.3	44.7	0.0
14	101	208.9	432.9	32.7	84.3	14.3	-10.7
	171	2545.0	-311.3	86.8	11.4	256.4	0.0
	170	655.4	-97.7	215.2	119.3	-55.4	0.0
	68	-923.8	376.2	227.2	64.0	43.6	0.0
15	101	210.6	438.0	32.7	84.6	14.5	-9.8
	171	2553.6	-313.0	87.1	11.5	258.6	0.0
	170	645.7	-98.0	216.4	119.9	-53.4	0.0
	68	-927.8	378.3	228.4	64.3	44.7	0.0
16	101	208.2	430.9	32.8	84.2	14.3	-11.1
	171	2541.5	-310.6	86.6	11.3	255.5	0.0
	170	659.2	-97.6	214.7	119.0	-56.2	0.0
	68	-922.2	375.4	226.7	63.8	43.2	0.0
1	171	-188.7	-2088.8	174.3	-90.6	140.5	-356.1
	524	1328.2	-480.0	880.4	126.8	-278.4	0.0
	523	4417.1	-183.6	659.9	-71.4	-803.7	0.0
	170	-2120.9	489.2	-255.4	33.4	80.7	0.0
2	171	-213.6	-2396.3	199.9	-104.1	161.1	-407.3
	524	1580.7	-550.5	1009.3	145.5	-308.9	0.0
	523	5048.8	-210.4	757.1	-81.9	-915.0	0.0
	170	-2461.3	561.1	-292.7	38.3	96.8	0.0

3	171	-140.8	-1461.5	125.3	-81.3	87.1	-238.8
	524	840.1	-180.0	462.0	63.3	-252.2	0.0
	523	3180.3	-94.0	317.9	-73.0	-581.7	0.0
	170	-1409.2	162.8	-212.7	-52.5	26.2	0.0
4	171	-198.0	-1561.0	111.7	-1.6	142.9	-211.3
	524	1222.4	-523.1	908.2	112.9	-204.2	0.0
	523	3274.2	-220.1	657.8	-50.0	-538.2	0.0
	170	-1712.0	623.3	-235.8	73.9	57.8	0.0
5	171	-53.5	-1400.4	150.9	-193.7	16.3	-302.0
	524	429.1	210.7	-69.8	11.3	-287.7	0.0
	523	3148.7	65.4	-68.5	-94.9	-662.6	0.0
	170	-1117.6	-389.1	-164.5	-189.7	6.6	0.0
6	171	-36.0	-1447.4	159.3	-210.3	11.4	-328.7
	524	459.1	202.5	-79.4	16.3	-270.1	0.0
	523	3215.5	76.0	-59.8	-90.5	-688.4	0.0
	170	-1170.6	-401.6	-146.3	-180.8	21.4	0.0
7	171	-82.2	-1618.4	153.3	-136.6	70.8	-327.7
	524	940.2	-207.2	430.0	80.1	-193.6	0.0
	523	3402.9	-58.8	346.9	-58.5	-667.8	0.0
	170	-1585.8	120.9	-152.1	-23.1	75.4	0.0
8	171	-139.5	-1717.9	139.7	-56.9	126.5	-300.2
	524	1322.5	-550.2	876.2	129.7	-145.6	0.0
	523	3496.8	-184.9	686.8	-35.4	-624.3	0.0
	170	-1888.7	581.4	-175.3	103.3	106.9	0.0
9	171	-244.3	-1732.0	105.7	72.0	202.2	-210.3
	524	1703.4	-932.8	1417.6	176.7	-127.7	0.0
	523	3461.6	-354.9	1064.5	-18.0	-517.6	0.0
	170	-2127.2	1145.9	-241.6	231.6	111.8	0.0
10	171	-226.7	-1779.0	114.1	55.4	197.3	-237.0
	524	1733.5	-941.0	1408.0	181.7	-110.1	0.0
	523	3528.4	-344.4	1073.2	-13.6	-543.4	0.0
	170	-2180.2	1133.3	-223.5	240.4	126.5	0.0
11	171	-143.8	-1602.3	133.7	-69.5	107.7	-272.7
	524	1037.3	-368.1	675.1	97.3	-210.1	0.0
	523	3382.2	-140.8	506.2	-54.8	-614.2	0.0
	170	-1636.1	375.2	-195.8	25.6	63.3	0.0
12	171	-142.4	-1597.6	133.2	-69.4	107.4	-271.5
	524	1053.8	-367.0	672.9	97.0	-205.9	0.0
	523	3365.9	-140.3	504.8	-54.6	-610.0	0.0
	170	-1640.9	374.1	-195.1	25.5	64.5	0.0
13	171	-143.8	-1602.3	133.7	-69.5	107.7	-272.7
	524	1037.3	-368.1	675.1	97.3	-210.1	0.0
	523	3382.2	-140.8	506.2	-54.8	-614.2	0.0
	170	-1636.1	375.2	-195.8	25.6	63.3	0.0
14	171	-141.5	-1594.4	132.9	-69.3	107.2	-270.7
	524	1064.8	-366.3	671.3	96.8	-203.1	0.0
	523	3354.9	-140.0	503.8	-54.4	-607.2	0.0
	170	-1644.1	373.3	-194.7	25.5	65.3	0.0
15	171	-143.8	-1602.3	133.7	-69.5	107.7	-272.7
	524	1037.3	-368.1	675.1	97.3	-210.1	0.0
	523	3382.2	-140.8	506.2	-54.8	-614.2	0.0
	170	-1636.1	375.2	-195.8	25.6	63.3	0.0
16	171	-140.6	-1591.3	132.7	-69.2	106.9	-269.9
	524	1075.8	-365.5	669.8	96.6	-200.3	0.0
	523	3344.0	-139.6	502.8	-54.3	-604.4	0.0
	170	-1647.3	372.5	-194.2	25.4	66.2	0.0
1	69	-82.4	86.1	300.0	167.5	-6.5	-101.4
	172	1754.1	-214.5	252.2	-9.4	-65.2	0.0
	171	1969.7	-171.4	86.3	-27.1	-324.8	0.0
	101	-287.7	85.9	72.7	-21.0	-214.4	0.0
2	69	-94.0	105.1	343.8	192.0	-7.5	-115.1
	172	2039.5	-245.9	289.0	-10.7	-71.4	0.0
	171	2259.0	-196.6	99.1	-31.1	-371.0	0.0
	101	-339.6	98.6	83.5	-24.1	-245.4	0.0
3	69	-60.0	168.1	181.9	17.3	5.8	-56.4
	172	1315.8	-88.5	207.9	1.1	-60.6	0.0
	171	1384.5	-75.1	118.3	-36.0	-225.9	0.0
	101	-73.9	38.5	-50.8	-28.3	-174.1	0.0
4	69	-37.0	109.8	329.0	204.9	0.5	-73.0
	172	1527.1	-290.5	234.8	-9.2	-47.2	0.0
	171	1432.3	-123.7	75.7	-15.5	-240.0	0.0
	101	-272.1	138.9	144.0	7.6	-178.5	0.0
5	69	-96.3	190.2	-9.1	-190.1	6.2	-44.5

	172	1032.2	165.7	155.8	11.0	-70.2	0.0
	171	1391.6	-40.1	146.2	-56.2	-218.1	0.0
	101	116.9	-94.8	-271.9	-74.1	-159.4	0.0
6	69	-104.4	150.9	-25.6	-180.4	1.3	-51.1
	172	1000.4	181.6	137.9	9.2	-65.2	0.0
	171	1445.5	-58.7	127.4	-53.1	-225.4	0.0
	101	82.2	-108.7	-266.6	-77.5	-151.1	0.0
7	69	-87.0	36.9	126.7	49.7	-10.5	-78.2
	172	1209.9	-35.5	148.3	-5.0	-43.6	0.0
	171	1564.2	-137.1	55.8	-25.6	-250.4	0.0
	101	-189.4	-7.9	-33.1	-39.6	-146.4	0.0
8	69	-64.0	-21.4	273.8	237.2	-15.7	-94.9
	172	1421.2	-237.5	175.2	-15.4	-30.3	0.0
	171	1612.0	-185.7	13.1	-5.1	-264.5	0.0
	101	-387.5	92.5	161.7	-3.7	-150.7	0.0
9	69	-19.6	-4.2	481.3	435.0	-11.3	-100.1
	172	1736.6	-507.6	245.2	-23.4	-25.7	0.0
	171	1551.0	-202.1	4.0	12.0	-265.0	0.0
	101	-543.6	239.7	377.5	45.5	-173.8	0.0
10	69	-27.7	-43.5	464.8	444.7	-16.1	-106.7
	172	1704.8	-491.7	227.4	-25.2	-20.6	0.0
	171	1604.9	-220.7	-14.7	15.1	-272.3	0.0
	101	-578.3	225.8	382.8	42.1	-165.5	0.0
11	69	-63.0	68.1	230.0	128.4	-5.0	-77.4
	172	1354.4	-164.5	193.4	-7.2	-48.9	0.0
	171	1510.7	-131.4	66.2	-20.8	-248.6	0.0
	101	-223.8	65.9	55.8	-16.1	-164.3	0.0
12	69	-62.6	70.1	229.2	128.0	-5.0	-76.7
	172	1359.7	-163.9	192.7	-7.2	-47.6	0.0
	171	1506.0	-131.0	66.0	-20.7	-247.3	0.0
	101	-226.4	65.8	55.7	-16.1	-163.6	0.0
13	69	-63.0	68.1	230.0	128.4	-5.0	-77.4
	172	1354.4	-164.5	193.4	-7.2	-48.9	0.0
	171	1510.7	-131.4	66.2	-20.8	-248.6	0.0
	101	-223.8	65.9	55.8	-16.1	-164.3	0.0
14	69	-62.4	71.4	228.7	127.7	-5.0	-76.3
	172	1363.2	-163.5	192.2	-7.1	-46.7	0.0
	171	1502.9	-130.8	65.9	-20.7	-246.5	0.0
	101	-228.1	65.7	55.6	-16.0	-163.1	0.0
15	69	-63.0	68.1	230.0	128.4	-5.0	-77.4
	172	1354.4	-164.5	193.4	-7.2	-48.9	0.0
	171	1510.7	-131.4	66.2	-20.8	-248.6	0.0
	101	-223.8	65.9	55.8	-16.1	-164.3	0.0
16	69	-62.1	72.7	228.1	127.4	-5.0	-75.8
	172	1366.7	-163.2	191.8	-7.1	-45.8	0.0
	171	1499.8	-130.5	65.8	-20.6	-245.6	0.0
	101	-229.8	65.6	55.5	-16.0	-162.7	0.0
1	172	94.6	-768.1	217.3	-245.0	137.7	-4.2
	525	5269.9	-309.1	600.7	158.4	714.3	0.0
	524	240.7	-313.3	873.9	-98.9	288.6	0.0
	171	-3206.9	405.2	-109.2	-128.4	343.1	0.0
2	172	104.6	-902.0	249.2	-280.7	158.0	-8.5
	525	6032.0	-354.9	689.1	181.7	811.9	0.0
	524	327.2	-359.0	1001.9	-113.3	320.6	0.0
	171	-3685.3	464.6	-125.3	-147.1	392.4	0.0
3	172	43.3	-523.0	95.4	-204.6	66.3	16.4
	525	4111.9	-140.0	315.1	98.3	527.6	0.0
	524	121.6	-132.1	449.1	-59.9	244.6	0.0
	171	-2497.6	154.0	-123.4	-79.0	291.3	0.0
4	172	-42.5	-728.0	203.8	-226.7	131.1	31.6
	525	4216.3	-289.5	622.5	157.0	477.8	0.0
	524	456.2	-369.9	839.4	-101.7	207.1	0.0
	171	-2655.5	432.6	-102.7	-131.6	267.4	0.0
5	172	190.0	-273.1	-20.0	-158.0	-5.0	-23.7
	525	3870.8	19.8	-51.6	24.9	607.8	0.0
	524	-298.7	154.5	7.7	-7.1	274.9	0.0
	171	-2223.6	-160.6	-126.5	-12.3	305.4	0.0
6	172	230.0	-264.0	-10.6	-140.3	-1.3	-42.8
	525	3768.5	7.3	-58.7	20.6	626.8	0.0
	524	-324.3	162.4	19.7	-3.7	263.4	0.0
	171	-2146.7	-151.7	-108.6	-7.6	293.5	0.0
7	172	176.6	-492.6	126.8	-145.3	78.5	-47.2
	525	3771.0	-181.7	291.7	84.1	590.9	0.0

	524	36.3	-105.8	489.2	-48.5	206.3	0.0
	171	-2241.2	183.7	-63.6	-63.5	251.8	0.0
8	172	90.9	-697.6	235.2	-167.5	143.3	-31.9
	525	3875.3	-331.2	599.0	142.8	541.1	0.0
	524	370.9	-343.5	879.5	-90.3	168.8	0.0
	171	-2399.1	462.2	-43.0	-116.0	227.8	0.0
9	172	-95.8	-956.6	341.2	-231.8	210.9	27.2
	525	4218.8	-478.5	972.8	220.5	441.9	0.0
	524	816.8	-638.1	1308.9	-146.5	149.9	0.0
	171	-2750.0	767.9	-57.8	-187.4	225.7	0.0
10	172	-55.8	-947.4	350.6	-214.0	214.6	8.1
	525	4116.5	-491.0	965.8	216.2	460.9	0.0
	524	791.2	-630.2	1320.9	-143.1	138.4	0.0
	171	-2673.1	776.8	-39.8	-182.7	213.8	0.0
11	172	71.3	-596.0	166.6	-187.8	105.6	-4.4
	525	4038.0	-237.2	460.8	121.5	545.5	0.0
	524	201.2	-240.2	670.2	-75.8	218.0	0.0
	171	-2462.0	310.7	-83.8	-98.4	262.8	0.0
12	172	69.7	-601.3	166.1	-187.2	105.3	-5.7
	525	4021.4	-236.6	459.4	121.2	541.3	0.0
	524	218.1	-239.3	668.0	-75.5	213.7	0.0
	171	-2456.9	309.8	-83.6	-98.1	261.6	0.0
13	172	71.3	-596.0	166.6	-187.8	105.6	-4.4
	525	4038.0	-237.2	460.8	121.5	545.5	0.0
	524	201.2	-240.2	670.2	-75.8	218.0	0.0
	171	-2462.0	310.7	-83.8	-98.4	262.8	0.0
14	172	68.7	-604.9	165.8	-186.7	105.1	-6.5
	525	4010.3	-236.2	458.4	120.9	538.5	0.0
	524	229.4	-238.7	666.5	-75.4	210.9	0.0
	171	-2453.5	309.1	-83.4	-97.9	260.8	0.0
15	172	71.3	-596.0	166.6	-187.8	105.6	-4.4
	525	4038.0	-237.2	460.8	121.5	545.5	0.0
	524	201.2	-240.2	670.2	-75.8	218.0	0.0
	171	-2462.0	310.7	-83.8	-98.4	262.8	0.0
16	172	67.6	-608.5	165.5	-186.3	104.9	-7.4
	525	3999.2	-235.8	457.5	120.7	535.7	0.0
	524	240.6	-238.1	665.0	-75.2	208.1	0.0
	171	-2450.1	308.5	-83.2	-97.6	260.0	0.0
1	102	-92.1	658.7	146.6	74.0	37.4	128.0
	173	2675.3	-251.8	160.9	37.0	239.6	0.0
	172	731.1	-235.0	291.8	-3.2	50.0	0.0
	69	-542.9	340.2	203.5	7.7	-55.3	0.0
2	102	-108.3	751.5	168.4	85.1	42.8	145.7
	173	3073.0	-288.4	184.7	42.4	273.0	0.0
	172	859.8	-269.7	334.3	-3.8	53.9	0.0
	69	-620.2	389.7	233.1	8.7	-65.4	0.0
3	102	-29.9	567.4	63.3	-34.2	33.1	92.8
	173	2114.7	-125.2	133.7	33.4	174.6	0.0
	172	477.5	-70.2	207.8	-8.7	41.7	0.0
	69	-452.9	175.3	36.7	-3.6	-49.8	0.0
4	102	-85.8	449.0	203.5	126.1	41.4	88.2
	173	2165.2	-322.2	166.1	31.1	161.2	0.0
	172	634.9	-236.5	306.0	-2.1	28.0	0.0
	69	-523.0	398.3	293.2	26.8	-57.8	0.0
5	102	24.6	697.0	-115.4	-213.7	17.0	102.1
	173	1986.4	127.5	76.7	33.2	198.6	0.0
	172	312.2	105.9	68.4	-14.5	56.9	0.0
	69	-316.5	-104.9	-269.9	-43.2	-34.0	0.0
6	102	15.3	689.8	-128.3	-207.3	11.7	105.4
	173	1926.8	147.0	60.3	30.7	205.9	0.0
	172	328.0	90.5	47.1	-12.8	56.3	0.0
	69	-269.7	-122.1	-276.2	-46.8	-28.4	0.0
7	102	-60.9	543.2	20.3	-12.9	15.1	103.9
	173	1916.2	-60.0	79.0	25.0	198.9	0.0
	172	530.1	-121.5	137.0	-3.1	39.5	0.0
	69	-296.9	118.1	15.8	-15.5	-31.2	0.0
8	102	-116.8	424.9	160.5	147.3	23.5	99.3
	173	1966.7	-257.0	111.5	22.6	185.5	0.0
	172	687.5	-287.8	235.3	3.6	25.8	0.0
	69	-367.0	341.1	272.3	14.9	-39.2	0.0
9	102	-162.0	302.5	352.1	320.4	44.9	86.7
	173	2154.6	-529.3	184.9	25.4	154.2	0.0
	172	837.0	-448.4	395.9	7.7	11.3	0.0

	69	-550.2	638.5	585.2	58.1	-60.6	0.0
10	102	-171.3	295.2	339.1	326.8	39.5	90.0
	173	2095.0	-509.7	168.5	22.8	161.5	0.0
	172	852.8	-463.8	374.7	9.4	10.6	0.0
	69	-503.5	621.3	578.9	54.6	-55.0	0.0
11	102	-71.5	503.9	112.5	56.9	28.6	97.8
	173	2053.4	-193.0	123.5	28.4	183.2	0.0
	172	567.6	-180.3	223.7	-2.5	37.2	0.0
	69	-415.6	260.8	156.0	5.8	-43.0	0.0
12	102	-72.2	501.0	112.3	56.7	28.5	97.2
	173	2048.6	-192.3	123.1	28.2	182.0	0.0
	172	573.2	-179.8	222.9	-2.5	35.9	0.0
	69	-413.5	259.8	155.4	5.8	-43.6	0.0
13	102	-71.5	503.9	112.5	56.9	28.6	97.8
	173	2053.4	-193.0	123.5	28.4	183.2	0.0
	172	567.6	-180.3	223.7	-2.5	37.2	0.0
	69	-415.6	260.8	156.0	5.8	-43.0	0.0
14	102	-72.6	499.1	112.1	56.7	28.4	96.7
	173	2045.5	-191.8	122.9	28.2	181.2	0.0
	172	576.9	-179.5	222.3	-2.5	35.1	0.0
	69	-412.1	259.2	155.0	5.7	-44.0	0.0
15	102	-71.5	503.9	112.5	56.9	28.6	97.8
	173	2053.4	-193.0	123.5	28.4	183.2	0.0
	172	567.6	-180.3	223.7	-2.5	37.2	0.0
	69	-415.6	260.8	156.0	5.8	-43.0	0.0
16	102	-73.1	497.1	112.0	56.6	28.3	96.3
	173	2042.3	-191.4	122.7	28.1	180.4	0.0
	172	580.6	-179.1	221.8	-2.5	34.2	0.0
	69	-410.7	258.5	154.7	5.7	-44.3	0.0
1	173	-383.1	-2068.1	250.9	-155.7	154.0	-288.3
	526	981.7	-319.8	772.1	144.9	-316.1	0.0
	525	4339.1	-163.4	552.2	-122.0	-721.4	0.0
	172	-1717.1	232.3	-299.0	-125.1	19.4	0.0
2	173	-437.2	-2371.6	287.6	-178.7	176.5	-329.1
	526	1183.1	-366.8	884.9	166.2	-352.4	0.0
	525	4957.7	-187.2	633.6	-139.8	-820.1	0.0
	172	-1997.3	266.4	-342.6	-143.5	26.0	0.0
3	173	-330.8	-1590.7	123.7	-132.4	88.8	-201.9
	526	642.1	-148.3	441.5	80.9	-280.8	0.0
	525	3363.1	-99.2	297.7	-77.1	-531.9	0.0
	172	-1177.2	99.8	-208.4	-70.5	2.3	0.0
4	173	-414.0	-1713.2	226.0	-160.2	158.4	-175.7
	526	872.8	-302.3	772.5	153.8	-246.4	0.0
	525	3456.1	-181.2	518.9	-119.4	-480.4	0.0
	172	-1324.6	233.3	-313.8	-131.4	-12.3	0.0
5	173	-175.1	-1392.3	15.5	-80.5	2.9	-252.6
	526	415.0	18.9	40.9	-9.0	-295.8	0.0
	525	3161.9	7.7	48.0	-23.8	-615.5	0.0
	172	-1068.2	-48.9	-61.6	4.7	36.5	0.0
6	173	-124.9	-1344.8	25.0	-63.9	-1.1	-269.7
	526	451.0	8.1	28.5	-13.3	-274.4	0.0
	525	3082.5	17.4	55.2	-20.4	-635.6	0.0
	172	-1122.1	-42.9	-41.2	8.2	51.1	0.0
7	173	-163.5	-1432.2	155.3	-77.0	75.6	-259.2
	526	762.0	-184.2	400.4	66.7	-209.3	0.0
	525	3098.5	-66.9	321.7	-65.9	-599.0	0.0
	172	-1356.9	120.0	-140.3	-58.9	51.2	0.0
8	173	-246.8	-1554.7	257.6	-104.8	145.3	-233.0
	526	992.6	-338.3	731.4	139.5	-175.0	0.0
	525	3191.5	-148.8	542.9	-108.3	-547.5	0.0
	172	-1504.2	253.5	-245.7	-119.8	36.6	0.0
9	173	-452.6	-1800.6	356.3	-173.3	235.1	-165.2
	526	1183.8	-494.6	1144.4	233.8	-181.3	0.0
	525	3472.1	-265.5	785.4	-164.9	-443.8	0.0
	172	-1559.3	396.1	-412.9	-198.5	-12.3	0.0
10	173	-402.5	-1753.1	365.8	-156.7	231.2	-182.3
	526	1219.7	-505.4	1132.1	229.5	-159.9	0.0
	525	3392.7	-255.8	792.6	-161.6	-463.9	0.0
	172	-1613.2	402.2	-392.5	-195.0	2.4	0.0
11	173	-293.1	-1586.1	192.4	-119.5	118.1	-220.6
	526	771.5	-245.3	592.0	111.1	-239.2	0.0
	525	3321.9	-125.2	423.6	-93.6	-550.9	0.0
	172	-1326.0	178.1	-229.2	-95.9	16.1	0.0

12	173	-291.5	-1581.1	191.7	-119.1	117.7	-219.4
	526	788.7	-244.5	589.9	110.8	-234.9	0.0
	525	3305.2	-124.8	422.4	-93.2	-546.7	0.0
	172	-1331.5	177.6	-228.4	-95.6	17.3	0.0
13	173	-293.1	-1586.1	192.4	-119.5	118.1	-220.6
	526	771.5	-245.3	592.0	111.1	-239.2	0.0
	525	3321.9	-125.2	423.6	-93.6	-550.9	0.0
	172	-1326.0	178.1	-229.2	-95.9	16.1	0.0
14	173	-290.4	-1577.7	191.3	-118.9	117.4	-218.6
	526	800.2	-244.0	588.5	110.6	-232.1	0.0
	525	3294.0	-124.5	421.5	-93.0	-543.9	0.0
	172	-1335.2	177.2	-227.9	-95.4	18.2	0.0
15	173	-293.1	-1586.1	192.4	-119.5	118.1	-220.6
	526	771.5	-245.3	592.0	111.1	-239.2	0.0
	525	3321.9	-125.2	423.6	-93.6	-550.9	0.0
	172	-1326.0	178.1	-229.2	-95.9	16.1	0.0
16	173	-289.3	-1574.4	190.9	-118.7	117.2	-217.8
	526	811.6	-243.5	587.2	110.4	-229.3	0.0
	525	3282.9	-124.2	420.7	-92.8	-541.1	0.0
	172	-1338.9	176.8	-227.3	-95.2	19.0	0.0
1	70	-329.8	-1.4	324.4	153.3	-5.1	2.6
	174	1202.6	-198.0	292.6	-6.3	-66.5	0.0
	173	2047.8	-254.4	160.7	-45.6	-234.0	0.0
	102	273.3	128.1	72.0	-37.8	-191.8	0.0
2	70	-378.5	4.0	371.7	175.7	-5.8	4.6
	174	1404.3	-226.9	335.3	-7.2	-72.5	0.0
	173	2349.1	-291.8	184.3	-52.2	-266.5	0.0
	102	306.6	147.0	82.7	-43.4	-219.0	0.0
3	70	-207.0	1.4	180.9	23.6	7.8	-18.0
	174	971.2	-97.8	210.5	3.5	-61.5	0.0
	173	1572.0	-142.0	129.6	-37.4	-201.1	0.0
	102	162.9	52.4	-24.0	-29.5	-156.5	0.0
4	70	-275.7	-81.1	366.2	196.8	1.7	1.8
	174	1036.7	-283.8	298.7	-5.7	-47.4	0.0
	173	1644.9	-291.4	189.3	-39.1	-178.6	0.0
	102	110.2	202.5	160.3	-15.8	-147.0	0.0
5	70	-133.7	129.7	-54.4	-174.2	8.9	-32.7
	174	854.1	147.6	84.9	11.6	-71.9	0.0
	173	1451.8	48.7	34.0	-32.8	-217.5	0.0
	102	268.5	-143.7	-248.4	-49.7	-162.6	0.0
6	70	-139.6	157.1	-70.8	-170.5	3.7	-25.4
	174	819.1	171.9	65.5	9.4	-66.9	0.0
	173	1421.7	62.6	11.7	-30.6	-209.0	0.0
	102	306.3	-161.6	-256.3	-53.3	-158.4	0.0
7	70	-226.7	92.9	126.4	36.0	-9.4	6.2
	174	854.7	-16.8	145.8	-3.9	-44.6	0.0
	173	1471.6	-95.6	55.3	-30.1	-172.8	0.0
	102	288.8	-7.4	-50.6	-41.7	-142.4	0.0
8	70	-295.4	10.4	311.7	209.3	-15.5	26.0
	174	920.2	-202.9	234.0	-13.0	-30.5	0.0
	173	1544.6	-245.1	114.9	-31.9	-150.2	0.0
	102	236.1	142.8	133.8	-28.0	-132.9	0.0
9	70	-362.8	-145.3	563.4	403.4	-11.4	33.4
	174	1072.3	-472.6	378.9	-18.9	-25.1	0.0
	173	1694.9	-449.6	232.9	-38.6	-142.4	0.0
	102	92.8	356.8	366.0	-4.2	-131.0	0.0
10	70	-368.8	-117.8	547.0	407.1	-16.6	40.7
	174	1037.3	-448.3	359.6	-21.1	-20.0	0.0
	173	1664.8	-435.7	210.6	-36.4	-133.9	0.0
	102	130.5	338.8	358.1	-7.8	-126.8	0.0
11	70	-253.0	0.8	248.7	117.6	-3.9	2.5
	174	930.5	-151.8	224.3	-4.8	-49.8	0.0
	173	1570.8	-195.2	123.3	-35.0	-178.9	0.0
	102	207.4	98.3	55.3	-29.0	-146.8	0.0
12	70	-252.4	2.7	247.8	117.1	-3.9	3.1
	174	936.2	-151.2	223.5	-4.8	-48.4	0.0
	173	1566.1	-194.5	122.9	-34.8	-177.7	0.0
	102	204.4	98.0	55.1	-28.9	-146.0	0.0
13	70	-253.0	0.8	248.7	117.6	-3.9	2.5
	174	930.5	-151.8	224.3	-4.8	-49.8	0.0
	173	1570.8	-195.2	123.3	-35.0	-178.9	0.0
	102	207.4	98.3	55.3	-29.0	-146.8	0.0
14	70	-251.9	4.0	247.2	116.9	-3.9	3.4

	174	940.0	-150.9	223.0	-4.8	-47.4	0.0
	173	1563.0	-194.1	122.6	-34.7	-176.9	0.0
	102	202.5	97.8	55.0	-28.8	-145.5	0.0
15	70	-253.0	0.8	248.7	117.6	-3.9	2.5
	174	930.5	-151.8	224.3	-4.8	-49.8	0.0
	173	1570.8	-195.2	123.3	-35.0	-178.9	0.0
	102	207.4	98.3	55.3	-29.0	-146.8	0.0
16	70	-251.4	5.3	246.6	116.6	-3.9	3.8
	174	943.8	-150.5	222.5	-4.8	-46.5	0.0
	173	1559.8	-193.7	122.4	-34.7	-176.1	0.0
	102	200.5	97.6	54.9	-28.8	-145.0	0.0
1	174	-109.7	-869.7	212.1	-285.5	120.4	21.7
	527	4736.8	-197.7	528.1	136.5	663.2	0.0
	526	323.5	-269.7	764.7	-122.3	327.6	0.0
	173	-2655.0	255.3	-165.9	-145.4	282.6	0.0
2	174	-130.0	-1018.9	243.2	-327.1	138.1	21.0
	527	5419.0	-227.1	605.5	156.6	753.1	0.0
	526	422.3	-308.8	876.4	-140.1	365.4	0.0
	173	-3050.5	292.7	-190.3	-166.7	322.6	0.0
3	174	-116.8	-681.8	92.9	-209.5	74.1	30.2
	527	3865.4	-108.0	302.6	90.1	555.4	0.0
	526	211.1	-131.0	422.1	-67.3	278.6	0.0
	173	-2123.2	127.3	-129.2	-83.5	211.9	0.0
4	174	-228.1	-860.3	191.9	-291.6	122.5	39.0
	527	3666.4	-150.1	540.2	132.3	489.0	0.0
	526	525.4	-304.5	714.4	-132.6	243.3	0.0
	173	-2189.7	243.2	-194.1	-151.9	178.1	0.0
5	174	71.7	-415.4	-9.3	-90.1	13.0	4.0
	527	3971.8	-74.1	11.5	35.8	614.0	0.0
	526	-196.7	80.8	90.0	13.8	302.6	0.0
	173	-1954.5	-1.9	-28.8	1.3	264.1	0.0
6	174	122.0	-365.6	2.0	-69.8	9.0	-9.7
	527	3864.0	-87.1	-0.4	31.4	597.8	0.0
	526	-232.0	88.7	97.6	18.1	287.8	0.0
	173	-1876.4	3.4	-7.6	5.7	274.9	0.0
7	174	50.9	-515.9	130.6	-142.0	60.7	-15.5
	527	3505.9	-151.4	262.9	75.4	501.4	0.0
	526	93.6	-104.4	447.5	-53.1	229.5	0.0
	173	-1862.9	144.7	-58.5	-69.0	248.0	0.0
8	174	-60.4	-694.4	229.5	-224.1	109.1	-6.7
	527	3306.8	-193.6	500.5	117.6	434.9	0.0
	526	407.9	-277.9	739.7	-118.4	194.2	0.0
	173	-1929.4	260.7	-123.3	-137.4	214.2	0.0
9	174	-299.2	-1010.5	320.5	-363.7	174.2	33.2
	527	3308.3	-214.5	803.5	176.4	392.5	0.0
	526	851.0	-497.6	1064.2	-203.8	184.9	0.0
	173	-2176.2	384.6	-245.0	-226.6	151.2	0.0
10	174	-248.9	-960.8	331.8	-343.5	170.2	19.5
	527	3200.4	-227.5	791.6	172.0	376.3	0.0
	526	815.7	-489.6	1071.8	-199.5	170.2	0.0
	173	-2098.1	389.9	-223.8	-222.2	162.1	0.0
11	174	-85.5	-674.0	162.7	-218.9	92.4	15.4
	527	3628.6	-151.8	405.0	104.7	506.2	0.0
	526	264.8	-206.7	586.3	-93.8	247.9	0.0
	173	-2038.1	195.8	-127.3	-111.5	216.3	0.0
12	174	-86.7	-679.3	162.1	-218.1	92.1	14.0
	527	3612.7	-151.4	403.7	104.4	502.1	0.0
	526	281.5	-205.8	584.3	-93.4	243.6	0.0
	173	-2033.7	195.1	-126.9	-111.1	215.1	0.0
13	174	-85.5	-674.0	162.7	-218.9	92.4	15.4
	527	3628.6	-151.8	405.0	104.7	506.2	0.0
	526	264.8	-206.7	586.3	-93.8	247.9	0.0
	173	-2038.1	195.8	-127.3	-111.5	216.3	0.0
14	174	-87.4	-682.8	161.8	-217.6	91.9	13.1
	527	3602.0	-151.2	402.8	104.2	499.3	0.0
	526	292.7	-205.3	582.9	-93.2	240.7	0.0
	173	-2030.7	194.7	-126.6	-110.8	214.3	0.0
15	174	-85.5	-674.0	162.7	-218.9	92.4	15.4
	527	3628.6	-151.8	405.0	104.7	506.2	0.0
	526	264.8	-206.7	586.3	-93.8	247.9	0.0
	173	-2038.1	195.8	-127.3	-111.5	216.3	0.0
16	174	-88.2	-686.3	161.4	-217.1	91.7	12.2
	527	3591.4	-150.9	402.0	104.0	496.5	0.0

	526	303.9	-204.7	581.6	-93.0	237.8	0.0
	173	-2027.8	194.2	-126.4	-110.6	213.5	0.0
1	103	-187.5	506.6	130.5	47.2	35.5	155.8
	175	2235.4	-229.7	179.1	40.8	249.8	0.0
	174	937.4	-212.9	289.2	-0.7	51.7	0.0
	70	-157.2	312.0	148.3	-1.2	-13.8	0.0
2	103	-218.0	575.5	149.9	54.2	40.6	177.5
	175	2566.3	-263.0	205.5	46.6	284.9	0.0
	174	1098.2	-244.2	331.3	-0.9	55.7	0.0
	70	-176.0	357.3	169.7	-1.5	-17.4	0.0
3	103	-129.6	405.4	64.8	-20.3	33.6	110.7
	175	1872.9	-139.5	139.8	35.4	204.5	0.0
	174	674.6	-110.5	211.7	-7.7	42.9	0.0
	70	-236.0	181.2	39.6	-4.0	-18.7	0.0
4	103	-205.2	269.9	186.4	103.8	39.9	114.9
	175	1778.4	-305.5	196.5	37.7	189.8	0.0
	174	859.5	-259.7	317.4	0.8	32.5	0.0
	70	-189.5	374.8	227.5	14.2	-15.6	0.0
5	103	-26.7	592.2	-95.4	-169.2	19.4	108.9
	175	1897.6	87.9	51.4	28.8	215.3	0.0
	174	441.0	79.8	56.8	-15.7	53.0	0.0
	70	-221.3	-73.5	-194.4	-29.5	-19.0	0.0
6	103	-14.0	616.8	-111.0	-172.7	13.4	111.4
	175	1824.3	117.0	32.4	25.4	209.8	0.0
	174	425.7	93.7	29.8	-14.0	51.3	0.0
	70	-162.2	-98.4	-207.1	-33.2	-16.2	0.0
7	103	-87.3	487.3	12.7	-31.8	13.8	119.2
	175	1628.6	-42.8	76.2	24.0	186.4	0.0
	174	623.6	-64.2	121.6	-2.1	37.2	0.0
	70	-39.0	98.5	-2.7	-16.3	-9.2	0.0
8	103	-162.9	351.7	134.3	92.4	20.0	123.4
	175	1534.1	-208.8	132.9	26.3	171.7	0.0
	174	808.5	-213.5	227.3	6.4	26.8	0.0
	70	7.4	292.0	185.1	1.9	-6.1	0.0
9	103	-278.5	140.4	310.0	244.7	40.3	122.7
	175	1582.7	-465.3	240.3	36.3	166.3	0.0
	174	1057.4	-417.6	409.1	12.7	18.4	0.0
	70	-66.3	571.6	431.9	31.1	-8.6	0.0
10	103	-265.8	164.9	294.4	241.3	34.3	125.2
	175	1509.4	-436.3	221.2	32.9	160.9	0.0
	174	1042.1	-403.8	382.1	14.4	16.7	0.0
	70	-7.3	546.8	419.2	27.4	-5.8	0.0
11	103	-144.7	386.8	100.2	36.3	27.2	119.1
	175	1715.3	-176.0	137.4	31.2	191.1	0.0
	174	726.5	-163.3	221.7	-0.6	38.5	0.0
	70	-119.2	239.1	113.6	-1.0	-11.1	0.0
12	103	-145.3	383.7	99.9	36.2	27.1	118.3
	175	1710.9	-175.3	137.0	31.1	189.9	0.0
	174	732.1	-162.8	220.8	-0.6	37.1	0.0
	70	-117.3	238.2	113.2	-1.0	-11.6	0.0
13	103	-144.7	386.8	100.2	36.3	27.2	119.1
	175	1715.3	-176.0	137.4	31.2	191.1	0.0
	174	726.5	-163.3	221.7	-0.6	38.5	0.0
	70	-119.2	239.1	113.6	-1.0	-11.1	0.0
14	103	-145.7	381.6	99.8	36.1	27.0	117.8
	175	1707.9	-174.9	136.7	31.0	189.2	0.0
	174	735.9	-162.5	220.3	-0.6	36.2	0.0
	70	-116.1	237.6	112.8	-1.0	-11.9	0.0
15	103	-144.7	386.8	100.2	36.3	27.2	119.1
	175	1715.3	-176.0	137.4	31.2	191.1	0.0
	174	726.5	-163.3	221.7	-0.6	38.5	0.0
	70	-119.2	239.1	113.6	-1.0	-11.1	0.0
16	103	-146.1	379.6	99.6	36.0	26.9	117.3
	175	1705.0	-174.4	136.5	30.9	188.4	0.0
	174	739.7	-162.1	219.7	-0.6	35.3	0.0
	70	-114.9	236.9	112.5	-1.0	-12.2	0.0
1	175	-528.1	-2153.5	223.9	-173.0	143.4	-258.1
	528	704.3	-275.7	708.8	131.1	-295.2	0.0
	527	4255.2	-146.9	521.2	-122.2	-645.5	0.0
	174	-1270.3	198.8	-296.3	-113.4	-6.9	0.0
2	175	-602.2	-2469.8	256.6	-198.4	164.4	-295.1
	528	864.3	-316.2	812.1	150.3	-328.2	0.0

	527	4860.9	-168.3	597.8	-140.0	-733.2	0.0
	174	-1483.5	227.9	-339.4	-130.0	-4.2	0.0
3	175	-467.3	-1757.9	112.1	-138.9	87.5	-186.7
	528	449.8	-125.5	426.2	76.2	-272.3	0.0
	527	3508.0	-98.7	300.9	-82.2	-541.3	0.0
	174	-1052.7	107.2	-211.6	-70.7	-14.7	0.0
4	175	-518.7	-1819.6	194.7	-191.3	149.4	-166.5
	528	660.9	-261.1	717.4	140.4	-225.8	0.0
	527	3354.8	-152.6	509.5	-120.5	-477.9	0.0
	174	-1111.7	213.5	-323.4	-118.2	-21.7	0.0
5	175	-340.4	-1580.4	27.3	-54.4	8.5	-223.2
	528	238.8	21.2	62.9	-4.7	-300.4	0.0
	527	3533.6	-25.9	51.5	-31.4	-596.0	0.0
	174	-925.7	-23.3	-51.4	-9.4	5.7	0.0
6	175	-283.0	-1489.9	37.3	-34.3	2.8	-234.4
	528	269.0	11.4	42.7	-9.8	-278.0	0.0
	527	3402.4	-17.4	46.3	-26.3	-579.6	0.0
	174	-875.9	-28.9	-25.9	-4.4	16.3	0.0
7	175	-276.1	-1456.3	145.4	-72.0	68.5	-223.8
	528	550.4	-158.2	358.9	59.0	-197.6	0.0
	527	3070.6	-70.4	283.5	-65.0	-486.5	0.0
	174	-886.6	88.6	-126.5	-54.1	20.5	0.0
8	175	-327.6	-1518.0	228.1	-124.4	130.4	-203.5
	528	761.4	-293.8	650.1	123.2	-151.1	0.0
	527	2917.5	-124.3	492.0	-103.4	-423.1	0.0
	174	-945.6	194.9	-238.2	-101.7	13.5	0.0
9	175	-511.8	-1786.0	302.8	-228.9	215.1	-155.9
	528	942.3	-430.7	1033.6	209.2	-145.4	0.0
	527	3023.0	-205.6	746.7	-159.2	-384.8	0.0
	174	-1122.4	331.0	-424.0	-167.9	-17.5	0.0
10	175	-454.5	-1695.5	312.8	-208.9	209.4	-167.0
	528	972.4	-440.5	1013.4	204.0	-123.0	0.0
	527	2891.8	-197.1	741.4	-154.1	-368.4	0.0
	174	-1072.6	325.4	-398.4	-163.0	-7.0	0.0
11	175	-403.9	-1651.7	171.7	-132.7	110.0	-197.7
	528	558.5	-211.5	543.4	100.5	-223.0	0.0
	527	3257.3	-112.6	399.8	-93.7	-492.8	0.0
	174	-982.9	152.4	-227.1	-86.9	-4.1	0.0
12	175	-401.5	-1646.5	171.1	-132.3	109.6	-196.7
	528	576.2	-210.8	541.4	100.2	-218.8	0.0
	527	3240.6	-112.2	398.5	-93.3	-488.8	0.0
	174	-989.0	151.9	-226.3	-86.7	-2.8	0.0
13	175	-403.9	-1651.7	171.7	-132.7	110.0	-197.7
	528	558.5	-211.5	543.4	100.5	-223.0	0.0
	527	3257.3	-112.6	399.8	-93.7	-492.8	0.0
	174	-982.9	152.4	-227.1	-86.9	-4.1	0.0
14	175	-399.9	-1643.1	170.7	-132.0	109.3	-196.1
	528	588.0	-210.3	540.1	100.0	-215.9	0.0
	527	3229.5	-111.9	397.7	-93.1	-486.2	0.0
	174	-993.1	151.6	-225.7	-86.5	-1.9	0.0
15	175	-403.9	-1651.7	171.7	-132.7	110.0	-197.7
	528	558.5	-211.5	543.4	100.5	-223.0	0.0
	527	3257.3	-112.6	399.8	-93.7	-492.8	0.0
	174	-982.9	152.4	-227.1	-86.9	-4.1	0.0
16	175	-398.2	-1639.7	170.3	-131.8	109.1	-195.4
	528	599.7	-209.9	538.8	99.8	-213.1	0.0
	527	3218.3	-111.6	396.9	-92.9	-483.5	0.0
	174	-997.1	151.2	-225.2	-86.3	-1.1	0.0
1	71	-388.1	-75.4	282.7	115.2	0.1	8.7
	176	1011.5	-174.8	289.7	8.6	-89.6	0.0
	175	2132.1	-219.4	160.1	-45.2	-230.6	0.0
	103	453.8	111.5	26.4	-44.5	-188.2	0.0
2	71	-444.5	-82.2	323.9	131.8	0.1	11.4
	176	1183.2	-200.0	331.9	9.8	-97.8	0.0
	175	2447.7	-251.6	183.5	-51.8	-263.1	0.0
	103	515.3	127.8	30.3	-51.0	-213.7	0.0
3	71	-295.0	-109.3	172.0	34.7	12.1	-13.2
	176	846.9	-113.4	211.0	14.9	-91.5	0.0
	175	1698.9	-127.6	135.5	-37.0	-201.2	0.0
	103	271.7	67.2	-19.3	-30.5	-163.5	0.0
4	71	-335.8	-178.2	339.1	175.7	5.1	3.7
	176	885.4	-266.5	311.8	8.4	-61.4	0.0
	175	1756.9	-265.2	201.1	-39.7	-181.0	0.0

	103	246.8	190.8	111.1	-26.9	-138.0	0.0
5	71	-232.7	35.4	-51.6	-142.5	14.1	-23.7
	176	754.3	105.5	64.5	18.9	-116.7	0.0
	175	1559.1	53.7	26.3	-31.0	-212.5	0.0
	103	356.5	-108.0	-189.5	-38.2	-186.0	0.0
6	71	-220.1	90.4	-76.2	-153.3	9.0	-15.9
	176	713.3	140.0	39.6	15.7	-108.1	0.0
	175	1497.2	71.4	-1.6	-28.6	-202.0	0.0
	103	404.3	-134.6	-205.0	-41.2	-179.9	0.0
7	71	-253.0	74.2	90.0	-1.2	-5.0	13.0
	176	710.4	1.7	128.0	4.4	-62.8	0.0
	175	1492.6	-68.5	42.3	-28.9	-166.3	0.0
	103	430.8	-21.3	-70.9	-40.7	-143.0	0.0
8	71	-293.8	5.2	257.1	139.8	-11.9	29.9
	176	748.9	-151.4	228.8	-2.1	-32.6	0.0
	175	1550.5	-206.2	108.0	-31.6	-146.2	0.0
	103	405.9	102.3	59.4	-37.1	-117.6	0.0
9	71	-368.7	-194.5	505.3	327.8	-8.9	32.6
	176	882.5	-404.8	400.2	-2.9	-16.1	0.0
	175	1752.2	-405.2	245.1	-40.1	-145.3	0.0
	103	273.4	304.0	245.1	-26.3	-101.1	0.0
10	71	-356.2	-139.5	480.7	317.0	-14.0	40.4
	176	841.5	-370.3	375.3	-6.0	-7.5	0.0
	175	1690.3	-387.4	217.1	-37.6	-134.9	0.0
	103	321.1	277.5	229.6	-29.4	-95.0	0.0
11	71	-297.5	-56.4	216.7	88.3	0.1	7.1
	176	783.3	-133.9	222.1	6.6	-67.1	0.0
	175	1636.1	-168.3	122.7	-34.6	-176.4	0.0
	103	346.4	85.5	20.3	-34.1	-143.7	0.0
12	71	-296.3	-54.8	215.9	87.9	0.1	7.6
	176	788.8	-133.4	221.2	6.5	-65.2	0.0
	175	1631.8	-167.8	122.4	-34.5	-175.4	0.0
	103	343.6	85.2	20.2	-34.0	-142.5	0.0
13	71	-297.5	-56.4	216.7	88.3	0.1	7.1
	176	783.3	-133.9	222.1	6.6	-67.1	0.0
	175	1636.1	-168.3	122.7	-34.6	-176.4	0.0
	103	346.4	85.5	20.3	-34.1	-143.7	0.0
14	71	-295.6	-53.7	215.4	87.6	0.1	7.9
	176	792.4	-133.0	220.7	6.5	-64.0	0.0
	175	1629.0	-167.4	122.1	-34.4	-174.7	0.0
	103	341.7	85.0	20.1	-33.9	-141.7	0.0
15	71	-297.5	-56.4	216.7	88.3	0.1	7.1
	176	783.3	-133.9	222.1	6.6	-67.1	0.0
	175	1636.1	-168.3	122.7	-34.6	-176.4	0.0
	103	346.4	85.5	20.3	-34.1	-143.7	0.0
16	71	-294.8	-52.6	214.8	87.4	0.1	8.2
	176	796.1	-132.6	220.2	6.4	-62.7	0.0
	175	1626.1	-167.0	121.8	-34.3	-174.0	0.0
	103	339.8	84.8	20.1	-33.8	-140.9	0.0
1	176	-102.1	-1046.9	195.6	-283.6	118.1	-52.7
	529	4234.2	-160.0	487.8	119.4	588.8	0.0
	528	562.3	-260.8	719.5	-125.2	249.2	0.0
	175	-2214.0	225.2	-166.2	-139.0	239.0	0.0
2	176	-120.6	-1221.5	224.3	-324.9	135.3	-63.8
	529	4843.3	-184.0	559.3	137.0	669.0	0.0
	528	694.4	-298.4	824.4	-143.4	276.2	0.0
	175	-2544.3	258.0	-190.6	-159.2	273.2	0.0
3	176	-111.5	-889.3	84.4	-211.5	79.2	-32.1
	529	3558.6	-81.3	294.0	81.4	497.4	0.0
	528	424.6	-135.4	428.4	-75.6	216.0	0.0
	175	-1899.5	117.9	-135.6	-86.3	206.7	0.0
4	176	-185.6	-1013.9	175.2	-307.6	122.0	-36.5
	529	3320.0	-115.6	506.3	118.8	441.9	0.0
	528	679.1	-283.0	702.8	-137.5	180.6	0.0
	175	-1796.0	207.8	-205.4	-148.0	181.7	0.0
5	176	21.6	-653.2	-8.4	-68.3	21.6	-33.9
	529	3672.8	-57.9	25.8	31.3	541.5	0.0
	528	83.6	44.9	94.8	4.7	242.8	0.0
	175	-1909.9	18.9	-23.3	-6.3	226.4	0.0
6	176	61.6	-575.5	3.0	-41.7	15.0	-39.9
	529	3532.1	-72.2	8.3	25.8	523.8	0.0
	528	45.8	52.0	83.3	11.7	230.4	0.0
	175	-1815.4	23.7	3.1	0.7	218.3	0.0

7	176	21.8	-630.3	122.3	-122.8	57.3	-51.9
	529	3089.5	-128.9	235.5	63.1	438.3	0.0
	528	298.7	-112.0	389.8	-52.5	174.6	0.0
	175	-1584.5	134.2	-47.5	-63.0	179.8	0.0
8	176	-52.3	-755.0	213.1	-218.9	100.1	-56.3
	529	2850.8	-163.2	447.8	100.5	382.8	0.0
	528	553.2	-259.5	664.1	-114.4	139.2	0.0
	175	-1481.0	224.0	-117.3	-124.7	154.8	0.0
9	176	-225.4	-1068.7	294.5	-388.7	164.3	-48.6
	529	2877.4	-172.2	733.5	156.0	356.4	0.0
	528	931.9	-447.0	1009.3	-201.6	124.8	0.0
	175	-1565.1	318.2	-256.0	-211.7	143.1	0.0
10	176	-185.5	-991.0	305.9	-362.1	157.7	-54.5
	529	2736.7	-186.5	715.9	150.5	338.6	0.0
	528	894.2	-439.9	997.7	-194.7	112.4	0.0
	175	-1470.6	323.1	-229.5	-204.7	135.0	0.0
11	176	-79.5	-809.7	150.0	-217.4	90.5	-41.5
	529	3243.3	-122.9	374.1	91.6	449.5	0.0
	528	447.3	-199.8	551.6	-96.0	188.0	0.0
	175	-1699.7	172.6	-127.5	-106.5	183.0	0.0
12	176	-80.4	-814.4	149.5	-216.6	90.2	-42.5
	529	3228.9	-122.6	372.9	91.4	446.0	0.0
	528	462.9	-198.9	549.6	-95.6	184.1	0.0
	175	-1696.2	172.0	-127.1	-106.2	182.2	0.0
13	176	-79.5	-809.7	150.0	-217.4	90.5	-41.5
	529	3243.3	-122.9	374.1	91.6	449.5	0.0
	528	447.3	-199.8	551.6	-96.0	188.0	0.0
	175	-1699.7	172.6	-127.5	-106.5	183.0	0.0
14	176	-81.0	-817.5	149.2	-216.0	90.0	-43.2
	529	3219.2	-122.5	372.1	91.2	443.6	0.0
	528	473.3	-198.4	548.3	-95.3	181.5	0.0
	175	-1693.8	171.6	-126.8	-105.9	181.6	0.0
15	176	-79.5	-809.7	150.0	-217.4	90.5	-41.5
	529	3243.3	-122.9	374.1	91.6	449.5	0.0
	528	447.3	-199.8	551.6	-96.0	188.0	0.0
	175	-1699.7	172.6	-127.5	-106.5	183.0	0.0
16	176	-81.6	-820.6	148.9	-215.5	89.8	-43.9
	529	3209.6	-122.3	371.3	91.0	441.3	0.0
	528	483.7	-197.8	546.9	-95.1	178.9	0.0
	175	-1691.4	171.2	-126.6	-105.6	181.0	0.0
1	104	-24.1	532.4	84.3	-6.2	29.3	158.3
	177	2399.0	-143.6	157.0	34.5	389.6	0.0
	176	842.7	-185.5	259.0	-7.5	63.9	0.0
	71	-252.0	244.8	83.9	-11.9	84.4	0.0
2	104	-31.8	603.7	97.1	-6.9	33.5	179.9
	177	2747.2	-164.5	180.3	39.3	444.0	0.0
	176	993.2	-212.9	296.7	-8.6	68.8	0.0
	71	-280.0	280.3	96.0	-13.6	94.9	0.0
3	104	-10.3	382.8	40.7	-39.3	29.6	124.0
	177	2093.4	-98.4	122.3	34.7	330.4	0.0
	176	617.7	-101.1	196.2	-11.8	63.1	0.0
	71	-380.0	157.9	23.6	-9.4	77.9	0.0
4	104	-68.8	265.8	155.4	62.6	32.8	115.0
	177	1933.4	-228.2	185.9	29.0	301.4	0.0
	176	800.1	-249.1	302.8	-5.6	39.1	0.0
	71	-286.2	321.0	169.4	1.3	70.1	0.0
5	104	69.3	569.6	-116.5	-169.6	19.6	133.8
	177	2144.4	91.0	24.0	37.1	348.1	0.0
	176	380.5	95.4	34.9	-17.0	85.5	0.0
	71	-382.7	-70.1	-169.5	-25.4	78.5	0.0
6	104	78.9	612.9	-136.5	-179.3	14.2	133.1
	177	2028.0	123.7	3.4	33.5	334.3	0.0
	176	359.5	115.7	3.2	-15.2	80.6	0.0
	71	-291.1	-102.4	-189.3	-28.4	71.2	0.0
7	104	21.8	526.9	-26.1	-71.7	11.5	121.7
	177	1705.7	10.3	53.4	22.8	284.3	0.0
	176	547.9	-33.4	90.5	-5.8	46.9	0.0
	71	-74.9	50.2	-42.3	-19.5	53.6	0.0
8	104	-36.7	410.0	88.6	30.3	14.6	112.6
	177	1545.7	-119.5	117.0	17.1	255.3	0.0
	176	730.3	-181.5	197.1	0.4	22.9	0.0
	71	18.9	213.3	103.5	-8.8	45.8	0.0
9	104	-125.9	179.9	265.8	170.3	30.1	103.6

	177	1611.0	-341.6	235.9	18.2	251.4	0.0
	176	988.5	-398.2	390.1	3.7	5.4	0.0
	71	-69.9	473.6	316.4	10.2	52.5	0.0
10	104	-116.3	223.1	245.8	160.6	24.6	102.9
	177	1494.7	-308.9	215.3	14.7	237.6	0.0
	176	967.5	-377.9	358.4	5.5	0.6	0.0
	71	21.6	441.3	296.6	7.2	45.2	0.0
11	104	-19.9	406.1	64.8	-4.7	22.5	120.9
	177	1838.6	-110.1	120.5	26.4	297.9	0.0
	176	655.0	-142.3	198.5	-5.7	47.5	0.0
	71	-190.4	187.6	64.3	-9.1	64.1	0.0
12	104	-21.2	402.5	64.7	-4.6	22.3	119.9
	177	1831.5	-109.7	120.2	26.2	296.0	0.0
	176	662.1	-141.9	197.8	-5.7	45.8	0.0
	71	-186.7	186.9	64.0	-9.1	63.3	0.0
13	104	-19.9	406.1	64.8	-4.7	22.5	120.9
	177	1838.6	-110.1	120.5	26.4	297.9	0.0
	176	655.0	-142.3	198.5	-5.7	47.5	0.0
	71	-190.4	187.6	64.3	-9.1	64.1	0.0
14	104	-22.1	400.0	64.7	-4.6	22.3	119.3
	177	1826.7	-109.4	120.0	26.1	294.7	0.0
	176	666.9	-141.7	197.3	-5.7	44.7	0.0
	71	-184.2	186.3	63.8	-9.1	62.7	0.0
15	104	-19.9	406.1	64.8	-4.7	22.5	120.9
	177	1838.6	-110.1	120.5	26.4	297.9	0.0
	176	655.0	-142.3	198.5	-5.7	47.5	0.0
	71	-190.4	187.6	64.3	-9.1	64.1	0.0
16	104	-23.0	397.6	64.7	-4.5	22.2	118.6
	177	1821.9	-109.1	119.8	26.0	293.5	0.0
	176	671.6	-141.4	196.9	-5.7	43.6	0.0
	71	-181.8	185.8	63.6	-9.1	62.1	0.0
1	177	-1006.8	-2127.4	280.6	-138.5	122.0	-42.0
	530	-0.1	-257.2	694.1	114.6	-234.1	0.0
	529	4470.5	-188.1	510.9	-135.0	-547.6	0.0
	176	-807.4	164.7	-265.0	-119.2	78.3	0.0
2	177	-1141.9	-2439.9	321.1	-159.2	139.7	-50.9
	530	63.7	-294.7	794.9	131.4	-258.0	0.0
	529	5102.9	-215.1	585.6	-154.4	-622.4	0.0
	176	-954.8	188.6	-303.7	-136.5	92.8	0.0
3	177	-929.6	-1801.8	165.4	-110.2	81.6	-9.9
	530	-129.5	-124.3	445.9	69.3	-227.0	0.0
	529	3851.1	-132.8	310.3	-99.3	-463.4	0.0
	176	-687.3	77.0	-195.3	-83.1	59.2	0.0
4	177	-835.6	-1872.1	250.3	-175.7	129.5	-28.5
	530	166.0	-246.0	714.6	125.9	-174.1	0.0
	529	3578.3	-174.4	507.6	-133.8	-412.7	0.0
	176	-767.5	154.7	-306.5	-125.4	56.2	0.0
5	177	-946.4	-1566.7	69.6	-7.8	16.5	0.4
	530	-431.7	10.6	94.8	-4.1	-263.9	0.0
	529	3928.3	-76.4	65.7	-49.1	-502.5	0.0
	176	-539.3	-7.3	-30.9	-24.0	66.8	0.0
6	177	-866.9	-1435.4	72.4	14.5	8.7	-9.3
	530	-395.3	4.5	62.5	-10.4	-242.6	0.0
	529	3721.6	-69.6	53.2	-40.4	-485.4	0.0
	176	-492.7	-1.8	-1.2	-15.7	70.1	0.0
7	177	-664.4	-1364.4	174.8	-35.8	55.4	-42.2
	530	-8.2	-144.5	338.4	48.4	-156.1	0.0
	529	3162.4	-110.2	268.7	-70.6	-406.3	0.0
	176	-532.0	95.2	-96.2	-55.4	70.4	0.0
8	177	-570.4	-1434.7	259.8	-101.3	103.3	-60.7
	530	287.3	-266.2	607.1	105.0	-103.1	0.0
	529	2889.6	-151.7	466.0	-105.0	-355.6	0.0
	176	-612.3	172.9	-207.3	-97.7	67.3	0.0
9	177	-633.1	-1801.0	352.7	-226.1	176.2	-61.4
	530	553.1	-395.0	990.5	184.6	-87.5	0.0
	529	3019.0	-214.9	723.1	-163.9	-333.6	0.0
	176	-806.8	251.7	-401.4	-165.1	56.5	0.0
10	177	-553.6	-1669.8	355.5	-203.7	168.4	-71.1
	530	589.5	-401.1	958.2	178.3	-66.2	0.0
	529	2812.4	-208.1	710.6	-155.3	-316.5	0.0
	176	-760.2	257.2	-371.7	-156.8	59.8	0.0
11	177	-768.0	-1631.7	215.0	-106.3	93.5	-33.1
	530	20.7	-197.1	532.0	87.9	-176.1	0.0

	529	3420.9	-144.1	391.7	-103.4	-418.2	0.0
	176	-628.6	126.2	-203.2	-91.4	61.1	0.0
12	177	-761.3	-1626.6	214.1	-106.1	93.1	-33.9
	530	42.5	-196.4	529.9	87.6	-172.0	0.0
	529	3401.9	-143.4	390.4	-102.9	-414.9	0.0
	176	-636.6	125.7	-202.5	-91.0	61.9	0.0
13	177	-768.0	-1631.7	215.0	-106.3	93.5	-33.1
	530	20.7	-197.1	532.0	87.9	-176.1	0.0
	529	3420.9	-144.1	391.7	-103.4	-418.2	0.0
	176	-628.6	126.2	-203.2	-91.4	61.1	0.0
14	177	-756.8	-1623.3	213.5	-106.0	92.8	-34.5
	530	57.1	-196.0	528.6	87.4	-169.2	0.0
	529	3389.3	-142.9	389.5	-102.6	-412.8	0.0
	176	-641.8	125.4	-202.0	-90.8	62.5	0.0
15	177	-768.0	-1631.7	215.0	-106.3	93.5	-33.1
	530	20.7	-197.1	532.0	87.9	-176.1	0.0
	529	3420.9	-144.1	391.7	-103.4	-418.2	0.0
	176	-628.6	126.2	-203.2	-91.4	61.1	0.0
16	177	-752.3	-1619.9	212.9	-105.8	92.6	-35.0
	530	71.6	-195.5	527.2	87.2	-166.4	0.0
	529	3376.7	-142.5	388.6	-102.3	-410.6	0.0
	176	-647.1	125.1	-201.5	-90.5	63.0	0.0
1	72	-264.3	110.2	356.2	132.3	-26.0	25.5
	178	1033.8	-154.3	333.7	-52.3	122.7	0.0
	177	1896.9	-270.6	166.5	-32.4	-173.7	0.0
	104	481.4	68.7	5.0	-40.7	-3.5	0.0
2	72	-302.7	129.7	407.7	151.3	-29.6	30.5
	178	1205.5	-177.2	382.0	-59.8	144.1	0.0
	177	2179.8	-309.7	191.2	-36.9	-198.6	0.0
	104	549.1	79.3	5.9	-46.5	-3.1	0.0
3	72	-219.3	-35.4	252.9	70.0	-13.1	1.9
	178	880.6	-102.1	252.7	-36.7	105.4	0.0
	177	1584.4	-192.3	139.6	-30.8	-155.4	0.0
	104	272.8	41.4	-16.9	-30.0	10.3	0.0
4	72	-235.7	-81.5	434.1	214.5	-22.3	10.6
	178	933.4	-263.1	368.2	-52.4	113.0	0.0
	177	1626.5	-333.8	218.1	-25.8	-144.8	0.0
	104	237.5	162.6	99.3	-25.1	15.8	0.0
5	72	-181.2	120.8	-10.1	-128.1	-3.7	2.1
	178	751.8	131.1	77.7	-14.9	88.4	0.0
	177	1425.0	13.4	11.7	-33.9	-154.8	0.0
	104	389.2	-134.4	-178.5	-38.0	-6.3	0.0
6	72	-165.0	208.6	-54.3	-153.4	-4.8	10.9
	178	694.2	170.1	43.2	-11.9	81.4	0.0
	177	1330.6	48.2	-19.5	-31.6	-143.5	0.0
	104	453.5	-163.9	-200.8	-39.9	-15.0	0.0
7	72	-165.2	257.3	105.6	-14.4	-16.8	31.3
	178	688.5	27.8	137.8	-26.6	82.0	0.0
	177	1269.6	-76.3	35.8	-23.0	-117.9	0.0
	104	487.4	-56.9	-91.2	-36.4	-18.8	0.0
8	72	-181.7	211.2	286.9	130.2	-25.9	39.9
	178	741.2	-133.2	253.3	-42.3	89.6	0.0
	177	1311.8	-217.8	114.3	-18.0	-107.2	0.0
	104	452.1	64.2	24.9	-31.4	-13.2	0.0
9	72	-236.0	-32.8	594.0	353.6	-34.2	30.9
	178	927.7	-405.4	462.8	-67.2	113.6	0.0
	177	1565.6	-458.3	273.3	-17.2	-119.2	0.0
	104	271.4	269.5	208.8	-21.6	12.1	0.0
10	72	-219.8	55.0	549.9	328.3	-35.3	39.8
	178	870.0	-366.4	428.3	-64.2	106.6	0.0
	177	1471.2	-423.4	242.2	-14.9	-107.9	0.0
	104	335.8	240.0	186.5	-23.5	3.4	0.0
11	72	-202.6	85.6	272.9	101.3	-19.9	19.9
	178	799.3	-118.4	255.7	-40.1	95.2	0.0
	177	1456.2	-207.3	127.8	-24.8	-133.0	0.0
	104	368.2	52.8	3.9	-31.2	-2.4	0.0
12	72	-201.8	86.4	271.8	100.9	-19.7	20.3
	178	803.7	-118.1	254.7	-39.9	96.1	0.0
	177	1453.2	-206.5	127.5	-24.6	-132.4	0.0
	104	366.1	52.8	3.9	-31.0	-2.0	0.0
13	72	-202.6	85.6	272.9	101.3	-19.9	19.9
	178	799.3	-118.4	255.7	-40.1	95.2	0.0
	177	1456.2	-207.3	127.8	-24.8	-133.0	0.0

	104	368.2	52.8	3.9	-31.2	-2.4	0.0
14	72	-201.3	87.0	271.0	100.5	-19.7	20.6
	178	806.6	-117.9	254.0	-39.7	96.6	0.0
	177	1451.1	-205.9	127.3	-24.5	-132.0	0.0
	104	364.6	52.8	4.0	-30.9	-1.8	0.0
15	72	-202.6	85.6	272.9	101.3	-19.9	19.9
	178	799.3	-118.4	255.7	-40.1	95.2	0.0
	177	1456.2	-207.3	127.8	-24.8	-133.0	0.0
	104	368.2	52.8	3.9	-31.2	-2.4	0.0
16	72	-200.7	87.6	270.2	100.2	-19.6	20.8
	178	809.5	-117.7	253.3	-39.6	97.2	0.0
	177	1449.1	-205.3	127.0	-24.4	-131.5	0.0
	104	363.2	52.8	4.0	-30.8	-1.6	0.0
1	178	-335.7	-1033.8	154.3	-333.7	52.3	-122.7
	531	4176.5	-65.3	386.3	127.0	-110.1	0.0
	530	561.5	-222.7	650.8	-121.9	218.6	0.0
	177	-2168.6	133.7	-185.0	-124.2	-173.9	0.0
2	178	-381.7	-1205.5	177.2	-382.0	59.8	-144.1
	531	4769.5	-74.7	443.4	144.7	-123.3	0.0
	530	694.9	-255.6	745.4	-139.4	239.9	0.0
	177	-2487.0	153.1	-212.3	-142.0	-194.5	0.0
3	178	-322.7	-951.0	62.3	-252.7	36.7	-105.4
	531	3696.7	-34.5	232.9	104.4	-113.2	0.0
	530	422.4	-100.6	405.3	-80.1	200.4	0.0
	177	-1975.0	61.2	-151.2	-85.7	-162.2	0.0
4	178	-281.4	-1007.0	155.5	-368.2	52.4	-113.0
	531	3369.2	-13.1	427.4	106.7	-76.2	0.0
	530	639.9	-263.8	661.1	-132.7	146.2	0.0
	177	-1827.1	114.1	-227.7	-132.8	-125.1	0.0
5	178	-335.5	-768.2	-40.3	-77.7	14.9	-88.4
	531	3811.6	-77.2	-19.2	94.6	-146.2	0.0
	530	139.9	98.5	79.3	-8.8	249.4	0.0
	177	-1971.4	9.2	-27.9	-20.0	-193.1	0.0
6	178	-305.0	-667.3	-35.1	-43.2	11.9	-81.4
	531	3582.7	-92.6	-40.7	88.5	-137.4	0.0
	530	115.3	106.0	55.7	-0.3	237.2	0.0
	177	-1820.3	17.4	1.2	-10.8	-182.7	0.0
7	178	-221.2	-614.9	79.7	-137.8	26.6	-82.0
	531	2933.7	-85.7	161.2	84.2	-84.0	0.0
	530	340.4	-75.6	326.6	-51.8	159.6	0.0
	177	-1471.6	88.8	-54.0	-55.1	-127.2	0.0
8	178	-179.8	-670.8	173.0	-253.3	42.3	-89.6
	531	2606.2	-64.3	355.8	86.6	-47.0	0.0
	530	557.9	-238.7	582.3	-104.4	105.3	0.0
	177	-1323.8	141.6	-130.5	-102.2	-90.2	0.0
9	178	-197.6	-954.5	270.4	-462.8	67.2	-113.6
	531	2720.1	-6.2	629.3	102.4	-22.8	0.0
	530	865.0	-445.3	931.9	-184.1	68.6	0.0
	177	-1478.4	185.4	-282.9	-177.1	-69.7	0.0
10	178	-167.1	-853.7	275.6	-428.3	64.2	-106.6
	531	2491.2	-21.6	607.8	96.4	-14.0	0.0
	530	840.3	-437.8	908.3	-175.7	56.3	0.0
	177	-1327.4	193.6	-253.7	-167.9	-59.2	0.0
11	178	-256.4	-799.3	118.4	-255.7	40.1	-95.2
	531	3196.6	-50.0	296.4	97.1	-83.5	0.0
	530	447.2	-170.9	498.8	-93.4	164.2	0.0
	177	-1663.2	102.4	-141.9	-95.1	-131.7	0.0
12	178	-254.5	-803.7	118.1	-254.7	39.9	-96.1
	531	3179.7	-49.8	295.6	96.5	-82.2	0.0
	530	463.3	-170.4	496.9	-92.9	159.9	0.0
	177	-1658.0	102.1	-141.5	-94.7	-129.7	0.0
13	178	-256.4	-799.3	118.4	-255.7	40.1	-95.2
	531	3196.6	-50.0	296.4	97.1	-83.5	0.0
	530	447.2	-170.9	498.8	-93.4	164.2	0.0
	177	-1663.2	102.4	-141.9	-95.1	-131.7	0.0
14	178	-253.2	-806.6	117.9	-254.0	39.7	-96.6
	531	3168.4	-49.6	295.1	96.1	-81.4	0.0
	530	474.0	-170.1	495.7	-92.7	157.1	0.0
	177	-1654.6	101.8	-141.2	-94.4	-128.3	0.0
15	178	-256.4	-799.3	118.4	-255.7	40.1	-95.2
	531	3196.6	-50.0	296.4	97.1	-83.5	0.0
	530	447.2	-170.9	498.8	-93.4	164.2	0.0
	177	-1663.2	102.4	-141.9	-95.1	-131.7	0.0

16	178	-251.9	-809.5	117.7	-253.3	39.6	-97.2
	531	3157.1	-49.5	294.6	95.7	-80.5	0.0
	530	484.8	-169.8	494.4	-92.4	154.3	0.0
	177	-1651.1	101.5	-141.0	-94.1	-126.9	0.0
1	122	180.1	1100.2	301.8	-80.6	-260.2	141.3
	197	1554.6	205.1	-423.0	-188.0	-155.8	0.0
	196	1303.7	-29.7	-143.6	80.2	-230.1	0.0
	121	-2934.7	-477.3	331.5	114.5	230.0	0.0
2	122	207.4	1271.5	346.0	-92.4	-298.2	162.1
	197	1825.9	235.6	-484.7	-215.6	-175.6	0.0
	196	1476.0	-34.7	-164.7	91.7	-261.5	0.0
	121	-3392.1	-546.8	380.2	131.3	263.7	0.0
3	122	-50.9	1350.3	241.8	-55.8	-279.0	72.7
	197	1863.1	229.6	-341.8	-193.9	-54.5	0.0
	196	557.4	-78.4	-106.9	102.7	-216.2	0.0
	121	-2988.6	-345.7	302.4	175.8	268.4	0.0
4	122	-437.3	1447.6	87.8	-15.3	-159.4	228.2
	197	1930.5	183.3	-238.6	-111.8	-209.3	0.0
	196	718.9	-27.0	-149.1	69.2	-105.9	0.0
	121	-3305.9	-205.4	154.1	99.5	161.8	0.0
5	122	667.4	851.6	466.5	-121.0	-403.4	-138.8
	197	1321.6	248.6	-483.9	-282.7	138.2	0.0
	196	599.8	-117.9	-44.6	124.0	-352.5	0.0
	121	-2000.7	-570.2	492.1	229.2	364.6	0.0
6	122	896.7	521.6	505.2	-136.5	-390.5	-164.6
	197	924.9	218.5	-502.5	-276.8	148.5	0.0
	196	797.6	-100.2	-33.3	108.8	-359.2	0.0
	121	-1471.3	-622.3	506.4	198.9	340.4	0.0
7	122	713.5	250.0	370.8	-107.3	-235.8	-13.2
	197	540.7	129.5	-403.8	-174.0	-20.0	0.0
	196	1216.9	-19.7	-69.3	52.1	-238.2	0.0
	121	-1223.7	-519.3	350.2	74.5	187.8	0.0
8	122	327.1	347.3	216.9	-66.8	-116.2	142.3
	197	608.1	83.2	-300.6	-91.9	-174.8	0.0
	196	1378.4	31.7	-111.5	18.6	-128.0	0.0
	121	-1540.9	-379.0	201.9	-1.7	81.2	0.0
9	122	-620.6	1176.0	-46.6	13.9	-4.8	379.6
	197	1546.3	94.3	-139.9	-9.1	-377.8	0.0
	196	1138.1	53.5	-185.1	12.5	15.0	0.0
	121	-3058.3	-102.4	-2.1	-24.8	9.2	0.0
10	122	-391.3	846.0	-7.9	-1.5	8.2	353.8
	197	1149.6	64.3	-158.5	-3.1	-367.5	0.0
	196	1336.0	71.1	-173.8	-2.7	8.4	0.0
	121	-2528.8	-154.5	12.2	-55.2	-15.0	0.0
11	122	138.4	847.0	231.4	-61.8	-199.5	108.4
	197	1206.3	157.4	-324.3	-144.2	-118.5	0.0
	196	993.7	-23.0	-110.1	61.4	-175.7	0.0
	121	-2259.4	-365.9	254.2	87.8	176.4	0.0
12	122	138.3	847.6	230.6	-61.6	-198.8	108.0
	197	1217.3	157.0	-323.1	-143.7	-117.0	0.0
	196	984.0	-23.1	-109.8	61.1	-174.3	0.0
	121	-2261.4	-364.6	253.5	87.5	175.8	0.0
13	122	138.4	847.0	231.4	-61.8	-199.5	108.4
	197	1206.3	157.4	-324.3	-144.2	-118.5	0.0
	196	993.7	-23.0	-110.1	61.4	-175.7	0.0
	121	-2259.4	-365.9	254.2	87.8	176.4	0.0
14	122	138.2	848.1	230.1	-61.5	-198.3	107.8
	197	1224.6	156.8	-322.4	-143.4	-116.1	0.0
	196	977.5	-23.2	-109.6	60.9	-173.4	0.0
	121	-2262.8	-363.7	252.9	87.3	175.4	0.0
15	122	138.4	847.0	231.4	-61.8	-199.5	108.4
	197	1206.3	157.4	-324.3	-144.2	-118.5	0.0
	196	993.7	-23.0	-110.1	61.4	-175.7	0.0
	121	-2259.4	-365.9	254.2	87.8	176.4	0.0
16	122	138.1	848.6	229.6	-61.3	-197.8	107.6
	197	1231.9	156.5	-321.6	-143.1	-115.1	0.0
	196	971.1	-23.3	-109.3	60.7	-172.5	0.0
	121	-2264.1	-362.8	252.4	87.1	175.0	0.0
1	123	748.9	-0.0	-0.0	0.0	-307.4	-56.6
	198	2806.2	170.7	-280.4	-190.9	162.9	0.0
	197	-682.3	131.2	-343.5	152.7	158.2	0.0
	122	-1100.2	-301.8	80.6	260.2	-141.3	0.0

2	123	859.2	-0.0	-0.0	0.0	-352.2	-62.9
	198	3208.8	195.8	-321.5	-218.7	182.3	0.0
	197	-756.1	150.2	-393.6	174.9	178.6	0.0
	122	-1271.5	-346.0	92.4	298.2	-162.1	0.0
3	123	723.8	482.5	-42.6	33.1	-301.1	-110.7
	198	2641.1	170.3	-220.2	-194.7	168.0	0.0
	197	-972.8	88.7	-307.6	171.5	57.7	0.0
	122	-1360.7	-188.8	55.8	279.0	-72.7	0.0
4	123	379.5	477.1	-87.1	33.1	-165.8	29.6
	198	2859.8	188.9	-156.8	-122.0	35.4	0.0
	197	-1089.9	41.3	-247.4	99.4	214.6	0.0
	122	-1462.2	-111.7	15.3	159.4	-228.2	0.0
5	123	1138.3	152.9	54.7	9.9	-459.0	-274.3
	198	1946.5	113.8	-311.4	-270.2	334.4	0.0
	197	-454.8	168.1	-366.2	241.9	-139.0	0.0
	122	-848.3	-334.1	121.0	403.4	138.8	0.0
6	123	1149.3	-135.0	93.6	-9.9	-459.0	-274.3
	198	1569.8	84.0	-326.2	-262.2	344.4	0.0
	197	-127.8	188.7	-356.2	230.1	-150.6	0.0
	122	-510.8	-381.5	136.5	390.5	164.6	0.0
7	123	760.4	-477.1	87.1	-33.1	-301.1	-110.7
	198	1385.5	70.9	-269.5	-168.0	201.3	0.0
	197	117.1	157.5	-274.4	132.3	19.0	0.0
	122	-235.4	-346.9	107.3	235.8	13.2	0.0
8	123	416.1	-482.5	42.6	-33.1	-165.8	29.6
	198	1604.2	89.4	-206.1	-95.2	68.7	0.0
	197	0.1	110.2	-214.2	60.2	175.9	0.0
	122	-336.9	-269.8	66.8	116.2	-142.3	0.0
9	123	-9.4	135.0	-93.6	9.9	-7.9	193.2
	198	2675.5	175.7	-100.0	-27.7	-107.7	0.0
	197	-844.9	10.1	-165.5	1.6	384.2	0.0
	122	-1186.8	-77.1	-13.9	4.8	-379.6	0.0
10	123	1.6	-152.9	-54.7	-9.9	-7.9	193.2
	198	2298.8	145.9	-114.8	-19.7	-97.8	0.0
	197	-518.0	30.8	-155.6	-10.1	372.6	0.0
	122	-849.3	-124.5	1.5	-8.2	-353.8	0.0
11	123	574.5	-0.0	-0.0	0.0	-235.6	-42.8
	198	2149.2	130.9	-215.0	-146.3	123.5	0.0
	197	-514.7	100.5	-263.4	117.0	120.4	0.0
	122	-847.0	-231.4	61.8	199.5	-108.4	0.0
12	123	572.8	-0.0	-0.0	0.0	-234.8	-41.9
	198	2139.2	130.5	-214.3	-145.8	121.6	0.0
	197	-504.1	100.1	-262.4	116.6	119.1	0.0
	122	-847.6	-230.6	61.6	198.8	-108.0	0.0
13	123	574.5	-0.0	-0.0	0.0	-235.6	-42.8
	198	2149.2	130.9	-215.0	-146.3	123.5	0.0
	197	-514.7	100.5	-263.4	117.0	120.4	0.0
	122	-847.0	-231.4	61.8	199.5	-108.4	0.0
14	123	571.6	-0.0	-0.0	0.0	-234.3	-41.4
	198	2132.6	130.3	-213.8	-145.5	120.3	0.0
	197	-497.0	99.8	-261.8	116.3	118.2	0.0
	122	-848.1	-230.1	61.5	198.3	-107.8	0.0
15	123	574.5	-0.0	-0.0	0.0	-235.6	-42.8
	198	2149.2	130.9	-215.0	-146.3	123.5	0.0
	197	-514.7	100.5	-263.4	117.0	120.4	0.0
	122	-847.0	-231.4	61.8	199.5	-108.4	0.0
16	123	570.5	-0.0	-0.0	0.0	-233.7	-40.8
	198	2126.0	130.0	-213.4	-145.1	119.0	0.0
	197	-489.9	99.6	-261.2	116.0	117.2	0.0
	122	-848.6	-229.6	61.3	197.8	-107.6	0.0
1	124	180.1	-1100.2	-301.8	80.6	-260.2	141.3
	199	-682.3	131.2	-343.5	-152.7	-158.2	0.0
	198	2806.2	170.7	-280.4	190.9	-162.9	0.0
	123	0.0	0.0	-0.0	307.4	56.6	0.0
2	124	207.4	-1271.5	-346.0	92.4	-298.2	162.1
	199	-756.1	150.2	-393.6	-174.9	-178.6	0.0
	198	3208.8	195.8	-321.5	218.7	-182.3	0.0
	123	0.0	0.0	-0.0	352.2	62.9	0.0
3	124	679.3	-235.4	-346.9	107.3	-235.8	-13.2
	199	117.1	157.5	-274.4	-132.3	-19.0	0.0
	198	1385.5	70.9	-269.5	168.0	-201.3	0.0
	123	-477.1	87.1	-33.1	301.1	110.7	0.0
4	124	292.7	-336.9	-269.8	66.8	-116.2	142.3

	199	0.1	110.2	-214.2	-60.2	-175.9	0.0
	198	1604.2	89.4	-206.1	95.2	-68.7	0.0
	123	-482.5	42.6	-33.1	165.8	-29.6	0.0
5	124	886.7	-510.8	-381.5	136.5	-390.5	-164.6
	199	-127.8	188.7	-356.2	-230.1	150.6	0.0
	198	1569.8	84.0	-326.2	262.2	-344.4	0.0
	123	-135.0	93.6	-9.9	459.0	274.3	0.0
6	124	677.9	-848.3	-334.1	121.0	-403.4	-138.8
	199	-454.8	168.1	-366.2	-241.9	139.0	0.0
	198	1946.5	113.8	-311.4	270.2	-334.4	0.0
	123	152.9	54.7	9.9	459.0	274.3	0.0
7	124	-16.6	-1360.7	-188.8	55.8	-279.0	72.7
	199	-972.8	88.7	-307.6	-171.5	-57.7	0.0
	198	2641.1	170.3	-220.2	194.7	-168.0	0.0
	123	482.5	-42.6	33.1	301.1	110.7	0.0
8	124	-403.1	-1462.2	-111.7	15.3	-159.4	228.2
	199	-1089.9	41.3	-247.4	-99.4	-214.6	0.0
	198	2859.8	188.9	-156.8	122.0	-35.4	0.0
	123	477.1	-87.1	33.1	165.8	-29.6	0.0
9	124	-401.8	-849.3	-124.5	1.5	8.2	353.8
	199	-518.0	30.8	-155.6	10.1	-372.6	0.0
	198	2298.8	145.9	-114.8	19.7	97.8	0.0
	123	-152.9	-54.7	-9.9	7.9	-193.2	0.0
10	124	-610.5	-1186.8	-77.1	-13.9	-4.8	379.6
	199	-844.9	10.1	-165.5	-1.6	-384.2	0.0
	198	2675.5	175.7	-100.0	27.7	107.7	0.0
	123	135.0	-93.6	9.9	7.9	-193.2	0.0
11	124	138.4	-847.0	-231.4	61.8	-199.5	108.4
	199	-514.7	100.5	-263.4	-117.0	-120.4	0.0
	198	2149.2	130.9	-215.0	146.3	-123.5	0.0
	123	0.0	0.0	-0.0	235.6	42.8	0.0
12	124	138.3	-847.6	-230.6	61.6	-198.8	108.0
	199	-504.1	100.1	-262.4	-116.6	-119.1	0.0
	198	2139.2	130.5	-214.3	145.8	-121.6	0.0
	123	0.0	0.0	-0.0	234.8	41.9	0.0
13	124	138.4	-847.0	-231.4	61.8	-199.5	108.4
	199	-514.7	100.5	-263.4	-117.0	-120.4	0.0
	198	2149.2	130.9	-215.0	146.3	-123.5	0.0
	123	0.0	0.0	-0.0	235.6	42.8	0.0
14	124	138.2	-848.1	-230.1	61.5	-198.3	107.8
	199	-497.0	99.8	-261.8	-116.3	-118.2	0.0
	198	2132.6	130.3	-213.8	145.5	-120.3	0.0
	123	0.0	0.0	-0.0	234.3	41.4	0.0
15	124	138.4	-847.0	-231.4	61.8	-199.5	108.4
	199	-514.7	100.5	-263.4	-117.0	-120.4	0.0
	198	2149.2	130.9	-215.0	146.3	-123.5	0.0
	123	0.0	0.0	-0.0	235.6	42.8	0.0
16	124	138.1	-848.6	-229.6	61.3	-197.8	107.6
	199	-489.9	99.6	-261.2	-116.0	-117.2	0.0
	198	2126.0	130.0	-213.4	145.1	-119.0	0.0
	123	0.0	0.0	-0.0	233.7	40.8	0.0
1	125	-423.3	-2934.7	-477.3	331.5	-114.5	-230.0
	200	1303.7	-29.7	-143.6	-80.2	230.1	0.0
	199	1554.6	205.1	-423.0	188.0	155.8	0.0
	124	1100.2	301.8	-80.6	260.2	-141.3	0.0
2	125	-495.2	-3392.1	-546.8	380.2	-131.3	-263.7
	200	1476.0	-34.7	-164.7	-91.7	261.5	0.0
	199	1825.9	235.6	-484.7	215.6	175.6	0.0
	124	1271.5	346.0	-92.4	298.2	-162.1	0.0
3	125	555.6	-1223.7	-519.3	350.2	-74.5	-187.8
	200	1216.9	-19.7	-69.3	-52.1	238.2	0.0
	199	540.7	129.5	-403.8	174.0	20.0	0.0
	124	250.0	370.8	-107.3	235.8	13.2	0.0
4	125	128.7	-1540.9	-379.0	201.9	1.7	-81.2
	200	1378.4	31.7	-111.5	-18.6	128.0	0.0
	199	608.1	83.2	-300.6	91.9	174.8	0.0
	124	347.3	216.9	-66.8	116.2	-142.3	0.0
5	125	580.3	-1471.3	-622.3	506.4	-198.9	-340.4
	200	797.6	-100.2	-33.3	-108.8	359.2	0.0
	199	924.9	218.5	-502.5	276.8	-148.5	0.0
	124	521.6	505.2	-136.5	390.5	164.6	0.0
6	125	174.6	-2000.7	-570.2	492.1	-229.2	-364.6
	200	599.8	-117.9	-44.6	-124.0	352.5	0.0

	199	1321.6	248.6	-483.9	282.7	-138.2	0.0
	124	851.6	466.5	-121.0	403.4	138.8	0.0
7	125	-796.7	-2988.6	-345.7	302.4	-175.8	-268.4
	200	557.4	-78.4	-106.9	-102.7	216.2	0.0
	199	1863.1	229.6	-341.8	193.9	54.5	0.0
	124	1350.3	241.8	-55.8	279.0	-72.7	0.0
8	125	-1223.6	-3305.9	-205.4	154.1	-99.5	-161.8
	200	718.9	-27.0	-149.1	-69.2	105.9	0.0
	199	1930.5	183.3	-238.6	111.8	209.3	0.0
	124	1447.6	87.8	-15.3	159.4	-228.2	0.0
9	125	-842.6	-2528.8	-154.5	12.2	55.2	15.0
	200	1336.0	71.1	-173.8	2.7	-8.4	0.0
	199	1149.6	64.3	-158.5	3.1	367.5	0.0
	124	846.0	-7.9	-1.5	-8.2	-353.8	0.0
10	125	-1248.3	-3058.3	-102.4	-2.1	24.8	-9.2
	200	1138.1	53.5	-185.1	-12.5	-15.0	0.0
	199	1546.3	94.3	-139.9	9.1	377.8	0.0
	124	1176.0	-46.6	13.9	4.8	-379.6	0.0
11	125	-327.8	-2259.4	-365.9	254.2	-87.8	-176.4
	200	993.7	-23.0	-110.1	-61.4	175.7	0.0
	199	1206.3	157.4	-324.3	144.2	118.5	0.0
	124	847.0	231.4	-61.8	199.5	-108.4	0.0
12	125	-330.1	-2261.4	-364.6	253.5	-87.5	-175.8
	200	984.0	-23.1	-109.8	-61.1	174.3	0.0
	199	1217.3	157.0	-323.1	143.7	117.0	0.0
	124	847.6	230.6	-61.6	198.8	-108.0	0.0
13	125	-327.8	-2259.4	-365.9	254.2	-87.8	-176.4
	200	993.7	-23.0	-110.1	-61.4	175.7	0.0
	199	1206.3	157.4	-324.3	144.2	118.5	0.0
	124	847.0	231.4	-61.8	199.5	-108.4	0.0
14	125	-331.7	-2262.8	-363.7	252.9	-87.3	-175.4
	200	977.5	-23.2	-109.6	-60.9	173.4	0.0
	199	1224.6	156.8	-322.4	143.4	116.1	0.0
	124	848.1	230.1	-61.5	198.3	-107.8	0.0
15	125	-327.8	-2259.4	-365.9	254.2	-87.8	-176.4
	200	993.7	-23.0	-110.1	-61.4	175.7	0.0
	199	1206.3	157.4	-324.3	144.2	118.5	0.0
	124	847.0	231.4	-61.8	199.5	-108.4	0.0
16	125	-333.2	-2264.1	-362.8	252.4	-87.1	-175.0
	200	971.1	-23.3	-109.3	-60.7	172.5	0.0
	199	1231.9	156.5	-321.6	143.1	115.1	0.0
	124	848.6	229.6	-61.3	197.8	-107.6	0.0
1	159	180.1	1100.2	-301.8	80.6	260.2	141.3
	512	1554.6	-205.1	423.0	188.0	-155.8	0.0
	511	1303.7	29.7	143.6	-80.2	-230.1	0.0
	158	-2934.7	477.3	-331.5	-114.5	230.0	0.0
2	159	207.4	1271.5	-346.0	92.4	298.2	162.1
	512	1825.9	-235.6	484.7	215.6	-175.6	0.0
	511	1476.0	34.7	164.7	-91.7	-261.5	0.0
	158	-3392.1	546.8	-380.2	-131.3	263.7	0.0
3	159	-437.3	1447.6	-87.8	15.3	159.4	228.2
	512	1930.5	-183.3	238.6	111.8	-209.3	0.0
	511	718.9	27.0	149.1	-69.2	-105.9	0.0
	158	-3305.9	205.4	-154.1	-99.5	161.8	0.0
4	159	-50.9	1350.3	-241.8	55.8	279.0	72.7
	512	1863.1	-229.6	341.8	193.9	-54.5	0.0
	511	557.4	78.4	106.9	-102.7	-216.2	0.0
	158	-2988.6	345.7	-302.4	-175.8	268.4	0.0
5	159	-620.6	1176.0	46.6	-13.9	4.8	379.6
	512	1546.3	-94.3	139.9	9.1	-377.8	0.0
	511	1138.1	-53.5	185.1	-12.5	15.0	0.0
	158	-3058.3	102.4	2.1	24.8	9.2	0.0
6	159	-391.3	846.0	7.9	1.5	-8.2	353.8
	512	1149.6	-64.3	158.5	3.1	-367.5	0.0
	511	1336.0	-71.1	173.8	2.7	8.4	0.0
	158	-2528.8	154.5	-12.2	55.2	-15.0	0.0
7	159	327.1	347.3	-216.9	66.8	116.2	142.3
	512	608.1	-83.2	300.6	91.9	-174.8	0.0
	511	1378.4	-31.7	111.5	-18.6	-128.0	0.0
	158	-1540.9	379.0	-201.9	1.7	81.2	0.0
8	159	713.5	250.0	-370.8	107.3	235.8	-13.2
	512	540.7	-129.5	403.8	174.0	-20.0	0.0
	511	1216.9	19.7	69.3	-52.1	-238.2	0.0

	158	-1223.7	519.3	-350.2	-74.5	187.8	0.0
9	159	667.4	851.6	-466.5	121.0	403.4	-138.8
	512	1321.6	-248.6	483.9	282.7	138.2	0.0
	511	599.8	117.9	44.6	-124.0	-352.5	0.0
	158	-2000.7	570.2	-492.1	-229.2	364.6	0.0
10	159	896.7	521.6	-505.2	136.5	390.5	-164.6
	512	924.9	-218.5	502.5	276.8	148.5	0.0
	511	797.6	100.2	33.3	-108.8	-359.2	0.0
	158	-1471.3	622.3	-506.4	-198.9	340.4	0.0
11	159	138.4	847.0	-231.4	61.8	199.5	108.4
	512	1206.3	-157.4	324.3	144.2	-118.5	0.0
	511	993.7	23.0	110.1	-61.4	-175.7	0.0
	158	-2259.4	365.9	-254.2	-87.8	176.4	0.0
12	159	138.3	847.6	-230.6	61.6	198.8	108.0
	512	1217.3	-157.0	323.1	143.7	-117.0	0.0
	511	984.0	23.1	109.8	-61.1	-174.3	0.0
	158	-2261.4	364.6	-253.5	-87.5	175.8	0.0
13	159	138.4	847.0	-231.4	61.8	199.5	108.4
	512	1206.3	-157.4	324.3	144.2	-118.5	0.0
	511	993.7	23.0	110.1	-61.4	-175.7	0.0
	158	-2259.4	365.9	-254.2	-87.8	176.4	0.0
14	159	138.2	848.1	-230.1	61.5	198.3	107.8
	512	1224.6	-156.8	322.4	143.4	-116.1	0.0
	511	977.5	23.2	109.6	-60.9	-173.4	0.0
	158	-2262.8	363.7	-252.9	-87.3	175.4	0.0
15	159	138.4	847.0	-231.4	61.8	199.5	108.4
	512	1206.3	-157.4	324.3	144.2	-118.5	0.0
	511	993.7	23.0	110.1	-61.4	-175.7	0.0
	158	-2259.4	365.9	-254.2	-87.8	176.4	0.0
16	159	138.1	848.6	-229.6	61.3	197.8	107.6
	512	1231.9	-156.5	321.6	143.1	-115.1	0.0
	511	971.1	23.3	109.3	-60.7	-172.5	0.0
	158	-2264.1	362.8	-252.4	-87.1	175.0	0.0
1	160	748.9	0.0	0.0	0.0	307.4	-56.6
	513	2806.2	-170.7	280.4	190.9	162.9	0.0
	512	-682.3	-131.2	343.5	-152.7	158.2	0.0
	159	-1100.2	301.8	-80.6	-260.2	-141.3	0.0
2	160	859.2	0.0	0.0	0.0	352.2	-62.9
	513	3208.8	-195.8	321.5	218.7	182.3	0.0
	512	-756.1	-150.2	393.6	-174.9	178.6	0.0
	159	-1271.5	346.0	-92.4	-298.2	-162.1	0.0
3	160	379.5	477.1	87.1	-33.1	165.8	29.6
	513	2859.8	-188.9	156.8	122.0	35.4	0.0
	512	-1089.9	-41.3	247.4	-99.4	214.6	0.0
	159	-1462.2	111.7	-15.3	-159.4	-228.2	0.0
4	160	723.8	482.5	42.6	-33.1	301.1	-110.7
	513	2641.1	-170.3	220.2	194.7	168.0	0.0
	512	-972.8	-88.7	307.6	-171.5	57.7	0.0
	159	-1360.7	188.8	-55.8	-279.0	-72.7	0.0
5	160	-9.4	135.0	93.6	-9.9	7.9	193.2
	513	2675.5	-175.7	100.0	27.7	-107.7	0.0
	512	-844.9	-10.1	165.5	-1.6	384.2	0.0
	159	-1186.8	77.1	13.9	-4.8	-379.6	0.0
6	160	1.6	-152.9	54.7	9.9	7.9	193.2
	513	2298.8	-145.9	114.8	19.7	-97.8	0.0
	512	-518.0	-30.8	155.6	10.1	372.6	0.0
	159	-849.3	124.5	-1.5	8.2	-353.8	0.0
7	160	416.1	-482.5	-42.6	33.1	165.8	29.6
	513	1604.2	-89.4	206.1	95.2	68.7	0.0
	512	0.1	-110.2	214.2	-60.2	175.9	0.0
	159	-336.9	269.8	-66.8	-116.2	-142.3	0.0
8	160	760.4	-477.1	-87.1	33.1	301.1	-110.7
	513	1385.5	-70.9	269.5	168.0	201.3	0.0
	512	117.1	-157.5	274.4	-132.3	19.0	0.0
	159	-235.4	346.9	-107.3	-235.8	13.2	0.0
9	160	1138.3	152.9	-54.7	-9.9	459.0	-274.3
	513	1946.5	-113.8	311.4	270.2	334.4	0.0
	512	-454.8	-168.1	366.2	-241.9	-139.0	0.0
	159	-848.3	334.1	-121.0	-403.4	138.8	0.0
10	160	1149.3	-135.0	-93.6	9.9	459.0	-274.3
	513	1569.8	-84.0	326.2	262.2	344.4	0.0
	512	-127.8	-188.7	356.2	-230.1	-150.6	0.0
	159	-510.8	381.5	-136.5	-390.5	164.6	0.0

11	160	574.5	0.0	0.0	0.0	235.6	-42.8
	513	2149.2	-130.9	215.0	146.3	123.5	0.0
	512	-514.7	-100.5	263.4	-117.0	120.4	0.0
	159	-847.0	231.4	-61.8	-199.5	-108.4	0.0
12	160	572.8	0.0	0.0	0.0	234.8	-41.9
	513	2139.2	-130.5	214.3	145.8	121.6	0.0
	512	-504.1	-100.1	262.4	-116.6	119.1	0.0
	159	-847.6	230.6	-61.6	-198.8	-108.0	0.0
13	160	574.5	0.0	0.0	0.0	235.6	-42.8
	513	2149.2	-130.9	215.0	146.3	123.5	0.0
	512	-514.7	-100.5	263.4	-117.0	120.4	0.0
	159	-847.0	231.4	-61.8	-199.5	-108.4	0.0
14	160	571.6	0.0	0.0	0.0	234.3	-41.4
	513	2132.6	-130.3	213.8	145.5	120.3	0.0
	512	-497.0	-99.8	261.8	-116.3	118.2	0.0
	159	-848.1	230.1	-61.5	-198.3	-107.8	0.0
15	160	574.5	0.0	0.0	0.0	235.6	-42.8
	513	2149.2	-130.9	215.0	146.3	123.5	0.0
	512	-514.7	-100.5	263.4	-117.0	120.4	0.0
	159	-847.0	231.4	-61.8	-199.5	-108.4	0.0
16	160	570.5	0.0	0.0	0.0	233.7	-40.8
	513	2126.0	-130.0	213.4	145.1	119.0	0.0
	512	-489.9	-99.6	261.2	-116.0	117.2	0.0
	159	-848.6	229.6	-61.3	-197.8	-107.6	0.0
1	161	180.1	-1100.2	301.8	-80.6	260.2	141.3
	514	-682.3	-131.2	343.5	152.7	-158.2	0.0
	513	2806.2	-170.7	280.4	-190.9	-162.9	0.0
	160	-0.0	-0.0	-0.0	-307.4	56.6	0.0
2	161	207.4	-1271.5	346.0	-92.4	298.2	162.1
	514	-756.1	-150.2	393.6	174.9	-178.6	0.0
	513	3208.8	-195.8	321.5	-218.7	-182.3	0.0
	160	-0.0	-0.0	-0.0	-352.2	62.9	0.0
3	161	292.7	-336.9	269.8	-66.8	116.2	142.3
	514	0.1	-110.2	214.2	60.2	-175.9	0.0
	513	1604.2	-89.4	206.1	-95.2	-68.7	0.0
	160	-482.5	-42.6	33.1	-165.8	-29.6	0.0
4	161	679.3	-235.4	346.9	-107.3	235.8	-13.2
	514	117.1	-157.5	274.4	132.3	-19.0	0.0
	513	1385.5	-70.9	269.5	-168.0	-201.3	0.0
	160	-477.1	-87.1	33.1	-301.1	110.7	0.0
5	161	-401.8	-849.3	124.5	-1.5	-8.2	353.8
	514	-518.0	-30.8	155.6	-10.1	-372.6	0.0
	513	2298.8	-145.9	114.8	-19.7	97.8	0.0
	160	-152.9	54.7	9.9	-7.9	-193.2	0.0
6	161	-610.5	-1186.8	77.1	13.9	4.8	379.6
	514	-844.9	-10.1	165.5	1.6	-384.2	0.0
	513	2675.5	-175.7	100.0	-27.7	107.7	0.0
	160	135.0	93.6	-9.9	-7.9	-193.2	0.0
7	161	-403.1	-1462.2	111.7	-15.3	159.4	228.2
	514	-1089.9	-41.3	247.4	99.4	-214.6	0.0
	513	2859.8	-188.9	156.8	-122.0	-35.4	0.0
	160	477.1	87.1	-33.1	-165.8	-29.6	0.0
8	161	-16.6	-1360.7	188.8	-55.8	279.0	72.7
	514	-972.8	-88.7	307.6	171.5	-57.7	0.0
	513	2641.1	-170.3	220.2	-194.7	-168.0	0.0
	160	482.5	42.6	-33.1	-301.1	110.7	0.0
9	161	886.7	-510.8	381.5	-136.5	390.5	-164.6
	514	-127.8	-188.7	356.2	230.1	150.6	0.0
	513	1569.8	-84.0	326.2	-262.2	-344.4	0.0
	160	-135.0	-93.6	9.9	-459.0	274.3	0.0
10	161	677.9	-848.3	334.1	-121.0	403.4	-138.8
	514	-454.8	-168.1	366.2	241.9	139.0	0.0
	513	1946.5	-113.8	311.4	-270.2	-334.4	0.0
	160	152.9	-54.7	-9.9	-459.0	274.3	0.0
11	161	138.4	-847.0	231.4	-61.8	199.5	108.4
	514	-514.7	-100.5	263.4	117.0	-120.4	0.0
	513	2149.2	-130.9	215.0	-146.3	-123.5	0.0
	160	-0.0	-0.0	-0.0	-235.6	42.8	0.0
12	161	138.3	-847.6	230.6	-61.6	198.8	108.0
	514	-504.1	-100.1	262.4	116.6	-119.1	0.0
	513	2139.2	-130.5	214.3	-145.8	-121.6	0.0
	160	-0.0	-0.0	-0.0	-234.8	41.9	0.0
13	161	138.4	-847.0	231.4	-61.8	199.5	108.4

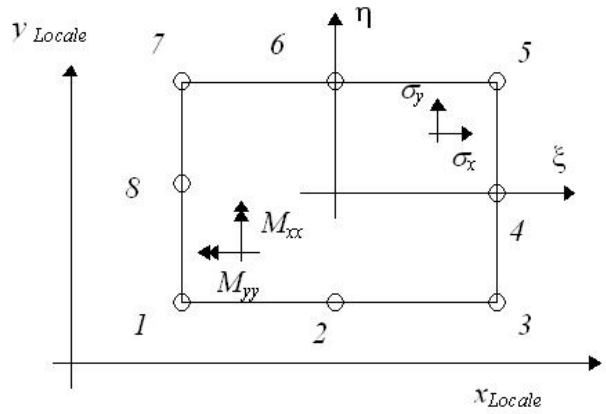
	514	-514.7	-100.5	263.4	117.0	-120.4	0.0
	513	2149.2	-130.9	215.0	-146.3	-123.5	0.0
	160	-0.0	-0.0	-0.0	-235.6	42.8	0.0
14	161	138.2	-848.1	230.1	-61.5	198.3	107.8
	514	-497.0	-99.8	261.8	116.3	-118.2	0.0
	513	2132.6	-130.3	213.8	-145.5	-120.3	0.0
	160	-0.0	-0.0	-0.0	-234.3	41.4	0.0
15	161	138.4	-847.0	231.4	-61.8	199.5	108.4
	514	-514.7	-100.5	263.4	117.0	-120.4	0.0
	513	2149.2	-130.9	215.0	-146.3	-123.5	0.0
	160	-0.0	-0.0	-0.0	-235.6	42.8	0.0
16	161	138.1	-848.6	229.6	-61.3	197.8	107.6
	514	-489.9	-99.6	261.2	116.0	-117.2	0.0
	513	2126.0	-130.0	213.4	-145.1	-119.0	0.0
	160	-0.0	-0.0	-0.0	-233.7	40.8	0.0
1	162	-423.3	-2934.7	477.3	-331.5	114.5	-230.0
	515	1303.7	29.7	143.6	80.2	230.1	0.0
	514	1554.6	-205.1	423.0	-188.0	155.8	0.0
	161	1100.2	-301.8	80.6	-260.2	-141.3	0.0
2	162	-495.2	-3392.1	546.8	-380.2	131.3	-263.7
	515	1476.0	34.7	164.7	91.7	261.5	0.0
	514	1825.9	-235.6	484.7	-215.6	175.6	0.0
	161	1271.5	-346.0	92.4	-298.2	-162.1	0.0
3	162	128.7	-1540.9	379.0	-201.9	-1.7	-81.2
	515	1378.4	-31.7	111.5	18.6	128.0	0.0
	514	608.1	-83.2	300.6	-91.9	174.8	0.0
	161	347.3	-216.9	66.8	-116.2	-142.3	0.0
4	162	555.6	-1223.7	519.3	-350.2	74.5	-187.8
	515	1216.9	19.7	69.3	52.1	238.2	0.0
	514	540.7	-129.5	403.8	-174.0	20.0	0.0
	161	250.0	-370.8	107.3	-235.8	13.2	0.0
5	162	-842.6	-2528.8	154.5	-12.2	-55.2	15.0
	515	1336.0	-71.1	173.8	-2.7	-8.4	0.0
	514	1149.6	-64.3	158.5	-3.1	367.5	0.0
	161	846.0	7.9	1.5	8.2	-353.8	0.0
6	162	-1248.3	-3058.3	102.4	2.1	-24.8	-9.2
	515	1138.1	-53.5	185.1	12.5	-15.0	0.0
	514	1546.3	-94.3	139.9	-9.1	377.8	0.0
	161	1176.0	46.6	-13.9	-4.8	-379.6	0.0
7	162	-1223.6	-3305.9	205.4	-154.1	99.5	-161.8
	515	718.9	27.0	149.1	69.2	105.9	0.0
	514	1930.5	-183.3	238.6	-111.8	209.3	0.0
	161	1447.6	-87.8	15.3	-159.4	-228.2	0.0
8	162	-796.7	-2988.6	345.7	-302.4	175.8	-268.4
	515	557.4	78.4	106.9	102.7	216.2	0.0
	514	1863.1	-229.6	341.8	-193.9	54.5	0.0
	161	1350.3	-241.8	55.8	-279.0	-72.7	0.0
9	162	580.3	-1471.3	622.3	-506.4	198.9	-340.4
	515	797.6	100.2	33.3	108.8	359.2	0.0
	514	924.9	-218.5	502.5	-276.8	-148.5	0.0
	161	521.6	-505.2	136.5	-390.5	164.6	0.0
10	162	174.6	-2000.7	570.2	-492.1	229.2	-364.6
	515	599.8	117.9	44.6	124.0	352.5	0.0
	514	1321.6	-248.6	483.9	-282.7	-138.2	0.0
	161	851.6	-466.5	121.0	-403.4	138.8	0.0
11	162	-327.8	-2259.4	365.9	-254.2	87.8	-176.4
	515	993.7	23.0	110.1	61.4	175.7	0.0
	514	1206.3	-157.4	324.3	-144.2	118.5	0.0
	161	847.0	-231.4	61.8	-199.5	-108.4	0.0
12	162	-330.1	-2261.4	364.6	-253.5	87.5	-175.8
	515	984.0	23.1	109.8	61.1	174.3	0.0
	514	1217.3	-157.0	323.1	-143.7	117.0	0.0
	161	847.6	-230.6	61.6	-198.8	-108.0	0.0
13	162	-327.8	-2259.4	365.9	-254.2	87.8	-176.4
	515	993.7	23.0	110.1	61.4	175.7	0.0
	514	1206.3	-157.4	324.3	-144.2	118.5	0.0
	161	847.0	-231.4	61.8	-199.5	-108.4	0.0
14	162	-331.7	-2262.8	363.7	-252.9	87.3	-175.4
	515	977.5	23.2	109.6	60.9	173.4	0.0
	514	1224.6	-156.8	322.4	-143.4	116.1	0.0
	161	848.1	-230.1	61.5	-198.3	-107.8	0.0
15	162	-327.8	-2259.4	365.9	-254.2	87.8	-176.4
	515	993.7	23.0	110.1	61.4	175.7	0.0

	514	1206.3	-157.4	324.3	-144.2	118.5	0.0
	161	847.0	-231.4	61.8	-199.5	-108.4	0.0
16	162	-333.2	-2264.1	362.8	-252.4	87.1	-175.0
	515	971.1	23.3	109.3	60.7	172.5	0.0
	514	1231.9	-156.5	321.6	-143.1	115.1	0.0
	161	848.6	-229.6	61.3	-197.8	-107.6	0.0

- Sollecitazioni negli elementi isoparametrici a 8 nodi

- Convenzioni adottate

Nel seguito sono riportate le sollcitazioni presenti negli elementi finiti isoparametrici a 8 nodi valutate in 4 punti all'interno di ogni elemento.



Il sistema di riferimento locale dell'elemento è così disposto

- L'asse **x**$_{locale}$ dell'elemento è disposto lungo la congiungente i nodi **1 3**
- L'asse **y**$_{locale}$ dell'elemento è disposto lungo la congiungente i nodi **1 7**
- L'asse **z**$_{locale}$ è ottenuto mediante prodotto vettoriale fra gli assi **x**$_{locale}$ e **y**$_{locale}$.

Le sollecitazioni (*tensioni - momenti - tagli*) sono da intendersi nel riferimento locale dell'elemento sopra descritto.
In particolare i 4 punti in cui vengono fornite le sollecitazioni corrispondono ai 4 punti di GAUSS in cui x=+- 0.57735... y=+- 0.57735... (a tal proposito si veda, per esempio, il testo di *R.D. Cook* riportato nel manuale in bibliografia).

Nodi Ni - Nk	Comb.	sigma$_x$ [kg/cm²]	sigma$_y$ [kg/cm²]	tau$_{xy}$ [kg/cm²]	sigma$_1$ [kg/cm²]	sigma$_2$ [kg/cm²]	Angolo [°]
251 196	1	-0.1	0.2	-0.0	-0.1	0.2	1.63
	1	-0.2	0.2	-0.0	-0.2	0.2	2.71
	1	0.0	0.1	-0.0	0.0	0.1	15.24
	1	0.2	0.2	0.0	0.2	0.2	-10.17
	2	-0.2	0.2	-0.0	-0.2	0.2	1.63
	2	-0.2	0.2	-0.0	-0.2	0.2	2.72

	2	0.1	0.1	-0.0	0.1	0.1	14.81
	2	0.2	0.3	0.0	0.2	0.3	-10.48
	3	-0.2	0.1	0.0	-0.2	0.1	-8.40
	3	-0.2	0.1	0.0	-0.2	0.1	-7.65
	3	-0.2	0.0	0.1	-0.2	0.0	-16.31
	3	-0.1	0.1	0.1	-0.1	0.2	-24.35
	4	-0.0	0.2	0.1	-0.0	0.2	-11.50
	4	-0.1	0.2	0.0	-0.1	0.2	-10.35
	4	0.1	0.1	0.1	0.0	0.2	-38.99
	4	0.2	0.2	0.1	0.1	0.3	-44.76
	5	-0.4	0.0	0.0	-0.4	0.0	-0.89
	5	-0.4	-0.0	-0.0	-0.4	-0.0	0.53
	5	-0.4	-0.1	-0.0	-0.4	-0.1	5.68
	5	-0.3	0.0	0.0	-0.3	0.0	-1.87
	6	-0.4	0.0	-0.0	-0.4	0.0	3.88
	6	-0.4	-0.0	-0.0	-0.4	-0.0	6.01
	6	-0.4	-0.1	-0.1	-0.4	-0.1	15.62
	6	-0.3	0.0	-0.0	-0.3	0.0	8.11
	7	-0.2	0.1	-0.1	-0.2	0.1	11.72
	7	-0.2	0.1	-0.1	-0.2	0.1	13.96
	7	-0.0	0.0	-0.1	-0.1	0.1	38.60
	7	0.0	0.1	-0.1	-0.0	0.2	31.63
	8	-0.0	0.2	-0.1	-0.0	0.2	15.15
	8	-0.0	0.2	-0.1	-0.0	0.2	16.16
	8	0.2	0.1	-0.1	0.3	0.1	-29.67
	8	0.3	0.2	-0.1	0.3	0.2	-32.35
	9	0.2	0.3	0.0	0.2	0.3	-5.33
	9	0.1	0.3	0.0	0.1	0.3	-4.33
	9	0.5	0.3	0.1	0.5	0.3	16.16
	9	0.5	0.3	0.1	0.5	0.3	15.27
	10	0.2	0.3	-0.0	0.2	0.3	9.51
	10	0.2	0.3	-0.0	0.2	0.3	7.72
	10	0.5	0.3	0.0	0.5	0.3	1.89
	10	0.6	0.3	0.0	0.6	0.3	1.86
	11	-0.1	0.2	-0.0	-0.1	0.2	1.63
	11	-0.1	0.1	-0.0	-0.1	0.1	2.71
	11	0.0	0.1	-0.0	0.0	0.1	15.03
	11	0.1	0.2	0.0	0.1	0.2	-10.32
	12	-0.1	0.2	-0.0	-0.1	0.2	1.63
	12	-0.1	0.1	-0.0	-0.1	0.1	2.72
	12	0.0	0.1	-0.0	0.0	0.1	14.81
	12	0.1	0.2	0.0	0.1	0.2	-10.48
	13	-0.1	0.2	-0.0	-0.1	0.2	1.63
	13	-0.1	0.1	-0.0	-0.1	0.1	2.71
	13	0.0	0.1	-0.0	0.0	0.1	15.03
	13	0.1	0.2	0.0	0.1	0.2	-10.32
	14	-0.1	0.2	-0.0	-0.1	0.2	1.63
	14	-0.1	0.1	-0.0	-0.1	0.1	2.73
	14	0.0	0.1	-0.0	0.0	0.1	14.66
	14	0.1	0.2	0.0	0.1	0.2	-10.58
	15	-0.1	0.2	-0.0	-0.1	0.2	1.63
	15	-0.1	0.1	-0.0	-0.1	0.1	2.71
	15	0.0	0.1	-0.0	0.0	0.1	15.03
	15	0.1	0.2	0.0	0.1	0.2	-10.32
	16	-0.1	0.2	-0.0	-0.1	0.2	1.63
	16	-0.1	0.1	-0.0	-0.1	0.1	2.73
	16	0.0	0.1	-0.0	0.0	0.1	14.51
	16	0.1	0.2	0.0	0.1	0.2	-10.69
251 299	1	0.2	-0.2	0.0	0.2	-0.2	1.76
	1	0.2	-0.2	0.0	0.2	-0.2	1.25
	1	0.1	-0.2	0.0	0.1	-0.2	3.52
	1	0.2	-0.2	0.0	0.2	-0.2	6.06
	2	0.2	-0.2	0.0	0.2	-0.2	1.76
	2	0.2	-0.2	0.0	0.2	-0.2	1.25
	2	0.2	-0.2	0.0	0.2	-0.2	3.53
	2	0.2	-0.2	0.0	0.2	-0.2	6.06
	3	0.1	-0.2	-0.0	0.1	-0.2	-4.35
	3	0.1	-0.2	-0.0	0.1	-0.2	-3.18
	3	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	3	0.1	-0.2	-0.0	0.1	-0.2	-2.41
	4	0.2	-0.1	-0.0	0.2	-0.1	-3.94
	4	0.1	-0.1	-0.0	0.1	-0.1	-1.51
	4	0.1	-0.1	0.0	0.1	-0.1	2.68

	4	0.1	-0.1	0.0	0.1	-0.1	1.57
	5	-0.0	-0.3	-0.0	-0.0	-0.3	-1.27
	5	0.0	-0.3	-0.0	0.0	-0.3	-2.61
	5	-0.0	-0.3	-0.0	-0.0	-0.3	-7.55
	5	-0.0	-0.3	-0.0	-0.0	-0.3	-2.27
	6	-0.0	-0.3	0.0	-0.0	-0.3	1.74
	6	0.0	-0.3	-0.0	0.0	-0.3	-0.48
	6	0.0	-0.3	-0.0	0.0	-0.3	-5.24
	6	-0.0	-0.3	0.0	-0.0	-0.3	1.18
	7	0.1	-0.2	0.0	0.1	-0.2	6.82
	7	0.1	-0.2	0.0	0.1	-0.2	3.94
	7	0.1	-0.2	0.0	0.1	-0.2	4.33
	7	0.1	-0.2	0.0	0.1	-0.2	10.01
	8	0.2	-0.1	0.0	0.2	-0.1	8.50
	8	0.2	-0.1	0.0	0.2	-0.1	5.61
	8	0.2	-0.1	0.0	0.2	-0.1	9.95
	8	0.2	-0.1	0.1	0.2	-0.1	14.46
	9	0.3	0.1	0.0	0.3	0.1	1.80
	9	0.2	-0.0	0.0	0.2	-0.0	3.03
	9	0.2	-0.0	0.1	0.2	-0.1	11.93
	9	0.3	0.0	0.0	0.3	0.0	12.14
	10	0.3	0.1	0.0	0.3	0.1	6.16
	10	0.2	-0.0	0.0	0.2	-0.0	5.15
	10	0.2	-0.0	0.1	0.2	-0.0	13.75
	10	0.3	0.1	0.1	0.3	0.0	15.94
	11	0.1	-0.1	0.0	0.1	-0.1	1.76
	11	0.1	-0.2	0.0	0.1	-0.2	1.25
	11	0.1	-0.1	0.0	0.1	-0.1	3.52
	11	0.1	-0.1	0.0	0.1	-0.1	6.06
	12	0.1	-0.1	0.0	0.1	-0.1	1.76
	12	0.1	-0.2	0.0	0.1	-0.2	1.25
	12	0.1	-0.1	0.0	0.1	-0.1	3.53
	12	0.1	-0.1	0.0	0.1	-0.1	6.06
	13	0.1	-0.1	0.0	0.1	-0.1	1.76
	13	0.1	-0.2	0.0	0.1	-0.2	1.25
	13	0.1	-0.1	0.0	0.1	-0.1	3.52
	13	0.1	-0.1	0.0	0.1	-0.1	6.06
	14	0.1	-0.1	0.0	0.1	-0.1	1.76
	14	0.1	-0.2	0.0	0.1	-0.2	1.25
	14	0.1	-0.1	0.0	0.1	-0.1	3.53
	14	0.1	-0.1	0.0	0.1	-0.1	6.06
	15	0.1	-0.1	0.0	0.1	-0.1	1.76
	15	0.1	-0.2	0.0	0.1	-0.2	1.25
	15	0.1	-0.1	0.0	0.1	-0.1	3.52
	15	0.1	-0.1	0.0	0.1	-0.1	6.06
	16	0.1	-0.1	0.0	0.1	-0.1	1.76
	16	0.1	-0.2	0.0	0.1	-0.2	1.25
	16	0.1	-0.1	0.0	0.1	-0.1	3.53
	16	0.1	-0.1	0.0	0.1	-0.1	6.06
202 253	1	0.1	0.0	0.2	0.2	-0.1	41.56
	1	0.1	-0.1	-0.0	0.1	-0.1	-4.34
	1	0.1	-0.2	-0.0	0.1	-0.2	-4.58
	1	0.1	0.1	0.1	0.0	0.1	-32.81
	2	0.1	0.0	0.2	0.2	-0.1	41.38
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.28
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.57
	2	0.1	0.1	0.1	0.0	0.2	-33.24
	3	-0.0	0.0	0.0	-0.0	0.1	-32.59
	3	0.0	-0.1	-0.0	0.0	-0.1	-16.30
	3	0.1	-0.1	-0.1	0.1	-0.2	-15.40
	3	-0.0	0.1	-0.0	-0.0	0.1	20.32
	4	0.1	0.3	0.1	0.1	0.3	-18.41
	4	0.1	0.0	-0.1	0.2	-0.0	-26.39
	4	0.2	0.0	-0.1	0.2	-0.0	-21.92
	4	0.1	0.3	-0.0	0.1	0.3	5.27
	5	-0.2	-0.4	0.1	-0.2	-0.4	22.57
	5	-0.1	-0.4	0.0	-0.1	-0.4	4.02
	5	-0.1	-0.4	-0.0	-0.1	-0.4	-0.78
	5	-0.2	-0.3	-0.0	-0.2	-0.3	-11.83
	6	-0.2	-0.5	0.1	-0.1	-0.5	22.87
	6	-0.2	-0.4	0.0	-0.1	-0.4	10.40
	6	-0.1	-0.4	0.0	-0.1	-0.4	5.34
	6	-0.2	-0.4	0.0	-0.2	-0.4	8.34

	7	-0.0	-0.3	0.2	0.1	-0.4	30.03
	7	-0.0	-0.2	0.0	-0.0	-0.3	12.61
	7	0.0	-0.2	0.0	0.0	-0.2	9.04
	7	-0.0	-0.2	0.1	0.0	-0.2	29.47
	8	0.1	-0.0	0.2	0.2	-0.2	37.25
	8	0.1	-0.1	0.0	0.1	-0.1	7.94
	8	0.1	-0.1	0.0	0.1	-0.1	6.50
	8	0.1	0.1	0.1	0.2	-0.1	41.88
	9	0.3	0.5	0.1	0.2	0.5	-25.68
	9	0.2	0.2	-0.1	0.3	0.1	-28.90
	9	0.3	0.2	-0.1	0.3	0.1	-21.03
	9	0.3	0.6	0.1	0.3	0.6	-14.03
	10	0.3	0.4	0.2	0.2	0.5	-35.61
	10	0.2	0.1	-0.0	0.2	0.1	-18.51
	10	0.3	0.1	-0.0	0.3	0.1	-10.72
	10	0.3	0.5	0.1	0.2	0.5	-26.12
	11	0.0	0.0	0.1	0.2	-0.1	41.47
	11	0.0	-0.1	-0.0	0.0	-0.1	-4.31
	11	0.1	-0.1	-0.0	0.1	-0.1	-4.58
	11	0.0	0.1	0.0	0.0	0.1	-33.02
	12	0.0	0.0	0.1	0.2	-0.1	41.38
	12	0.0	-0.1	-0.0	0.0	-0.1	-4.28
	12	0.1	-0.1	-0.0	0.1	-0.1	-4.57
	12	0.0	0.1	0.0	0.0	0.1	-33.24
	13	0.0	0.0	0.1	0.2	-0.1	41.47
	13	0.0	-0.1	-0.0	0.0	-0.1	-4.31
	13	0.1	-0.1	-0.0	0.1	-0.1	-4.58
	13	0.0	0.1	0.0	0.0	0.1	-33.02
	14	0.0	0.0	0.1	0.2	-0.1	41.32
	14	0.0	-0.1	-0.0	0.0	-0.1	-4.26
	14	0.1	-0.1	-0.0	0.1	-0.1	-4.56
	14	0.0	0.1	0.0	0.0	0.1	-33.39
	15	0.0	0.0	0.1	0.2	-0.1	41.47
	15	0.0	-0.1	-0.0	0.0	-0.1	-4.31
	15	0.1	-0.1	-0.0	0.1	-0.1	-4.58
	15	0.0	0.1	0.0	0.0	0.1	-33.02
	16	0.0	0.0	0.1	0.2	-0.1	41.26
	16	0.0	-0.1	-0.0	0.0	-0.1	-4.24
	16	0.1	-0.1	-0.0	0.1	-0.1	-4.56
	16	0.0	0.1	0.0	0.0	0.1	-33.54
210 261	1	0.3	-0.1	-0.2	0.3	-0.2	-18.58
	1	0.3	-0.2	-0.1	0.3	-0.2	-13.27
	1	0.3	-0.2	-0.1	0.3	-0.2	-9.99
	1	0.3	-0.1	-0.1	0.3	-0.2	-10.87
	2	0.3	-0.1	-0.2	0.4	-0.2	-18.60
	2	0.3	-0.2	-0.1	0.3	-0.2	-13.30
	2	0.3	-0.2	-0.1	0.3	-0.2	-10.02
	2	0.3	-0.2	-0.1	0.3	-0.2	-10.92
	3	0.3	0.0	-0.1	0.3	-0.0	-17.82
	3	0.3	-0.1	-0.1	0.3	-0.1	-9.27
	3	0.2	-0.1	-0.0	0.3	-0.1	-4.41
	3	0.3	0.0	-0.0	0.3	0.0	-6.25
	4	0.1	-0.1	-0.1	0.2	-0.1	-19.82
	4	0.2	-0.1	-0.1	0.2	-0.1	-13.56
	4	0.2	-0.1	-0.1	0.2	-0.1	-13.42
	4	0.2	-0.1	-0.1	0.2	-0.1	-11.82
	5	0.4	0.0	-0.1	0.4	0.0	-16.45
	5	0.3	-0.1	-0.1	0.3	-0.1	-7.27
	5	0.3	-0.2	-0.0	0.3	-0.2	-0.09
	5	0.4	0.0	-0.0	0.4	0.0	-3.03
	6	0.4	-0.0	-0.1	0.4	-0.0	-16.67
	6	0.3	-0.1	-0.1	0.3	-0.1	-8.53
	6	0.3	-0.2	-0.0	0.3	-0.2	-1.22
	6	0.4	-0.0	-0.0	0.4	-0.0	-4.84
	7	0.3	-0.1	-0.1	0.3	-0.2	-17.99
	7	0.2	-0.2	-0.1	0.3	-0.2	-13.19
	7	0.2	-0.2	-0.1	0.2	-0.2	-8.05
	7	0.2	-0.2	-0.1	0.2	-0.2	-10.43
	8	0.2	-0.2	-0.1	0.2	-0.2	-19.15
	8	0.1	-0.2	-0.1	0.2	-0.2	-16.72
	8	0.1	-0.2	-0.1	0.2	-0.2	-15.38
	8	0.1	-0.2	-0.1	0.2	-0.3	-13.85
	9	0.0	-0.2	-0.1	0.1	-0.2	-21.92

	9	0.1	-0.1	-0.1	0.1	-0.2	-20.86
	9	0.1	-0.1	-0.1	0.1	-0.1	-29.17
	9	0.0	-0.2	-0.1	0.1	-0.3	-17.98
	10	0.0	-0.2	-0.1	0.1	-0.3	-21.29
	10	0.1	-0.2	-0.1	0.1	-0.2	-21.27
	10	0.0	-0.1	-0.1	0.1	-0.2	-28.19
	10	0.0	-0.3	-0.1	0.1	-0.3	-17.85
	11	0.2	-0.1	-0.1	0.3	-0.1	-18.59
	11	0.2	-0.1	-0.1	0.2	-0.1	-13.29
	11	0.2	-0.1	-0.1	0.2	-0.2	-10.00
	11	0.2	-0.1	-0.1	0.2	-0.1	-10.89
	12	0.2	-0.1	-0.1	0.3	-0.1	-18.60
	12	0.2	-0.1	-0.1	0.2	-0.1	-13.30
	12	0.2	-0.1	-0.1	0.2	-0.2	-10.02
	12	0.2	-0.1	-0.1	0.2	-0.1	-10.92
	13	0.2	-0.1	-0.1	0.3	-0.1	-18.59
	13	0.2	-0.1	-0.1	0.2	-0.1	-13.29
	13	0.2	-0.1	-0.1	0.2	-0.2	-10.00
	13	0.2	-0.1	-0.1	0.2	-0.1	-10.89
	14	0.2	-0.1	-0.1	0.3	-0.1	-18.61
	14	0.2	-0.1	-0.1	0.2	-0.1	-13.32
	14	0.2	-0.1	-0.1	0.2	-0.2	-10.03
	14	0.2	-0.1	-0.1	0.2	-0.1	-10.93
	15	0.2	-0.1	-0.1	0.3	-0.1	-18.59
	15	0.2	-0.1	-0.1	0.2	-0.1	-13.29
	15	0.2	-0.1	-0.1	0.2	-0.2	-10.00
	15	0.2	-0.1	-0.1	0.2	-0.1	-10.89
	16	0.2	-0.1	-0.1	0.3	-0.1	-18.62
	16	0.2	-0.1	-0.1	0.2	-0.1	-13.33
	16	0.2	-0.1	-0.1	0.2	-0.2	-10.04
	16	0.2	-0.1	-0.1	0.2	-0.1	-10.95
208 259	1	0.2	-0.3	-0.1	0.3	-0.3	-10.46
	1	0.2	-0.2	-0.1	0.2	-0.2	-7.92
	1	0.2	-0.2	-0.0	0.2	-0.2	-6.09
	1	0.2	-0.3	-0.1	0.2	-0.3	-10.13
	2	0.3	-0.3	-0.1	0.3	-0.3	-10.47
	2	0.3	-0.2	-0.1	0.3	-0.2	-7.94
	2	0.2	-0.3	-0.1	0.2	-0.3	-6.11
	2	0.2	-0.4	-0.1	0.3	-0.4	-10.13
	3	0.2	-0.1	-0.0	0.2	-0.1	-4.67
	3	0.2	-0.1	-0.0	0.2	-0.1	-1.86
	3	0.2	-0.1	-0.0	0.2	-0.1	-0.96
	3	0.2	-0.2	-0.1	0.2	-0.2	-12.78
	4	0.1	-0.1	-0.1	0.2	-0.1	-18.12
	4	0.2	-0.1	-0.1	0.2	-0.1	-11.23
	4	0.1	-0.1	-0.0	0.2	-0.1	-11.31
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.07
	5	0.3	-0.3	0.0	0.3	-0.3	2.02
	5	0.3	-0.1	0.0	0.3	-0.1	5.67
	5	0.2	-0.2	0.0	0.2	-0.2	5.06
	5	0.2	-0.3	-0.1	0.2	-0.3	-13.25
	6	0.3	-0.3	0.0	0.3	-0.3	0.83
	6	0.3	-0.1	0.0	0.3	-0.1	4.00
	6	0.2	-0.3	0.0	0.2	-0.3	4.14
	6	0.2	-0.4	-0.1	0.3	-0.4	-12.49
	7	0.2	-0.3	-0.1	0.3	-0.3	-6.74
	7	0.2	-0.2	-0.0	0.2	-0.2	-5.52
	7	0.1	-0.3	-0.0	0.1	-0.3	-3.00
	7	0.2	-0.4	-0.1	0.2	-0.4	-10.15
	8	0.2	-0.3	-0.1	0.2	-0.3	-14.78
	8	0.1	-0.2	-0.1	0.1	-0.3	-12.38
	8	0.1	-0.2	-0.1	0.1	-0.2	-10.58
	8	0.2	-0.3	-0.1	0.2	-0.3	-8.00
	9	0.0	-0.1	-0.2	0.1	-0.2	-32.83
	9	0.1	-0.2	-0.1	0.1	-0.2	-20.32
	9	0.1	-0.1	-0.1	0.1	-0.1	-25.01
	9	0.1	-0.1	-0.0	0.1	-0.1	-2.44
	10	0.0	-0.2	-0.2	0.1	-0.3	-29.58
	10	0.1	-0.2	-0.1	0.1	-0.3	-19.92
	10	0.1	-0.1	-0.1	0.1	-0.2	-23.34
	10	0.1	-0.2	-0.0	0.1	-0.2	-3.18
	11	0.2	-0.2	-0.1	0.2	-0.2	-10.46
	11	0.2	-0.2	-0.0	0.2	-0.2	-7.93

	11	0.1	-0.2	-0.0	0.2	-0.2	-6.10
	11	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	12	0.2	-0.2	-0.1	0.2	-0.2	-10.47
	12	0.2	-0.2	-0.0	0.2	-0.2	-7.94
	12	0.1	-0.2	-0.0	0.2	-0.2	-6.11
	12	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	13	0.2	-0.2	-0.1	0.2	-0.2	-10.46
	13	0.2	-0.2	-0.0	0.2	-0.2	-7.93
	13	0.1	-0.2	-0.0	0.2	-0.2	-6.10
	13	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	14	0.2	-0.2	-0.1	0.2	-0.2	-10.47
	14	0.2	-0.2	-0.0	0.2	-0.2	-7.95
	14	0.1	-0.2	-0.0	0.2	-0.2	-6.11
	14	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	15	0.2	-0.2	-0.1	0.2	-0.2	-10.46
	15	0.2	-0.2	-0.0	0.2	-0.2	-7.93
	15	0.1	-0.2	-0.0	0.2	-0.2	-6.10
	15	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	16	0.2	-0.2	-0.1	0.2	-0.2	-10.48
	16	0.2	-0.2	-0.0	0.2	-0.2	-7.96
	16	0.1	-0.2	-0.0	0.2	-0.2	-6.11
	16	0.2	-0.2	-0.1	0.2	-0.2	-10.13
206 257	1	0.2	-0.3	-0.1	0.3	-0.4	-7.95
	1	0.2	-0.3	-0.0	0.2	-0.3	-1.35
	1	0.1	-0.3	0.0	0.1	-0.3	5.23
	1	0.2	-0.4	0.0	0.2	-0.4	1.82
	2	0.3	-0.4	-0.1	0.3	-0.4	-7.93
	2	0.2	-0.3	-0.0	0.2	-0.3	-1.36
	2	0.1	-0.3	0.0	0.1	-0.3	5.23
	2	0.2	-0.5	0.0	0.2	-0.5	1.83
	3	0.2	-0.2	-0.1	0.2	-0.2	-7.10
	3	0.2	-0.2	0.0	0.2	-0.2	2.16
	3	0.1	-0.2	0.1	0.1	-0.2	10.13
	3	0.1	-0.3	0.0	0.1	-0.3	2.61
	4	0.1	-0.1	-0.1	0.1	-0.2	-12.27
	4	0.1	-0.1	-0.0	0.1	-0.1	-9.36
	4	0.1	-0.1	-0.0	0.1	-0.1	-5.86
	4	0.1	-0.1	-0.0	0.1	-0.1	-0.46
	5	0.3	-0.3	-0.0	0.3	-0.3	-4.10
	5	0.2	-0.3	0.1	0.2	-0.3	8.15
	5	0.1	-0.4	0.2	0.1	-0.4	17.81
	5	0.1	-0.5	0.0	0.1	-0.5	4.64
	6	0.3	-0.4	-0.1	0.3	-0.4	-4.04
	6	0.2	-0.4	0.1	0.2	-0.4	7.95
	6	0.1	-0.4	0.2	0.1	-0.4	17.37
	6	0.1	-0.5	0.0	0.1	-0.5	4.58
	7	0.2	-0.4	-0.1	0.2	-0.4	-5.90
	7	0.1	-0.3	0.0	0.1	-0.3	2.78
	7	0.1	-0.3	0.1	0.1	-0.4	10.58
	7	0.1	-0.5	0.0	0.1	-0.5	3.04
	8	0.2	-0.3	-0.1	0.2	-0.3	-8.63
	8	0.1	-0.3	-0.0	0.1	-0.3	-4.90
	8	0.1	-0.3	0.0	0.1	-0.3	0.76
	8	0.1	-0.4	0.0	0.1	-0.4	1.19
	9	0.0	-0.1	-0.1	0.1	-0.2	-21.64
	9	0.1	-0.1	-0.1	0.1	-0.1	-28.06
	9	0.1	-0.0	-0.1	0.2	-0.1	-25.06
	9	0.2	-0.1	-0.0	0.2	-0.1	-4.96
	10	0.0	-0.2	-0.1	0.1	-0.2	-17.75
	10	0.1	-0.1	-0.1	0.1	-0.2	-24.46
	10	0.1	-0.1	-0.1	0.2	-0.1	-21.04
	10	0.2	-0.2	-0.0	0.2	-0.2	-3.42
	11	0.2	-0.3	-0.1	0.2	-0.3	-7.94
	11	0.1	-0.2	-0.0	0.1	-0.2	-1.35
	11	0.1	-0.2	0.0	0.1	-0.2	5.23
	11	0.1	-0.3	0.0	0.1	-0.3	1.83
	12	0.2	-0.3	-0.1	0.2	-0.3	-7.93
	12	0.1	-0.2	-0.0	0.1	-0.2	-1.36
	12	0.1	-0.2	0.0	0.1	-0.2	5.23
	12	0.1	-0.3	0.0	0.1	-0.3	1.83
	13	0.2	-0.3	-0.1	0.2	-0.3	-7.94
	13	0.1	-0.2	-0.0	0.1	-0.2	-1.35
	13	0.1	-0.2	0.0	0.1	-0.2	5.23

	13	0.1	-0.3	0.0	0.1	-0.3	1.83
	14	0.2	-0.3	-0.1	0.2	-0.3	-7.92
	14	0.1	-0.2	-0.0	0.1	-0.2	-1.36
	14	0.1	-0.2	0.0	0.1	-0.2	5.23
	14	0.1	-0.3	0.0	0.1	-0.3	1.83
	15	0.2	-0.3	-0.1	0.2	-0.3	-7.94
	15	0.1	-0.2	-0.0	0.1	-0.2	-1.35
	15	0.1	-0.2	0.0	0.1	-0.2	5.23
	15	0.1	-0.3	0.0	0.1	-0.3	1.83
	16	0.2	-0.3	-0.1	0.2	-0.3	-7.91
	16	0.1	-0.2	-0.0	0.1	-0.2	-1.36
	16	0.1	-0.2	0.0	0.1	-0.2	5.23
	16	0.1	-0.3	0.0	0.1	-0.3	1.84
204 255	1	0.1	-0.5	0.0	0.1	-0.5	2.11
	1	0.0	-0.3	0.1	0.1	-0.3	10.84
	1	0.0	-0.2	0.0	0.0	-0.2	5.17
	1	-0.0	-0.5	0.2	0.0	-0.6	16.64
	2	0.1	-0.5	0.0	0.1	-0.5	2.16
	2	0.1	-0.3	0.1	0.1	-0.3	10.82
	2	0.0	-0.2	0.0	0.1	-0.2	5.20
	2	-0.0	-0.6	0.2	0.0	-0.6	16.64
	3	0.1	-0.3	0.0	0.1	-0.3	1.67
	3	0.0	-0.2	0.1	0.0	-0.2	13.31
	3	0.0	-0.2	-0.0	0.0	-0.2	-1.74
	3	-0.1	-0.3	0.1	-0.0	-0.4	12.32
	4	0.1	-0.2	-0.0	0.1	-0.2	-1.98
	4	0.1	-0.1	-0.0	0.1	-0.1	-5.13
	4	0.1	-0.0	-0.0	0.1	-0.0	-18.55
	4	0.1	-0.1	0.1	0.1	-0.2	20.46
	5	-0.1	-0.6	0.0	-0.0	-0.6	5.08
	5	-0.1	-0.4	0.1	0.0	-0.4	21.55
	5	-0.1	-0.4	0.1	-0.1	-0.4	17.11
	5	-0.2	-0.7	0.1	-0.2	-0.7	9.08
	6	-0.1	-0.6	0.1	-0.1	-0.6	5.51
	6	-0.1	-0.4	0.2	0.0	-0.5	21.57
	6	-0.1	-0.4	0.1	-0.1	-0.4	19.67
	6	-0.2	-0.8	0.1	-0.2	-0.8	10.49
	7	0.0	-0.6	0.0	0.0	-0.6	4.38
	7	-0.0	-0.3	0.1	0.0	-0.4	16.75
	7	-0.0	-0.3	0.1	-0.0	-0.3	17.03
	7	-0.1	-0.7	0.2	-0.0	-0.7	15.19
	8	0.1	-0.4	0.0	0.1	-0.4	2.61
	8	0.0	-0.2	0.0	0.0	-0.2	8.73
	8	0.1	-0.2	0.0	0.1	-0.2	10.08
	8	0.0	-0.4	0.2	0.1	-0.5	18.96
	9	0.2	-0.1	-0.0	0.2	-0.1	-4.75
	9	0.1	0.0	-0.1	0.2	-0.0	-24.41
	9	0.2	0.1	-0.1	0.2	0.1	-24.17
	9	0.2	0.0	0.1	0.3	-0.1	28.84
	10	0.2	-0.1	-0.0	0.2	-0.1	-2.30
	10	0.1	-0.0	-0.1	0.1	-0.1	-17.09
	10	0.2	0.0	-0.0	0.2	0.0	-14.86
	10	0.2	-0.1	0.2	0.2	-0.2	26.22
	11	0.1	-0.4	0.0	0.1	-0.4	2.14
	11	0.0	-0.2	0.0	0.0	-0.2	10.83
	11	0.0	-0.2	0.0	0.0	-0.2	5.19
	11	-0.0	-0.4	0.1	0.0	-0.4	16.64
	12	0.1	-0.4	0.0	0.1	-0.4	2.16
	12	0.0	-0.2	0.0	0.0	-0.2	10.82
	12	0.0	-0.2	0.0	0.0	-0.2	5.20
	12	-0.0	-0.4	0.1	0.0	-0.4	16.64
	13	0.1	-0.4	0.0	0.1	-0.4	2.14
	13	0.0	-0.2	0.0	0.0	-0.2	10.83
	13	0.0	-0.2	0.0	0.0	-0.2	5.19
	13	-0.0	-0.4	0.1	0.0	-0.4	16.64
	14	0.1	-0.4	0.0	0.1	-0.4	2.18
	14	0.0	-0.2	0.0	0.0	-0.2	10.81
	14	0.0	-0.2	0.0	0.0	-0.2	5.22
	14	-0.0	-0.4	0.1	0.0	-0.4	16.65
	15	0.1	-0.4	0.0	0.1	-0.4	2.14
	15	0.0	-0.2	0.0	0.0	-0.2	10.83
	15	0.0	-0.2	0.0	0.0	-0.2	5.19
	15	-0.0	-0.4	0.1	0.0	-0.4	16.64

	16	0.1	-0.4	0.0	0.1	-0.4	2.20
	16	0.0	-0.2	0.0	0.0	-0.2	10.81
	16	0.0	-0.2	0.0	0.0	-0.2	5.23
	16	-0.0	-0.4	0.1	0.0	-0.4	16.65
200 251	1	0.1	0.0	-0.0	0.1	0.0	-15.24
	1	0.2	-0.2	-0.0	0.2	-0.2	-2.71
	1	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	1	0.2	0.2	0.0	0.2	0.2	10.17
	2	0.1	0.1	-0.0	0.1	0.1	-14.81
	2	0.2	-0.2	-0.0	0.2	-0.2	-2.72
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.63
	2	0.3	0.2	0.0	0.3	0.2	10.48
	3	0.0	-0.0	-0.1	0.1	-0.1	-38.60
	3	0.1	-0.2	-0.1	0.1	-0.2	-13.96
	3	0.1	-0.2	-0.1	0.1	-0.2	-11.72
	3	0.1	0.0	-0.1	0.2	-0.0	-31.63
	4	0.1	0.2	-0.1	0.1	0.3	29.67
	4	0.2	-0.0	-0.1	0.2	-0.0	-16.16
	4	0.2	-0.0	-0.1	0.2	-0.0	-15.15
	4	0.2	0.3	-0.1	0.2	0.3	32.35
	5	-0.1	-0.4	-0.1	-0.1	-0.4	-15.62
	5	-0.0	-0.4	-0.0	-0.0	-0.4	-6.01
	5	0.0	-0.4	-0.0	0.0	-0.4	-3.88
	5	0.0	-0.3	-0.0	0.0	-0.3	-8.11
	6	-0.1	-0.4	-0.0	-0.1	-0.4	-5.68
	6	-0.0	-0.4	-0.0	-0.0	-0.4	-0.53
	6	0.0	-0.4	0.0	0.0	-0.4	0.89
	6	0.0	-0.3	0.0	0.0	-0.3	1.87
	7	0.0	-0.2	0.1	0.0	-0.2	16.31
	7	0.1	-0.2	0.0	0.1	-0.2	7.65
	7	0.1	-0.2	0.0	0.1	-0.2	8.40
	7	0.1	-0.1	0.1	0.2	-0.1	24.35
	8	0.1	0.1	0.1	0.2	0.0	38.99
	8	0.2	-0.1	0.0	0.2	-0.1	10.35
	8	0.2	-0.0	0.1	0.2	-0.0	11.50
	8	0.2	0.2	0.1	0.3	0.1	44.76
	9	0.3	0.5	0.0	0.3	0.5	-1.89
	9	0.3	0.2	-0.0	0.3	0.2	-7.72
	9	0.3	0.2	-0.0	0.3	0.2	-9.51
	9	0.3	0.6	0.0	0.3	0.6	-1.86
	10	0.3	0.5	0.1	0.3	0.5	-16.16
	10	0.3	0.1	0.0	0.3	0.1	4.33
	10	0.3	0.2	0.0	0.3	0.2	5.33
	10	0.3	0.5	0.1	0.3	0.5	-15.27
	11	0.1	0.0	-0.0	0.1	0.0	-15.03
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.71
	11	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	11	0.2	0.1	0.0	0.2	0.1	10.32
	12	0.1	0.0	-0.0	0.1	0.0	-14.81
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.72
	12	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	12	0.2	0.1	0.0	0.2	0.1	10.48
	13	0.1	0.0	-0.0	0.1	0.0	-15.03
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.71
	13	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	13	0.2	0.1	0.0	0.2	0.1	10.32
	14	0.1	0.0	-0.0	0.1	0.0	-14.66
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.73
	14	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	14	0.2	0.1	0.0	0.2	0.1	10.58
	15	0.1	0.0	-0.0	0.1	0.0	-15.03
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.71
	15	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	15	0.2	0.1	0.0	0.2	0.1	10.32
	16	0.1	0.0	-0.0	0.1	0.0	-14.51
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.73
	16	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	16	0.2	0.1	0.0	0.2	0.1	10.69
190 244	1	0.2	-0.3	0.1	0.2	-0.3	10.13
	1	0.2	-0.2	0.0	0.2	-0.2	6.09
	1	0.2	-0.2	0.1	0.2	-0.2	7.92
	1	0.2	-0.3	0.1	0.3	-0.3	10.46

	2	0.2	-0.4	0.1	0.3	-0.4	10.13
	2	0.2	-0.3	0.1	0.2	-0.3	6.11
	2	0.3	-0.2	0.1	0.3	-0.2	7.94
	2	0.3	-0.3	0.1	0.3	-0.3	10.47
	3	0.2	-0.4	0.1	0.2	-0.4	10.15
	3	0.1	-0.3	0.0	0.1	-0.3	3.00
	3	0.2	-0.2	0.0	0.2	-0.2	5.52
	3	0.2	-0.3	0.1	0.3	-0.3	6.74
	4	0.2	-0.3	0.1	0.2	-0.3	8.00
	4	0.1	-0.2	0.1	0.1	-0.2	10.58
	4	0.1	-0.2	0.1	0.1	-0.3	12.38
	4	0.2	-0.3	0.1	0.2	-0.3	14.78
	5	0.2	-0.4	0.1	0.3	-0.4	12.49
	5	0.2	-0.3	-0.0	0.2	-0.3	-4.14
	5	0.3	-0.1	-0.0	0.3	-0.1	-4.00
	5	0.3	-0.3	-0.0	0.3	-0.3	-0.83
	6	0.2	-0.3	0.1	0.2	-0.3	13.25
	6	0.2	-0.2	-0.0	0.2	-0.2	-5.06
	6	0.3	-0.1	-0.0	0.3	-0.1	-5.67
	6	0.3	-0.3	-0.0	0.3	-0.3	-2.02
	7	0.2	-0.2	0.1	0.2	-0.2	12.78
	7	0.2	-0.1	0.0	0.2	-0.1	0.96
	7	0.2	-0.1	0.0	0.2	-0.1	1.86
	7	0.2	-0.1	0.0	0.2	-0.1	4.67
	8	0.1	-0.1	0.0	0.1	-0.1	10.07
	8	0.1	-0.1	0.0	0.2	-0.1	11.31
	8	0.2	-0.1	0.1	0.2	-0.1	11.23
	8	0.1	-0.1	0.1	0.2	-0.1	18.12
	9	0.1	-0.2	0.0	0.1	-0.2	3.18
	9	0.1	-0.1	0.1	0.1	-0.2	23.34
	9	0.1	-0.2	0.1	0.1	-0.3	19.92
	9	0.0	-0.2	0.2	0.1	-0.3	29.58
	10	0.1	-0.1	0.0	0.1	-0.1	2.44
	10	0.1	-0.1	0.1	0.1	-0.1	25.01
	10	0.1	-0.2	0.1	0.1	-0.2	20.32
	10	0.0	-0.1	0.2	0.1	-0.2	32.83
	11	0.2	-0.2	0.1	0.2	-0.2	10.13
	11	0.1	-0.2	0.0	0.2	-0.2	6.10
	11	0.2	-0.2	0.0	0.2	-0.2	7.93
	11	0.2	-0.2	0.1	0.2	-0.2	10.46
	12	0.2	-0.2	0.1	0.2	-0.2	10.13
	12	0.1	-0.2	0.0	0.2	-0.2	6.11
	12	0.2	-0.2	0.0	0.2	-0.2	7.94
	12	0.2	-0.2	0.1	0.2	-0.2	10.47
	13	0.2	-0.2	0.1	0.2	-0.2	10.13
	13	0.1	-0.2	0.0	0.2	-0.2	6.10
	13	0.2	-0.2	0.0	0.2	-0.2	7.93
	13	0.2	-0.2	0.1	0.2	-0.2	10.46
	14	0.2	-0.2	0.1	0.2	-0.2	10.13
	14	0.1	-0.2	0.0	0.2	-0.2	6.11
	14	0.2	-0.2	0.0	0.2	-0.2	7.95
	14	0.2	-0.2	0.1	0.2	-0.2	10.47
	15	0.2	-0.2	0.1	0.2	-0.2	10.13
	15	0.1	-0.2	0.0	0.2	-0.2	6.10
	15	0.2	-0.2	0.0	0.2	-0.2	7.93
	15	0.2	-0.2	0.1	0.2	-0.2	10.46
	16	0.2	-0.2	0.1	0.2	-0.2	10.13
	16	0.1	-0.2	0.0	0.2	-0.2	6.11
	16	0.2	-0.2	0.0	0.2	-0.2	7.96
	16	0.2	-0.2	0.1	0.2	-0.2	10.48
196 247	1	0.1	0.1	-0.1	0.0	0.1	32.81
	1	0.1	-0.2	0.0	0.1	-0.2	4.58
	1	0.1	-0.1	0.0	0.1	-0.1	4.34
	1	0.1	0.0	-0.2	0.2	-0.1	-41.56
	2	0.1	0.1	-0.1	0.0	0.2	33.24
	2	0.1	-0.2	0.0	0.1	-0.2	4.57
	2	0.1	-0.2	0.0	0.1	-0.2	4.28
	2	0.1	0.0	-0.2	0.2	-0.1	-41.38
	3	-0.0	-0.2	-0.1	0.0	-0.2	-29.47
	3	0.0	-0.2	-0.0	0.0	-0.2	-9.04
	3	-0.0	-0.2	-0.0	-0.0	-0.3	-12.61
	3	-0.0	-0.3	-0.2	0.1	-0.4	-30.03
	4	0.1	0.1	-0.1	0.2	-0.1	-41.88

	4	0.1	-0.1	-0.0	0.1	-0.1	-6.50
	4	0.1	-0.1	-0.0	0.1	-0.1	-7.94
	4	0.1	-0.0	-0.2	0.2	-0.2	-37.25
	5	-0.2	-0.4	-0.0	-0.2	-0.4	-8.34
	5	-0.1	-0.4	-0.0	-0.1	-0.4	-5.34
	5	-0.2	-0.4	-0.0	-0.1	-0.4	-10.40
	5	-0.2	-0.5	-0.1	-0.1	-0.5	-22.87
	6	-0.2	-0.3	0.0	-0.2	-0.3	11.83
	6	-0.1	-0.4	0.0	-0.1	-0.4	0.78
	6	-0.1	-0.4	-0.0	-0.1	-0.4	-4.02
	6	-0.2	-0.4	-0.1	-0.2	-0.4	-22.57
	7	-0.0	0.1	0.0	-0.0	0.1	-20.32
	7	0.1	-0.1	0.1	0.1	-0.2	15.40
	7	0.0	-0.1	0.0	0.0	-0.1	16.30
	7	-0.0	0.0	-0.0	-0.0	0.1	32.59
	8	0.1	0.3	0.0	0.1	0.3	-5.27
	8	0.2	0.0	0.1	0.2	-0.0	21.92
	8	0.1	0.0	0.1	0.2	-0.0	26.39
	8	0.1	0.3	-0.1	0.1	0.3	18.41
	9	0.3	0.5	-0.1	0.2	0.5	26.12
	9	0.3	0.1	0.0	0.3	0.1	10.72
	9	0.2	0.1	0.0	0.2	0.1	18.51
	9	0.3	0.4	-0.2	0.2	0.5	35.61
	10	0.3	0.6	-0.1	0.3	0.6	14.03
	10	0.3	0.2	0.1	0.3	0.1	21.03
	10	0.2	0.2	0.1	0.3	0.1	28.90
	10	0.3	0.5	-0.1	0.2	0.5	25.68
	11	0.0	0.1	-0.0	0.0	0.1	33.02
	11	0.1	-0.1	0.0	0.1	-0.1	4.58
	11	0.0	-0.1	0.0	0.0	-0.1	4.31
	11	0.0	0.0	-0.1	0.2	-0.1	-41.47
	12	0.0	0.1	-0.0	0.0	0.1	33.24
	12	0.1	-0.1	0.0	0.1	-0.1	4.57
	12	0.0	-0.1	0.0	0.0	-0.1	4.28
	12	0.0	0.0	-0.1	0.2	-0.1	-41.38
	13	0.0	0.1	-0.0	0.0	0.1	33.02
	13	0.1	-0.1	0.0	0.1	-0.1	4.58
	13	0.0	-0.1	0.0	0.0	-0.1	4.31
	13	0.0	0.0	-0.1	0.2	-0.1	-41.47
	14	0.0	0.1	-0.0	0.0	0.1	33.39
	14	0.1	-0.1	0.0	0.1	-0.1	4.56
	14	0.0	-0.1	0.0	0.0	-0.1	4.26
	14	0.0	0.0	-0.1	0.2	-0.1	-41.32
	15	0.0	0.1	-0.0	0.0	0.1	33.02
	15	0.1	-0.1	0.0	0.1	-0.1	4.58
	15	0.0	-0.1	0.0	0.0	-0.1	4.31
	15	0.0	0.0	-0.1	0.2	-0.1	-41.47
	16	0.0	0.1	-0.0	0.0	0.1	33.54
	16	0.1	-0.1	0.0	0.1	-0.1	4.56
	16	0.0	-0.1	0.0	0.0	-0.1	4.24
	16	0.0	0.0	-0.1	0.2	-0.1	-41.26
188 242	1	0.3	-0.1	0.1	0.3	-0.2	10.87
	1	0.3	-0.2	0.1	0.3	-0.2	9.99
	1	0.3	-0.2	0.1	0.3	-0.2	13.27
	1	0.3	-0.1	0.2	0.3	-0.2	18.58
	2	0.3	-0.2	0.1	0.3	-0.2	10.92
	2	0.3	-0.2	0.1	0.3	-0.2	10.02
	2	0.3	-0.2	0.1	0.3	-0.2	13.30
	2	0.3	-0.1	0.2	0.4	-0.2	18.60
	3	0.2	-0.2	0.1	0.2	-0.2	10.43
	3	0.2	-0.2	0.1	0.2	-0.2	8.05
	3	0.2	-0.2	0.1	0.3	-0.2	13.19
	3	0.3	-0.1	0.1	0.3	-0.2	17.99
	4	0.1	-0.2	0.1	0.2	-0.3	13.85
	4	0.1	-0.2	0.1	0.2	-0.2	15.38
	4	0.1	-0.2	0.1	0.2	-0.2	16.72
	4	0.2	-0.2	0.1	0.2	-0.2	19.15
	5	0.4	-0.0	0.0	0.4	-0.0	4.84
	5	0.3	-0.2	0.0	0.3	-0.2	1.22
	5	0.3	-0.1	0.1	0.3	-0.1	8.53
	5	0.4	-0.0	0.1	0.4	-0.0	16.67
	6	0.4	0.0	0.0	0.4	0.0	3.03
	6	0.3	-0.2	0.0	0.3	-0.2	0.09

	6	0.3	-0.1	0.1	0.3	-0.1	7.27
	6	0.4	0.0	0.1	0.4	0.0	16.45
	7	0.3	0.0	0.0	0.3	0.0	6.25
	7	0.2	-0.1	0.0	0.3	-0.1	4.41
	7	0.3	-0.1	0.1	0.3	-0.1	9.27
	7	0.3	0.0	0.1	0.3	-0.0	17.82
	8	0.2	-0.1	0.1	0.2	-0.1	11.82
	8	0.2	-0.1	0.1	0.2	-0.1	13.42
	8	0.2	-0.1	0.1	0.2	-0.1	13.56
	8	0.1	-0.1	0.1	0.2	-0.1	19.82
	9	0.0	-0.3	0.1	0.1	-0.3	17.85
	9	0.0	-0.1	0.1	0.1	-0.2	28.19
	9	0.1	-0.2	0.1	0.1	-0.2	21.27
	9	0.0	-0.2	0.1	0.1	-0.3	21.29
	10	0.0	-0.2	0.1	0.1	-0.3	17.98
	10	0.1	-0.1	0.1	0.1	-0.1	29.17
	10	0.1	-0.1	0.1	0.1	-0.2	20.86
	10	0.0	-0.2	0.1	0.1	-0.2	21.92
	11	0.2	-0.1	0.1	0.2	-0.1	10.89
	11	0.2	-0.1	0.1	0.2	-0.2	10.00
	11	0.2	-0.1	0.1	0.2	-0.1	13.29
	11	0.2	-0.1	0.1	0.3	-0.1	18.59
	12	0.2	-0.1	0.1	0.2	-0.1	10.92
	12	0.2	-0.1	0.1	0.2	-0.2	10.02
	12	0.2	-0.1	0.1	0.2	-0.1	13.30
	12	0.2	-0.1	0.1	0.3	-0.1	18.60
	13	0.2	-0.1	0.1	0.2	-0.1	10.89
	13	0.2	-0.1	0.1	0.2	-0.2	10.00
	13	0.2	-0.1	0.1	0.2	-0.1	13.29
	13	0.2	-0.1	0.1	0.3	-0.1	18.59
	14	0.2	-0.1	0.1	0.2	-0.1	10.93
	14	0.2	-0.1	0.1	0.2	-0.2	10.03
	14	0.2	-0.1	0.1	0.2	-0.1	13.32
	14	0.2	-0.1	0.1	0.3	-0.1	18.61
	15	0.2	-0.1	0.1	0.2	-0.1	10.89
	15	0.2	-0.1	0.1	0.2	-0.2	10.00
	15	0.2	-0.1	0.1	0.2	-0.1	13.29
	15	0.2	-0.1	0.1	0.3	-0.1	18.59
	16	0.2	-0.1	0.1	0.2	-0.1	10.95
	16	0.2	-0.1	0.1	0.2	-0.2	10.04
	16	0.2	-0.1	0.1	0.2	-0.1	13.33
	16	0.2	-0.1	0.1	0.3	-0.1	18.62
186 240	1	0.2	-0.1	0.1	0.3	-0.1	17.43
	1	0.2	-0.1	0.1	0.3	-0.2	16.41
	1	0.2	-0.1	0.1	0.3	-0.1	17.34
	1	0.2	-0.1	0.1	0.2	-0.1	19.68
	2	0.3	-0.1	0.1	0.3	-0.1	17.50
	2	0.3	-0.1	0.1	0.3	-0.2	16.45
	2	0.3	-0.1	0.1	0.3	-0.2	17.40
	2	0.2	-0.1	0.1	0.3	-0.2	19.74
	3	0.2	-0.1	0.1	0.3	-0.1	19.97
	3	0.2	-0.1	0.1	0.3	-0.2	17.88
	3	0.2	-0.1	0.1	0.2	-0.1	19.86
	3	0.2	-0.1	0.1	0.2	-0.1	21.62
	4	0.2	-0.1	0.1	0.2	-0.2	17.82
	4	0.2	-0.2	0.1	0.2	-0.2	16.99
	4	0.2	-0.1	0.1	0.2	-0.2	18.43
	4	0.2	-0.1	0.1	0.2	-0.2	21.78
	5	0.3	0.0	0.1	0.3	-0.0	22.31
	5	0.3	-0.1	0.1	0.3	-0.1	18.36
	5	0.2	-0.0	0.1	0.3	-0.1	20.67
	5	0.2	-0.0	0.1	0.2	-0.1	19.93
	6	0.2	0.1	0.1	0.3	0.0	22.19
	6	0.3	-0.0	0.1	0.3	-0.1	17.94
	6	0.2	-0.0	0.1	0.2	-0.1	19.84
	6	0.2	-0.0	0.1	0.2	-0.0	18.06
	7	0.2	0.0	0.1	0.2	0.0	17.05
	7	0.2	-0.0	0.1	0.2	-0.1	15.79
	7	0.2	-0.0	0.1	0.2	-0.1	15.95
	7	0.2	-0.0	0.1	0.2	-0.0	15.88
	8	0.1	-0.0	0.0	0.2	-0.0	12.65
	8	0.2	-0.1	0.1	0.2	-0.1	14.09
	8	0.2	-0.1	0.1	0.2	-0.1	13.59

	8	0.1	-0.1	0.1	0.2	-0.1	16.79
	9	0.1	-0.2	0.1	0.1	-0.2	13.59
	9	0.1	-0.2	0.1	0.1	-0.2	14.68
	9	0.1	-0.1	0.1	0.2	-0.2	15.12
	9	0.1	-0.1	0.1	0.2	-0.2	20.90
	10	0.1	-0.1	0.0	0.1	-0.1	11.50
	10	0.1	-0.1	0.1	0.1	-0.1	13.46
	10	0.1	-0.1	0.1	0.1	-0.1	13.39
	10	0.1	-0.1	0.1	0.2	-0.2	19.68
	11	0.2	-0.1	0.1	0.2	-0.1	17.46
	11	0.2	-0.1	0.1	0.2	-0.1	16.43
	11	0.2	-0.1	0.1	0.2	-0.1	17.37
	11	0.2	-0.1	0.1	0.2	-0.1	19.71
	12	0.2	-0.1	0.1	0.2	-0.1	17.50
	12	0.2	-0.1	0.1	0.2	-0.1	16.45
	12	0.2	-0.1	0.1	0.2	-0.1	17.40
	12	0.2	-0.1	0.1	0.2	-0.1	19.74
	13	0.2	-0.1	0.1	0.2	-0.1	17.46
	13	0.2	-0.1	0.1	0.2	-0.1	16.43
	13	0.2	-0.1	0.1	0.2	-0.1	17.37
	13	0.2	-0.1	0.1	0.2	-0.1	19.71
	14	0.2	-0.1	0.1	0.2	-0.1	17.52
	14	0.2	-0.1	0.1	0.2	-0.1	16.47
	14	0.2	-0.1	0.1	0.2	-0.1	17.41
	14	0.2	-0.1	0.1	0.2	-0.1	19.77
	15	0.2	-0.1	0.1	0.2	-0.1	17.46
	15	0.2	-0.1	0.1	0.2	-0.1	16.43
	15	0.2	-0.1	0.1	0.2	-0.1	17.37
	15	0.2	-0.1	0.1	0.2	-0.1	19.71
	16	0.2	-0.1	0.1	0.2	-0.1	17.55
	16	0.2	-0.1	0.1	0.2	-0.1	16.48
	16	0.2	-0.1	0.1	0.2	-0.1	17.43
	16	0.2	-0.1	0.1	0.2	-0.1	19.79
184 238	1	0.2	-0.1	0.1	0.2	-0.1	11.99
	1	0.2	-0.1	0.1	0.2	-0.1	17.35
	1	0.2	-0.1	0.1	0.2	-0.1	18.14
	1	0.2	-0.2	0.1	0.2	-0.2	13.17
	2	0.2	-0.1	0.1	0.2	-0.1	12.12
	2	0.2	-0.1	0.1	0.3	-0.2	17.41
	2	0.2	-0.1	0.1	0.3	-0.2	18.17
	2	0.2	-0.2	0.1	0.3	-0.2	13.27
	3	0.2	-0.1	0.1	0.2	-0.1	16.75
	3	0.2	-0.1	0.1	0.2	-0.1	19.50
	3	0.2	-0.1	0.1	0.2	-0.1	19.94
	3	0.2	-0.1	0.1	0.2	-0.1	16.68
	4	0.1	-0.1	0.1	0.2	-0.2	16.81
	4	0.2	-0.1	0.1	0.2	-0.2	19.88
	4	0.2	-0.1	0.1	0.2	-0.1	20.53
	4	0.2	-0.1	0.1	0.2	-0.2	17.81
	5	0.2	-0.0	0.1	0.2	-0.0	13.36
	5	0.2	-0.0	0.1	0.2	-0.1	17.36
	5	0.2	-0.1	0.1	0.2	-0.1	17.67
	5	0.2	-0.1	0.1	0.2	-0.1	12.05
	6	0.2	-0.0	0.0	0.2	-0.0	9.21
	6	0.2	-0.0	0.1	0.2	-0.1	15.49
	6	0.2	-0.0	0.1	0.2	-0.1	16.03
	6	0.2	-0.1	0.0	0.2	-0.1	8.69
	7	0.1	-0.0	0.0	0.1	-0.0	3.77
	7	0.2	-0.0	0.1	0.2	-0.1	13.65
	7	0.1	-0.1	0.1	0.2	-0.1	14.81
	7	0.1	-0.1	0.0	0.2	-0.1	6.70
	8	0.1	-0.1	0.0	0.1	-0.1	5.03
	8	0.1	-0.1	0.1	0.2	-0.1	14.51
	8	0.1	-0.1	0.1	0.2	-0.1	15.80
	8	0.1	-0.1	0.0	0.1	-0.1	8.91
	9	0.1	-0.1	0.1	0.1	-0.2	14.25
	9	0.1	-0.1	0.1	0.2	-0.2	18.98
	9	0.1	-0.1	0.1	0.2	-0.1	19.99
	9	0.1	-0.2	0.1	0.2	-0.2	16.84
	10	0.1	-0.1	0.0	0.1	-0.1	11.20
	10	0.1	-0.1	0.1	0.2	-0.1	17.56
	10	0.1	-0.1	0.1	0.2	-0.1	18.74
	10	0.1	-0.1	0.1	0.1	-0.2	14.55

	11	0.1	-0.1	0.1	0.2	-0.1	12.06
	11	0.2	-0.1	0.1	0.2	-0.1	17.38
	11	0.2	-0.1	0.1	0.2	-0.1	18.16
	11	0.2	-0.1	0.1	0.2	-0.1	13.22
	12	0.1	-0.1	0.1	0.2	-0.1	12.12
	12	0.2	-0.1	0.1	0.2	-0.1	17.41
	12	0.2	-0.1	0.1	0.2	-0.1	18.17
	12	0.2	-0.1	0.1	0.2	-0.1	13.27
	13	0.1	-0.1	0.1	0.2	-0.1	12.06
	13	0.2	-0.1	0.1	0.2	-0.1	17.38
	13	0.2	-0.1	0.1	0.2	-0.1	18.16
	13	0.2	-0.1	0.1	0.2	-0.1	13.22
	14	0.1	-0.1	0.1	0.2	-0.1	12.17
	14	0.2	-0.1	0.1	0.2	-0.1	17.43
	14	0.2	-0.1	0.1	0.2	-0.1	18.18
	14	0.2	-0.1	0.1	0.2	-0.1	13.30
	15	0.1	-0.1	0.1	0.2	-0.1	12.06
	15	0.2	-0.1	0.1	0.2	-0.1	17.38
	15	0.2	-0.1	0.1	0.2	-0.1	18.16
	15	0.2	-0.1	0.1	0.2	-0.1	13.22
	16	0.1	-0.1	0.1	0.2	-0.1	12.21
	16	0.2	-0.1	0.1	0.2	-0.1	17.45
	16	0.2	-0.1	0.1	0.2	-0.1	18.19
	16	0.2	-0.1	0.1	0.2	-0.1	13.34
182 236	1	0.2	-0.3	0.0	0.2	-0.3	5.00
	1	0.1	-0.1	0.1	0.2	-0.1	22.69
	1	0.3	0.0	0.0	0.3	0.0	1.06
	1	0.2	-0.6	0.2	0.2	-0.6	14.08
	2	0.2	-0.3	0.0	0.2	-0.3	5.09
	2	0.2	-0.1	0.1	0.2	-0.1	22.64
	2	0.4	0.0	0.0	0.4	0.0	1.14
	2	0.2	-0.6	0.2	0.2	-0.7	14.10
	3	0.1	-0.2	0.1	0.2	-0.2	9.69
	3	0.1	-0.1	0.1	0.2	-0.1	22.17
	3	0.2	0.0	0.0	0.2	0.0	4.01
	3	0.1	-0.3	0.1	0.2	-0.4	14.29
	4	0.1	-0.2	0.1	0.1	-0.2	9.87
	4	0.1	-0.1	0.1	0.2	-0.1	23.36
	4	0.3	0.0	0.0	0.3	0.0	1.41
	4	0.2	-0.4	0.1	0.2	-0.4	13.66
	5	0.2	-0.1	0.0	0.2	-0.2	5.73
	5	0.1	-0.0	0.1	0.2	-0.1	20.43
	5	0.2	0.0	0.0	0.2	0.0	8.02
	5	0.1	-0.3	0.1	0.1	-0.4	15.29
	6	0.2	-0.2	0.0	0.2	-0.2	2.48
	6	0.1	-0.0	0.1	0.2	-0.1	20.04
	6	0.2	0.0	0.0	0.2	0.0	7.50
	6	0.1	-0.4	0.1	0.1	-0.4	15.33
	7	0.1	-0.2	-0.0	0.1	-0.2	-0.01
	7	0.1	-0.0	0.1	0.1	-0.1	21.48
	7	0.2	0.0	0.0	0.2	0.0	0.90
	7	0.1	-0.5	0.2	0.1	-0.5	14.54
	8	0.1	-0.3	0.0	0.1	-0.3	0.91
	8	0.1	-0.0	0.1	0.1	-0.1	23.26
	8	0.2	0.0	-0.0	0.2	0.0	-1.85
	8	0.1	-0.5	0.2	0.2	-0.5	13.97
	9	0.1	-0.3	0.1	0.1	-0.3	7.23
	9	0.1	-0.1	0.1	0.1	-0.1	24.93
	9	0.3	0.0	-0.0	0.3	0.0	-1.69
	9	0.2	-0.5	0.2	0.2	-0.5	13.21
	10	0.1	-0.3	0.0	0.1	-0.3	4.74
	10	0.1	-0.1	0.1	0.1	-0.1	25.10
	10	0.3	0.0	-0.0	0.3	0.0	-2.62
	10	0.2	-0.5	0.2	0.2	-0.5	13.32
	11	0.1	-0.2	0.0	0.1	-0.2	5.05
	11	0.1	-0.1	0.1	0.1	-0.1	22.66
	11	0.2	0.0	0.0	0.2	0.0	1.10
	11	0.1	-0.4	0.1	0.2	-0.5	14.09
	12	0.1	-0.2	0.0	0.1	-0.2	5.09
	12	0.1	-0.1	0.1	0.1	-0.1	22.64
	12	0.2	0.0	0.0	0.2	0.0	1.14
	12	0.1	-0.4	0.1	0.2	-0.5	14.10
	13	0.1	-0.2	0.0	0.1	-0.2	5.05

	13	0.1	-0.1	0.1	0.1	-0.1	22.66
	13	0.2	0.0	0.0	0.2	0.0	1.10
	13	0.1	-0.4	0.1	0.2	-0.5	14.09
	14	0.1	-0.2	0.0	0.1	-0.2	5.13
	14	0.1	-0.1	0.1	0.1	-0.1	22.63
	14	0.2	0.0	0.0	0.2	0.0	1.17
	14	0.1	-0.4	0.1	0.2	-0.5	14.10
	15	0.1	-0.2	0.0	0.1	-0.2	5.05
	15	0.1	-0.1	0.1	0.1	-0.1	22.66
	15	0.2	0.0	0.0	0.2	0.0	1.10
	15	0.1	-0.4	0.1	0.2	-0.5	14.09
	16	0.1	-0.2	0.0	0.1	-0.2	5.16
	16	0.1	-0.1	0.1	0.1	-0.1	22.61
	16	0.2	0.0	0.0	0.2	0.0	1.20
	16	0.1	-0.4	0.1	0.2	-0.5	14.11
249 297	1	0.1	-0.2	0.0	0.1	-0.2	0.76
	1	0.1	-0.2	0.0	0.1	-0.2	0.21
	1	0.1	-0.2	0.0	0.1	-0.2	0.62
	1	0.1	-0.2	0.0	0.1	-0.2	2.23
	2	0.2	-0.2	0.0	0.2	-0.2	0.76
	2	0.2	-0.2	0.0	0.2	-0.2	0.21
	2	0.1	-0.2	0.0	0.1	-0.2	0.62
	2	0.1	-0.2	0.0	0.1	-0.2	2.23
	3	0.1	-0.2	-0.0	0.1	-0.2	-2.22
	3	0.1	-0.2	-0.0	0.1	-0.2	-1.51
	3	0.1	-0.2	-0.0	0.1	-0.2	-3.82
	3	0.1	-0.2	-0.0	0.1	-0.2	-3.41
	4	0.1	-0.1	-0.0	0.1	-0.1	-0.17
	4	0.1	-0.1	0.0	0.1	-0.1	0.71
	4	0.1	-0.1	0.0	0.1	-0.1	3.74
	4	0.1	-0.1	0.0	0.1	-0.1	3.65
	5	0.0	-0.2	-0.0	0.0	-0.2	-3.24
	5	0.1	-0.2	-0.0	0.1	-0.2	-3.70
	5	0.1	-0.2	-0.0	0.1	-0.2	-11.47
	5	0.0	-0.2	-0.0	0.0	-0.2	-9.71
	6	0.0	-0.2	-0.0	0.0	-0.2	-2.06
	6	0.1	-0.2	-0.0	0.1	-0.2	-3.32
	6	0.1	-0.2	-0.0	0.1	-0.2	-10.94
	6	0.0	-0.2	-0.0	0.0	-0.2	-8.41
	7	0.1	-0.2	0.0	0.1	-0.2	1.69
	7	0.1	-0.2	-0.0	0.1	-0.2	-0.29
	7	0.1	-0.1	-0.0	0.1	-0.1	-2.34
	7	0.1	-0.2	0.0	0.1	-0.2	0.87
	8	0.1	-0.1	0.0	0.1	-0.1	3.66
	8	0.1	-0.1	0.0	0.1	-0.1	1.89
	8	0.1	-0.1	0.0	0.1	-0.1	4.71
	8	0.1	-0.1	0.0	0.1	-0.1	7.39
	9	0.2	-0.1	0.0	0.2	-0.1	3.50
	9	0.1	-0.1	0.0	0.1	-0.1	3.62
	9	0.1	-0.1	0.1	0.1	-0.1	11.87
	9	0.2	-0.1	0.1	0.2	-0.1	12.26
	10	0.2	-0.1	0.0	0.2	-0.1	4.62
	10	0.1	-0.1	0.0	0.1	-0.1	3.95
	10	0.1	-0.1	0.1	0.1	-0.1	11.98
	10	0.2	-0.1	0.1	0.2	-0.1	13.10
	11	0.1	-0.1	0.0	0.1	-0.1	0.76
	11	0.1	-0.1	0.0	0.1	-0.1	0.21
	11	0.1	-0.1	0.0	0.1	-0.1	0.62
	11	0.1	-0.1	0.0	0.1	-0.1	2.23
	12	0.1	-0.1	0.0	0.1	-0.1	0.76
	12	0.1	-0.1	0.0	0.1	-0.1	0.21
	12	0.1	-0.1	0.0	0.1	-0.1	0.62
	12	0.1	-0.1	0.0	0.1	-0.1	2.23
	13	0.1	-0.1	0.0	0.1	-0.1	0.76
	13	0.1	-0.1	0.0	0.1	-0.1	0.21
	13	0.1	-0.1	0.0	0.1	-0.1	0.62
	13	0.1	-0.1	0.0	0.1	-0.1	2.23
	14	0.1	-0.1	0.0	0.1	-0.1	0.76
	14	0.1	-0.1	0.0	0.1	-0.1	0.21
	14	0.1	-0.1	0.0	0.1	-0.1	0.62
	14	0.1	-0.1	0.0	0.1	-0.1	2.23
	15	0.1	-0.1	0.0	0.1	-0.1	0.76
	15	0.1	-0.1	0.0	0.1	-0.1	0.21

	15	0.1	-0.1	0.0	0.1	-0.1	0.62
	15	0.1	-0.1	0.0	0.1	-0.1	2.23
	16	0.1	-0.1	0.0	0.1	-0.1	0.76
	16	0.1	-0.1	0.0	0.1	-0.1	0.21
	16	0.1	-0.1	0.0	0.1	-0.1	0.62
	16	0.1	-0.1	0.0	0.1	-0.1	2.23
240 293	1	0.1	-0.2	-0.0	0.1	-0.2	-0.21
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.76
	1	0.1	-0.2	-0.0	0.1	-0.2	-2.23
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.62
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.21
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.76
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.23
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.62
	3	0.1	-0.1	-0.0	0.1	-0.1	-0.71
	3	0.1	-0.1	0.0	0.1	-0.1	0.17
	3	0.1	-0.1	-0.0	0.1	-0.1	-3.65
	3	0.1	-0.1	-0.0	0.1	-0.1	-3.74
	4	0.1	-0.2	0.0	0.1	-0.2	1.51
	4	0.1	-0.2	0.0	0.1	-0.2	2.22
	4	0.1	-0.2	0.0	0.1	-0.2	3.41
	4	0.1	-0.2	0.0	0.1	-0.2	3.82
	5	0.1	-0.1	-0.0	0.1	-0.1	-3.62
	5	0.2	-0.1	-0.0	0.2	-0.1	-3.50
	5	0.2	-0.1	-0.1	0.2	-0.1	-12.26
	5	0.1	-0.1	-0.1	0.1	-0.1	-11.87
	6	0.1	-0.1	-0.0	0.1	-0.1	-3.95
	6	0.2	-0.1	-0.0	0.2	-0.1	-4.62
	6	0.2	-0.1	-0.1	0.2	-0.1	-13.10
	6	0.1	-0.1	-0.1	0.1	-0.1	-11.98
	7	0.1	-0.1	-0.0	0.1	-0.1	-1.89
	7	0.1	-0.1	-0.0	0.1	-0.1	-3.66
	7	0.1	-0.1	-0.0	0.1	-0.1	-7.39
	7	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	8	0.1	-0.2	0.0	0.1	-0.2	0.29
	8	0.1	-0.2	-0.0	0.1	-0.2	-1.69
	8	0.1	-0.2	-0.0	0.1	-0.2	-0.87
	8	0.1	-0.1	0.0	0.1	-0.1	2.34
	9	0.1	-0.2	0.0	0.1	-0.2	3.70
	9	0.0	-0.2	0.0	0.0	-0.2	3.24
	9	0.0	-0.2	0.0	0.0	-0.2	9.71
	9	0.1	-0.2	0.0	0.1	-0.2	11.47
	10	0.1	-0.2	0.0	0.1	-0.2	3.32
	10	0.0	-0.2	0.0	0.0	-0.2	2.06
	10	0.0	-0.2	0.0	0.0	-0.2	8.41
	10	0.1	-0.2	0.0	0.1	-0.2	10.94
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.62
212 263	1	0.3	0.0	0.0	0.3	0.0	0.69
	1	0.3	0.0	-0.0	0.3	0.0	-0.02

	1	0.2	-0.0	0.0	0.2	-0.0	11.65
	1	0.3	-0.0	0.0	0.3	-0.0	6.53
	2	0.4	0.0	0.0	0.4	0.0	0.70
	2	0.4	0.0	0.0	0.4	0.0	0.02
	2	0.2	-0.0	0.1	0.3	-0.0	11.68
	2	0.3	-0.0	0.0	0.3	-0.0	6.57
	3	0.2	0.0	-0.0	0.2	0.0	-0.48
	3	0.2	0.0	-0.0	0.2	0.0	-1.80
	3	0.1	-0.0	0.0	0.1	-0.0	7.74
	3	0.2	-0.0	0.0	0.2	-0.0	3.18
	4	0.2	0.0	0.0	0.2	0.0	0.86
	4	0.2	-0.0	-0.0	0.2	-0.0	-0.81
	4	0.1	-0.0	0.0	0.1	-0.0	11.58
	4	0.2	0.0	0.0	0.2	-0.0	7.33
	5	0.3	-0.0	-0.0	0.3	-0.0	-1.12
	5	0.3	0.0	-0.0	0.3	0.0	-1.68
	5	0.2	-0.0	0.0	0.2	-0.0	6.07
	5	0.2	-0.0	0.0	0.2	-0.0	0.60
	6	0.3	-0.0	-0.0	0.3	-0.0	-0.72
	6	0.3	0.0	-0.0	0.3	0.0	-0.99
	6	0.2	-0.0	0.0	0.2	-0.0	7.56
	6	0.2	-0.0	0.0	0.2	-0.0	1.79
	7	0.3	-0.0	0.0	0.3	-0.0	0.63
	7	0.3	0.0	0.0	0.3	0.0	0.58
	7	0.2	-0.0	0.0	0.2	-0.0	11.78
	7	0.2	-0.0	0.0	0.2	-0.0	6.11
	8	0.3	0.0	0.0	0.3	-0.0	1.61
	8	0.3	-0.0	0.0	0.3	-0.0	1.54
	8	0.2	-0.0	0.1	0.2	-0.0	14.36
	8	0.2	-0.0	0.0	0.2	-0.0	9.01
	9	0.2	0.0	0.0	0.2	0.0	2.93
	9	0.2	-0.0	0.0	0.2	-0.0	1.81
	9	0.1	-0.0	0.0	0.1	-0.0	16.97
	9	0.2	-0.0	0.0	0.2	-0.0	12.53
	10	0.2	0.0	0.0	0.2	0.0	2.95
	10	0.2	-0.0	0.0	0.2	-0.0	2.41
	10	0.1	-0.0	0.1	0.2	-0.0	17.26
	10	0.2	-0.0	0.0	0.2	-0.0	12.53
	11	0.3	0.0	0.0	0.3	0.0	0.69
	11	0.2	0.0	-0.0	0.2	0.0	-0.00
	11	0.2	-0.0	0.0	0.2	-0.0	11.66
	11	0.2	-0.0	0.0	0.2	-0.0	6.55
	12	0.3	0.0	0.0	0.3	0.0	0.70
	12	0.2	0.0	0.0	0.2	0.0	0.02
	12	0.2	-0.0	0.0	0.2	-0.0	11.68
	12	0.2	-0.0	0.0	0.2	-0.0	6.57
	13	0.3	0.0	0.0	0.3	0.0	0.69
	13	0.2	0.0	-0.0	0.2	0.0	-0.00
	13	0.2	-0.0	0.0	0.2	-0.0	11.66
	13	0.2	-0.0	0.0	0.2	-0.0	6.55
	14	0.3	0.0	0.0	0.3	0.0	0.71
	14	0.2	0.0	0.0	0.2	0.0	0.03
	14	0.2	-0.0	0.0	0.2	-0.0	11.69
	14	0.2	-0.0	0.0	0.2	-0.0	6.58
	15	0.3	0.0	0.0	0.3	0.0	0.69
	15	0.2	0.0	-0.0	0.2	0.0	-0.00
	15	0.2	-0.0	0.0	0.2	-0.0	11.66
	15	0.2	-0.0	0.0	0.2	-0.0	6.55
	16	0.3	0.0	0.0	0.3	0.0	0.72
	16	0.2	0.0	0.0	0.2	0.0	0.04
	16	0.2	-0.0	0.0	0.2	-0.0	11.70
	16	0.2	-0.0	0.0	0.2	-0.0	6.59
216 267	1	0.3	0.0	0.0	0.3	0.0	1.06
	1	0.2	-0.6	0.2	0.2	-0.6	14.08
	1	0.2	-0.3	0.0	0.2	-0.3	5.00
	1	0.1	-0.1	0.1	0.2	-0.1	22.69
	2	0.4	0.0	0.0	0.4	0.0	1.14
	2	0.2	-0.6	0.2	0.2	-0.7	14.10
	2	0.2	-0.3	0.0	0.2	-0.3	5.09
	2	0.2	-0.1	0.1	0.2	-0.1	22.64
	3	0.2	0.0	-0.0	0.2	0.0	-1.85
	3	0.1	-0.5	0.2	0.2	-0.5	13.97
	3	0.1	-0.3	0.0	0.1	-0.3	0.91

	3	0.1	-0.0	0.1	0.1	-0.1	23.26
	4	0.2	0.0	0.0	0.2	0.0	0.90
	4	0.1	-0.5	0.2	0.1	-0.5	14.54
	4	0.1	-0.2	-0.0	0.1	-0.2	-0.01
	4	0.1	-0.0	0.1	0.1	-0.1	21.48
	5	0.3	0.0	-0.0	0.3	0.0	-2.62
	5	0.2	-0.5	0.2	0.2	-0.5	13.32
	5	0.1	-0.3	0.0	0.1	-0.3	4.74
	5	0.1	-0.1	0.1	0.1	-0.1	25.10
	6	0.3	0.0	-0.0	0.3	0.0	-1.69
	6	0.2	-0.5	0.2	0.2	-0.5	13.21
	6	0.1	-0.3	0.1	0.1	-0.3	7.23
	6	0.1	-0.1	0.1	0.1	-0.1	24.93
	7	0.3	0.0	0.0	0.3	0.0	1.41
	7	0.2	-0.4	0.1	0.2	-0.4	13.66
	7	0.1	-0.2	0.1	0.1	-0.2	9.87
	7	0.1	-0.1	0.1	0.2	-0.1	23.36
	8	0.2	0.0	0.0	0.2	0.0	4.01
	8	0.1	-0.3	0.1	0.2	-0.4	14.29
	8	0.1	-0.2	0.1	0.2	-0.2	9.69
	8	0.1	-0.1	0.1	0.2	-0.1	22.17
	9	0.2	0.0	0.0	0.2	0.0	7.50
	9	0.1	-0.4	0.1	0.1	-0.4	15.33
	9	0.2	-0.2	0.0	0.2	-0.2	2.48
	9	0.1	-0.0	0.1	0.2	-0.1	20.04
	10	0.2	0.0	0.0	0.2	0.0	8.02
	10	0.1	-0.3	0.1	0.1	-0.4	15.29
	10	0.2	-0.1	0.0	0.2	-0.2	5.73
	10	0.1	-0.0	0.1	0.2	-0.1	20.43
	11	0.2	0.0	0.0	0.2	0.0	1.10
	11	0.1	-0.4	0.1	0.2	-0.5	14.09
	11	0.1	-0.2	0.0	0.1	-0.2	5.05
	11	0.1	-0.1	0.1	0.1	-0.1	22.66
	12	0.2	0.0	0.0	0.2	0.0	1.14
	12	0.1	-0.4	0.1	0.2	-0.5	14.10
	12	0.1	-0.2	0.0	0.1	-0.2	5.09
	12	0.1	-0.1	0.1	0.1	-0.1	22.64
	13	0.2	0.0	0.0	0.2	0.0	1.10
	13	0.1	-0.4	0.1	0.2	-0.5	14.09
	13	0.1	-0.2	0.0	0.1	-0.2	5.05
	13	0.1	-0.1	0.1	0.1	-0.1	22.66
	14	0.2	0.0	0.0	0.2	0.0	1.17
	14	0.1	-0.4	0.1	0.2	-0.5	14.10
	14	0.1	-0.2	0.0	0.1	-0.2	5.13
	14	0.1	-0.1	0.1	0.1	-0.1	22.63
	15	0.2	0.0	0.0	0.2	0.0	1.10
	15	0.1	-0.4	0.1	0.2	-0.5	14.09
	15	0.1	-0.2	0.0	0.1	-0.2	5.05
	15	0.1	-0.1	0.1	0.1	-0.1	22.66
	16	0.2	0.0	0.0	0.2	0.0	1.20
	16	0.1	-0.4	0.1	0.2	-0.5	14.11
	16	0.1	-0.2	0.0	0.1	-0.2	5.16
	16	0.1	-0.1	0.1	0.1	-0.1	22.61
214 265	1	0.2	-0.1	0.1	0.2	-0.1	18.14
	1	0.2	-0.2	0.1	0.2	-0.2	13.17
	1	0.2	-0.1	0.1	0.2	-0.1	11.99
	1	0.2	-0.1	0.1	0.2	-0.1	17.35
	2	0.2	-0.1	0.1	0.3	-0.2	18.17
	2	0.2	-0.2	0.1	0.3	-0.2	13.27
	2	0.2	-0.1	0.1	0.2	-0.1	12.12
	2	0.2	-0.1	0.1	0.3	-0.2	17.41
	3	0.1	-0.1	0.1	0.2	-0.1	15.80
	3	0.1	-0.1	0.0	0.1	-0.1	8.91
	3	0.1	-0.1	0.0	0.1	-0.1	5.03
	3	0.1	-0.1	0.1	0.2	-0.1	14.51
	4	0.1	-0.1	0.1	0.2	-0.1	14.81
	4	0.1	-0.1	0.0	0.2	-0.1	6.70
	4	0.1	-0.0	0.0	0.1	-0.0	3.77
	4	0.2	-0.0	0.1	0.2	-0.1	13.65
	5	0.1	-0.1	0.1	0.2	-0.1	18.74
	5	0.1	-0.1	0.1	0.1	-0.2	14.55
	5	0.1	-0.1	0.0	0.1	-0.1	11.20
	5	0.1	-0.1	0.1	0.2	-0.1	17.56

	6	0.1	-0.1	0.1	0.2	-0.1	19.99
	6	0.1	-0.2	0.1	0.2	-0.2	16.84
	6	0.1	-0.1	0.1	0.1	-0.2	14.25
	6	0.1	-0.1	0.1	0.2	-0.2	18.98
	7	0.2	-0.1	0.1	0.2	-0.1	20.53
	7	0.2	-0.1	0.1	0.2	-0.2	17.81
	7	0.1	-0.1	0.1	0.2	-0.2	16.81
	7	0.2	-0.1	0.1	0.2	-0.2	19.88
	8	0.2	-0.1	0.1	0.2	-0.1	19.94
	8	0.2	-0.1	0.1	0.2	-0.1	16.68
	8	0.2	-0.1	0.1	0.2	-0.1	16.75
	8	0.2	-0.1	0.1	0.2	-0.1	19.50
	9	0.2	-0.0	0.1	0.2	-0.1	16.03
	9	0.2	-0.1	0.0	0.2	-0.1	8.69
	9	0.2	-0.0	0.0	0.2	-0.0	9.21
	9	0.2	-0.0	0.1	0.2	-0.1	15.49
	10	0.2	-0.1	0.1	0.2	-0.1	17.67
	10	0.2	-0.1	0.1	0.2	-0.1	12.05
	10	0.2	-0.0	0.1	0.2	-0.0	13.36
	10	0.2	-0.0	0.1	0.2	-0.1	17.36
	11	0.2	-0.1	0.1	0.2	-0.1	18.16
	11	0.2	-0.1	0.1	0.2	-0.1	13.22
	11	0.1	-0.1	0.1	0.2	-0.1	12.06
	11	0.2	-0.1	0.1	0.2	-0.1	17.38
	12	0.2	-0.1	0.1	0.2	-0.1	18.17
	12	0.2	-0.1	0.1	0.2	-0.1	13.27
	12	0.1	-0.1	0.1	0.2	-0.1	12.12
	12	0.2	-0.1	0.1	0.2	-0.1	17.41
	13	0.2	-0.1	0.1	0.2	-0.1	18.16
	13	0.2	-0.1	0.1	0.2	-0.1	13.22
	13	0.1	-0.1	0.1	0.2	-0.1	12.06
	13	0.2	-0.1	0.1	0.2	-0.1	17.38
	14	0.2	-0.1	0.1	0.2	-0.1	18.18
	14	0.2	-0.1	0.1	0.2	-0.1	13.30
	14	0.1	-0.1	0.1	0.2	-0.1	12.17
	14	0.2	-0.1	0.1	0.2	-0.1	17.43
	15	0.2	-0.1	0.1	0.2	-0.1	18.16
	15	0.2	-0.1	0.1	0.2	-0.1	13.22
	15	0.1	-0.1	0.1	0.2	-0.1	12.06
	15	0.2	-0.1	0.1	0.2	-0.1	17.38
	16	0.2	-0.1	0.1	0.2	-0.1	18.19
	16	0.2	-0.1	0.1	0.2	-0.1	13.34
	16	0.1	-0.1	0.1	0.2	-0.1	12.21
	16	0.2	-0.1	0.1	0.2	-0.1	17.45
238 291	1	0.2	-0.1	-0.1	0.3	-0.1	-15.21
	1	0.2	-0.1	-0.1	0.2	-0.1	-12.21
	1	0.2	-0.1	-0.1	0.2	-0.1	-10.09
	1	0.2	-0.1	-0.1	0.3	-0.1	-12.92
	2	0.3	-0.1	-0.1	0.3	-0.1	-15.24
	2	0.3	-0.1	-0.1	0.3	-0.1	-12.22
	2	0.3	-0.1	-0.1	0.3	-0.2	-10.11
	2	0.3	-0.1	-0.1	0.3	-0.2	-12.95
	3	0.2	-0.0	-0.1	0.2	-0.1	-14.69
	3	0.2	-0.0	-0.0	0.2	-0.1	-12.37
	3	0.2	-0.1	-0.0	0.2	-0.1	-5.91
	3	0.2	-0.1	-0.0	0.2	-0.1	-9.76
	4	0.1	-0.1	-0.0	0.2	-0.1	-12.38
	4	0.2	-0.1	-0.0	0.2	-0.1	-9.42
	4	0.2	-0.1	-0.0	0.2	-0.1	-11.12
	4	0.1	-0.1	-0.1	0.2	-0.1	-13.94
	5	0.2	-0.0	-0.1	0.2	-0.1	-17.71
	5	0.2	-0.0	-0.1	0.2	-0.1	-15.57
	5	0.2	-0.1	-0.0	0.2	-0.1	-2.58
	5	0.3	-0.1	-0.0	0.3	-0.1	-7.06
	6	0.2	-0.1	-0.1	0.2	-0.1	-18.21
	6	0.2	-0.1	-0.1	0.2	-0.1	-15.87
	6	0.2	-0.1	-0.0	0.2	-0.1	-3.63
	6	0.3	-0.1	-0.0	0.3	-0.1	-8.13
	7	0.2	-0.1	-0.1	0.2	-0.1	-17.16
	7	0.2	-0.1	-0.1	0.2	-0.1	-14.17
	7	0.2	-0.1	-0.1	0.2	-0.1	-9.35
	7	0.2	-0.1	-0.1	0.2	-0.1	-12.34
	8	0.2	-0.1	-0.1	0.2	-0.1	-15.69

	8	0.2	-0.1	-0.1	0.2	-0.1	-12.13
	8	0.1	-0.1	-0.1	0.2	-0.1	-14.14
	8	0.2	-0.1	-0.1	0.2	-0.2	-15.31
	9	0.1	-0.1	-0.0	0.1	-0.1	-11.22
	9	0.1	-0.1	-0.0	0.1	-0.1	-6.93
	9	0.1	-0.1	-0.1	0.1	-0.1	-19.49
	9	0.1	-0.1	-0.1	0.1	-0.1	-19.17
	10	0.1	-0.1	-0.1	0.1	-0.1	-12.54
	10	0.1	-0.1	-0.0	0.1	-0.1	-8.14
	10	0.1	-0.1	-0.1	0.1	-0.1	-20.05
	10	0.1	-0.1	-0.1	0.1	-0.2	-19.07
	11	0.2	-0.1	-0.1	0.2	-0.1	-15.22
	11	0.2	-0.1	-0.1	0.2	-0.1	-12.22
	11	0.2	-0.1	-0.0	0.2	-0.1	-10.10
	11	0.2	-0.1	-0.1	0.2	-0.1	-12.94
	12	0.2	-0.1	-0.1	0.2	-0.1	-15.24
	12	0.2	-0.1	-0.1	0.2	-0.1	-12.22
	12	0.2	-0.1	-0.0	0.2	-0.1	-10.11
	12	0.2	-0.1	-0.1	0.2	-0.1	-12.95
	13	0.2	-0.1	-0.1	0.2	-0.1	-15.22
	13	0.2	-0.1	-0.1	0.2	-0.1	-12.22
	13	0.2	-0.1	-0.0	0.2	-0.1	-10.10
	13	0.2	-0.1	-0.1	0.2	-0.1	-12.94
	14	0.2	-0.1	-0.1	0.2	-0.1	-15.25
	14	0.2	-0.1	-0.1	0.2	-0.1	-12.23
	14	0.2	-0.1	-0.0	0.2	-0.1	-10.11
	14	0.2	-0.1	-0.1	0.2	-0.1	-12.96
	15	0.2	-0.1	-0.1	0.2	-0.1	-15.22
	15	0.2	-0.1	-0.1	0.2	-0.1	-12.22
	15	0.2	-0.1	-0.0	0.2	-0.1	-10.10
	15	0.2	-0.1	-0.1	0.2	-0.1	-12.94
	16	0.2	-0.1	-0.1	0.2	-0.1	-15.26
	16	0.2	-0.1	-0.1	0.2	-0.1	-12.24
	16	0.2	-0.1	-0.0	0.2	-0.1	-10.12
	16	0.2	-0.1	-0.1	0.2	-0.1	-12.97
301 354	1	0.2	-0.1	-0.0	0.2	-0.1	-7.90
	1	0.2	-0.1	-0.0	0.2	-0.1	-2.59
	1	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	1	0.2	-0.1	-0.0	0.2	-0.1	-6.49
	2	0.3	-0.1	-0.0	0.3	-0.1	-7.91
	2	0.3	-0.1	-0.0	0.3	-0.1	-2.60
	2	0.2	-0.1	-0.0	0.3	-0.1	-2.16
	2	0.3	-0.1	-0.0	0.3	-0.1	-6.50
	3	0.2	-0.0	-0.0	0.2	-0.0	-4.80
	3	0.2	-0.0	0.0	0.2	-0.0	0.13
	3	0.2	-0.1	0.0	0.2	-0.1	1.09
	3	0.2	-0.1	-0.0	0.2	-0.1	-2.65
	4	0.2	-0.0	-0.0	0.2	-0.1	-9.38
	4	0.2	-0.0	-0.0	0.2	-0.0	-4.80
	4	0.2	-0.1	-0.0	0.2	-0.1	-4.68
	4	0.2	-0.1	-0.0	0.2	-0.1	-8.23
	5	0.2	-0.0	-0.0	0.2	-0.1	-0.85
	5	0.2	-0.1	0.0	0.2	-0.1	4.74
	5	0.2	-0.1	0.0	0.2	-0.1	6.81
	5	0.2	-0.1	0.0	0.2	-0.1	1.75
	6	0.2	-0.1	-0.0	0.2	-0.1	-1.75
	6	0.2	-0.1	0.0	0.2	-0.1	4.16
	6	0.2	-0.1	0.0	0.2	-0.1	6.46
	6	0.2	-0.1	0.0	0.2	-0.1	1.00
	7	0.2	-0.1	-0.0	0.2	-0.1	-6.78
	7	0.2	-0.1	-0.0	0.2	-0.1	-0.86
	7	0.2	-0.1	0.0	0.2	-0.1	0.16
	7	0.2	-0.1	-0.0	0.2	-0.1	-5.06
	8	0.2	-0.1	-0.0	0.2	-0.1	-10.34
	8	0.2	-0.1	-0.0	0.2	-0.1	-4.81
	8	0.1	-0.1	-0.0	0.2	-0.1	-5.31
	8	0.1	-0.1	-0.0	0.2	-0.1	-10.28
	9	0.1	-0.1	-0.1	0.2	-0.1	-14.51
	9	0.2	-0.1	-0.0	0.2	-0.1	-10.09
	9	0.2	-0.1	-0.0	0.2	-0.1	-11.51
	9	0.1	-0.1	-0.1	0.2	-0.1	-16.12
	10	0.1	-0.1	-0.1	0.2	-0.1	-14.45
	10	0.2	-0.1	-0.0	0.2	-0.1	-9.75

	10	0.2	-0.1	-0.1	0.2	-0.1	-11.58
	10	0.1	-0.1	-0.1	0.1	-0.1	-16.51
	11	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	11	0.2	-0.1	-0.0	0.2	-0.1	-2.59
	11	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	11	0.2	-0.1	-0.0	0.2	-0.1	-6.50
	12	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	12	0.2	-0.1	-0.0	0.2	-0.1	-2.60
	12	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	12	0.2	-0.1	-0.0	0.2	-0.1	-6.50
	13	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	13	0.2	-0.1	-0.0	0.2	-0.1	-2.59
	13	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	13	0.2	-0.1	-0.0	0.2	-0.1	-6.50
	14	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	14	0.2	-0.1	-0.0	0.2	-0.1	-2.60
	14	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	14	0.2	-0.1	-0.0	0.2	-0.1	-6.51
	15	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	15	0.2	-0.1	-0.0	0.2	-0.1	-2.59
	15	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	15	0.2	-0.1	-0.0	0.2	-0.1	-6.50
	16	0.2	-0.1	-0.0	0.2	-0.1	-7.92
	16	0.2	-0.1	-0.0	0.2	-0.1	-2.60
	16	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	16	0.2	-0.1	-0.0	0.2	-0.1	-6.51
255 303	1	0.2	-0.1	0.0	0.2	-0.1	2.59
	1	0.2	-0.1	0.0	0.2	-0.1	7.90
	1	0.2	-0.1	0.0	0.2	-0.1	6.49
	1	0.2	-0.1	0.0	0.2	-0.1	2.16
	2	0.3	-0.1	0.0	0.3	-0.1	2.60
	2	0.3	-0.1	0.0	0.3	-0.1	7.91
	2	0.3	-0.1	0.0	0.3	-0.1	6.50
	2	0.2	-0.1	0.0	0.3	-0.1	2.16
	3	0.2	-0.0	0.0	0.2	-0.0	4.80
	3	0.2	-0.0	0.0	0.2	-0.1	9.38
	3	0.2	-0.1	0.0	0.2	-0.1	8.23
	3	0.2	-0.1	0.0	0.2	-0.1	4.68
	4	0.2	-0.0	-0.0	0.2	-0.0	-0.13
	4	0.2	-0.0	0.0	0.2	-0.0	4.80
	4	0.2	-0.1	0.0	0.2	-0.1	2.65
	4	0.2	-0.1	-0.0	0.2	-0.1	-1.09
	5	0.2	-0.1	0.0	0.2	-0.1	10.09
	5	0.1	-0.1	0.1	0.2	-0.1	14.51
	5	0.1	-0.1	0.1	0.2	-0.1	16.12
	5	0.2	-0.1	0.0	0.2	-0.1	11.51
	6	0.2	-0.1	0.0	0.2	-0.1	9.75
	6	0.1	-0.1	0.1	0.2	-0.1	14.45
	6	0.1	-0.1	0.1	0.1	-0.1	16.51
	6	0.2	-0.1	0.1	0.2	-0.1	11.58
	7	0.2	-0.1	0.0	0.2	-0.1	4.81
	7	0.2	-0.1	0.0	0.2	-0.1	10.34
	7	0.1	-0.1	0.0	0.2	-0.1	10.28
	7	0.1	-0.1	0.0	0.2	-0.1	5.31
	8	0.2	-0.1	0.0	0.2	-0.1	0.86
	8	0.2	-0.1	0.0	0.2	-0.1	6.78
	8	0.2	-0.1	0.0	0.2	-0.1	5.06
	8	0.2	-0.1	-0.0	0.2	-0.1	-0.16
	9	0.2	-0.1	-0.0	0.2	-0.1	-4.74
	9	0.2	-0.0	0.0	0.2	-0.1	0.85
	9	0.2	-0.1	-0.0	0.2	-0.1	-1.76
	9	0.2	-0.1	-0.0	0.2	-0.1	-6.81
	10	0.2	-0.1	-0.0	0.2	-0.1	-4.16
	10	0.2	-0.1	0.0	0.2	-0.1	1.75
	10	0.2	-0.1	-0.0	0.2	-0.1	-1.00
	10	0.2	-0.1	-0.0	0.2	-0.1	-6.46
	11	0.2	-0.1	0.0	0.2	-0.1	2.59
	11	0.2	-0.1	0.0	0.2	-0.1	7.91
	11	0.2	-0.1	0.0	0.2	-0.1	6.50
	11	0.2	-0.1	0.0	0.2	-0.1	2.16
	12	0.2	-0.1	0.0	0.2	-0.1	2.60
	12	0.2	-0.1	0.0	0.2	-0.1	7.91
	12	0.2	-0.1	0.0	0.2	-0.1	6.50

	12	0.2	-0.1	0.0	0.2	-0.1	2.16
	13	0.2	-0.1	0.0	0.2	-0.1	2.59
	13	0.2	-0.1	0.0	0.2	-0.1	7.91
	13	0.2	-0.1	0.0	0.2	-0.1	6.50
	13	0.2	-0.1	0.0	0.2	-0.1	2.16
	14	0.2	-0.1	0.0	0.2	-0.1	2.60
	14	0.2	-0.1	0.0	0.2	-0.1	7.91
	14	0.2	-0.1	0.0	0.2	-0.1	6.51
	14	0.2	-0.1	0.0	0.2	-0.1	2.16
	15	0.2	-0.1	0.0	0.2	-0.1	2.59
	15	0.2	-0.1	0.0	0.2	-0.1	7.91
	15	0.2	-0.1	0.0	0.2	-0.1	6.50
	15	0.2	-0.1	0.0	0.2	-0.1	2.16
	16	0.2	-0.1	0.0	0.2	-0.1	2.60
	16	0.2	-0.1	0.0	0.2	-0.1	7.92
	16	0.2	-0.1	0.0	0.2	-0.1	6.51
	16	0.2	-0.1	0.0	0.2	-0.1	2.16
253 301	1	0.2	-0.1	0.1	0.2	-0.1	12.21
	1	0.2	-0.1	0.1	0.3	-0.1	15.21
	1	0.2	-0.1	0.1	0.3	-0.1	12.92
	1	0.2	-0.1	0.1	0.2	-0.1	10.09
	2	0.3	-0.1	0.1	0.3	-0.1	12.22
	2	0.3	-0.1	0.1	0.3	-0.1	15.24
	2	0.3	-0.1	0.1	0.3	-0.2	12.95
	2	0.3	-0.1	0.1	0.3	-0.2	10.11
	3	0.2	-0.1	0.0	0.2	-0.1	9.42
	3	0.1	-0.1	0.0	0.2	-0.1	12.38
	3	0.1	-0.1	0.1	0.2	-0.1	13.94
	3	0.2	-0.1	0.0	0.2	-0.1	11.12
	4	0.2	-0.0	0.0	0.2	-0.1	12.37
	4	0.2	-0.0	0.1	0.2	-0.1	14.69
	4	0.2	-0.1	0.0	0.2	-0.1	9.76
	4	0.2	-0.1	0.0	0.2	-0.1	5.91
	5	0.1	-0.1	0.0	0.1	-0.1	6.93
	5	0.1	-0.1	0.0	0.1	-0.1	11.22
	5	0.1	-0.1	0.1	0.1	-0.1	19.17
	5	0.1	-0.1	0.1	0.1	-0.1	19.49
	6	0.1	-0.1	0.0	0.1	-0.1	8.14
	6	0.1	-0.1	0.1	0.1	-0.1	12.54
	6	0.1	-0.1	0.1	0.1	-0.2	19.07
	6	0.1	-0.1	0.1	0.1	-0.1	20.05
	7	0.2	-0.1	0.1	0.2	-0.1	12.13
	7	0.2	-0.1	0.1	0.2	-0.1	15.69
	7	0.2	-0.1	0.1	0.2	-0.2	15.31
	7	0.1	-0.1	0.1	0.2	-0.1	14.14
	8	0.2	-0.1	0.1	0.2	-0.1	14.17
	8	0.2	-0.1	0.1	0.2	-0.1	17.16
	8	0.2	-0.1	0.1	0.2	-0.1	12.34
	8	0.2	-0.1	0.1	0.2	-0.1	9.35
	9	0.2	-0.0	0.1	0.2	-0.1	15.57
	9	0.2	-0.0	0.1	0.2	-0.1	17.71
	9	0.3	-0.1	0.0	0.3	-0.1	7.06
	9	0.2	-0.1	0.0	0.2	-0.1	2.58
	10	0.2	-0.1	0.1	0.2	-0.1	15.87
	10	0.2	-0.1	0.1	0.2	-0.1	18.21
	10	0.3	-0.1	0.0	0.3	-0.1	8.13
	10	0.2	-0.1	0.0	0.2	-0.1	3.63
	11	0.2	-0.1	0.1	0.2	-0.1	12.22
	11	0.2	-0.1	0.1	0.2	-0.1	15.22
	11	0.2	-0.1	0.1	0.2	-0.1	12.94
	11	0.2	-0.1	0.0	0.2	-0.1	10.10
	12	0.2	-0.1	0.1	0.2	-0.1	12.22
	12	0.2	-0.1	0.1	0.2	-0.1	15.24
	12	0.2	-0.1	0.1	0.2	-0.1	12.95
	12	0.2	-0.1	0.0	0.2	-0.1	10.11
	13	0.2	-0.1	0.1	0.2	-0.1	12.22
	13	0.2	-0.1	0.1	0.2	-0.1	15.22
	13	0.2	-0.1	0.1	0.2	-0.1	12.94
	13	0.2	-0.1	0.0	0.2	-0.1	10.10
	14	0.2	-0.1	0.1	0.2	-0.1	12.23
	14	0.2	-0.1	0.1	0.2	-0.1	15.25
	14	0.2	-0.1	0.1	0.2	-0.1	12.96
	14	0.2	-0.1	0.0	0.2	-0.1	10.11

	15	0.2	-0.1	0.1	0.2	-0.1	12.22
	15	0.2	-0.1	0.1	0.2	-0.1	15.22
	15	0.2	-0.1	0.1	0.2	-0.1	12.94
	15	0.2	-0.1	0.0	0.2	-0.1	10.10
	16	0.2	-0.1	0.1	0.2	-0.1	12.24
	16	0.2	-0.1	0.1	0.2	-0.1	15.26
	16	0.2	-0.1	0.1	0.2	-0.1	12.97
	16	0.2	-0.1	0.0	0.2	-0.1	10.12
356 402	1	0.2	-0.1	0.1	0.3	-0.1	17.34
	1	0.2	-0.1	0.1	0.2	-0.1	19.68
	1	0.2	-0.1	0.1	0.3	-0.1	17.43
	1	0.2	-0.1	0.1	0.3	-0.2	16.41
	2	0.3	-0.1	0.1	0.3	-0.2	17.40
	2	0.2	-0.1	0.1	0.3	-0.2	19.74
	2	0.3	-0.1	0.1	0.3	-0.1	17.50
	2	0.3	-0.1	0.1	0.3	-0.2	16.45
	3	0.2	-0.1	0.1	0.2	-0.1	13.59
	3	0.1	-0.1	0.1	0.2	-0.1	16.79
	3	0.1	-0.0	0.0	0.2	-0.0	12.65
	3	0.2	-0.1	0.1	0.2	-0.1	14.09
	4	0.2	-0.0	0.1	0.2	-0.1	15.95
	4	0.2	-0.0	0.1	0.2	-0.0	15.88
	4	0.2	0.0	0.1	0.2	0.0	17.05
	4	0.2	-0.0	0.1	0.2	-0.1	15.79
	5	0.1	-0.1	0.1	0.1	-0.1	13.39
	5	0.1	-0.1	0.1	0.2	-0.2	19.68
	5	0.1	-0.1	0.0	0.1	-0.1	11.50
	5	0.1	-0.1	0.1	0.1	-0.1	13.46
	6	0.1	-0.1	0.1	0.2	-0.2	15.12
	6	0.1	-0.1	0.1	0.2	-0.2	20.90
	6	0.1	-0.2	0.1	0.1	-0.2	13.59
	6	0.1	-0.2	0.1	0.1	-0.2	14.68
	7	0.2	-0.1	0.1	0.2	-0.2	18.43
	7	0.2	-0.1	0.1	0.2	-0.2	21.78
	7	0.2	-0.1	0.1	0.2	-0.2	17.82
	7	0.2	-0.2	0.1	0.2	-0.2	16.99
	8	0.2	-0.1	0.1	0.2	-0.1	19.86
	8	0.2	-0.1	0.1	0.2	-0.1	21.62
	8	0.2	-0.1	0.1	0.3	-0.1	19.97
	8	0.2	-0.1	0.1	0.3	-0.2	17.88
	9	0.2	-0.0	0.1	0.2	-0.1	19.84
	9	0.2	-0.0	0.1	0.2	-0.0	18.06
	9	0.2	0.1	0.1	0.3	0.0	22.19
	9	0.3	-0.0	0.1	0.3	-0.1	17.94
	10	0.2	-0.0	0.1	0.3	-0.1	20.67
	10	0.2	-0.0	0.1	0.2	-0.1	19.93
	10	0.3	0.0	0.1	0.3	-0.0	22.31
	10	0.3	-0.1	0.1	0.3	-0.1	18.36
	11	0.2	-0.1	0.1	0.2	-0.1	17.37
	11	0.2	-0.1	0.1	0.2	-0.1	19.71
	11	0.2	-0.1	0.1	0.2	-0.1	17.46
	11	0.2	-0.1	0.1	0.2	-0.1	16.43
	12	0.2	-0.1	0.1	0.2	-0.1	17.40
	12	0.2	-0.1	0.1	0.2	-0.1	19.74
	12	0.2	-0.1	0.1	0.2	-0.1	17.50
	12	0.2	-0.1	0.1	0.2	-0.1	16.45
	13	0.2	-0.1	0.1	0.2	-0.1	17.37
	13	0.2	-0.1	0.1	0.2	-0.1	19.71
	13	0.2	-0.1	0.1	0.2	-0.1	17.46
	13	0.2	-0.1	0.1	0.2	-0.1	16.43
	14	0.2	-0.1	0.1	0.2	-0.1	17.41
	14	0.2	-0.1	0.1	0.2	-0.1	19.77
	14	0.2	-0.1	0.1	0.2	-0.1	17.52
	14	0.2	-0.1	0.1	0.2	-0.1	16.47
	15	0.2	-0.1	0.1	0.2	-0.1	17.37
	15	0.2	-0.1	0.1	0.2	-0.1	19.71
	15	0.2	-0.1	0.1	0.2	-0.1	17.46
	15	0.2	-0.1	0.1	0.2	-0.1	16.43
	16	0.2	-0.1	0.1	0.2	-0.1	17.43
	16	0.2	-0.1	0.1	0.2	-0.1	19.79
	16	0.2	-0.1	0.1	0.2	-0.1	17.55
	16	0.2	-0.1	0.1	0.2	-0.1	16.48

305 358	1	0.2	-0.2	-0.1	0.3	-0.2	-10.16
	1	0.2	-0.1	-0.1	0.2	-0.2	-7.85
	1	0.2	-0.2	-0.0	0.2	-0.2	-5.38
	1	0.2	-0.2	-0.1	0.2	-0.2	-7.05
	2	0.3	-0.2	-0.1	0.3	-0.2	-10.18
	2	0.3	-0.2	-0.1	0.3	-0.2	-7.87
	2	0.2	-0.2	-0.0	0.2	-0.2	-5.40
	2	0.3	-0.2	-0.1	0.3	-0.2	-7.07
	3	0.2	-0.1	-0.0	0.2	-0.1	-5.60
	3	0.2	-0.1	-0.0	0.2	-0.1	-3.11
	3	0.2	-0.1	0.0	0.2	-0.1	0.60
	3	0.2	-0.1	-0.0	0.2	-0.1	-1.20
	4	0.2	-0.1	-0.1	0.2	-0.1	-11.91
	4	0.2	-0.1	-0.0	0.2	-0.1	-10.21
	4	0.2	-0.1	-0.0	0.2	-0.1	-9.87
	4	0.2	-0.1	-0.0	0.2	-0.1	-10.98
	5	0.3	-0.1	-0.0	0.3	-0.1	-2.26
	5	0.2	-0.1	0.0	0.2	-0.1	1.59
	5	0.2	-0.2	0.1	0.2	-0.2	7.40
	5	0.3	-0.2	0.0	0.3	-0.2	4.15
	6	0.3	-0.2	-0.0	0.3	-0.2	-3.30
	6	0.2	-0.1	0.0	0.2	-0.1	0.69
	6	0.2	-0.2	0.0	0.2	-0.2	6.62
	6	0.3	-0.2	0.0	0.3	-0.2	3.13
	7	0.2	-0.2	-0.1	0.2	-0.2	-9.07
	7	0.2	-0.2	-0.0	0.2	-0.2	-6.11
	7	0.2	-0.2	-0.0	0.2	-0.2	-2.05
	7	0.2	-0.2	-0.0	0.2	-0.2	-4.53
	8	0.1	-0.2	-0.1	0.2	-0.2	-14.66
	8	0.1	-0.1	-0.1	0.2	-0.2	-12.65
	8	0.1	-0.2	-0.1	0.1	-0.2	-11.63
	8	0.1	-0.2	-0.1	0.1	-0.2	-12.95
	9	0.1	-0.1	-0.1	0.1	-0.1	-23.38
	9	0.1	-0.1	-0.1	0.1	-0.1	-21.28
	9	0.1	-0.1	-0.1	0.1	-0.1	-24.74
	9	0.1	-0.1	-0.1	0.1	-0.1	-26.73
	10	0.1	-0.1	-0.1	0.1	-0.1	-23.42
	10	0.1	-0.1	-0.1	0.1	-0.1	-21.52
	10	0.1	-0.1	-0.1	0.1	-0.2	-24.63
	10	0.1	-0.1	-0.1	0.1	-0.2	-26.18
	11	0.2	-0.1	-0.1	0.2	-0.1	-10.17
	11	0.2	-0.1	-0.0	0.2	-0.1	-7.86
	11	0.2	-0.1	-0.0	0.2	-0.1	-5.39
	11	0.2	-0.1	-0.0	0.2	-0.1	-7.06
	12	0.2	-0.1	-0.1	0.2	-0.1	-10.18
	12	0.2	-0.1	-0.0	0.2	-0.1	-7.87
	12	0.2	-0.1	-0.0	0.2	-0.1	-5.40
	12	0.2	-0.1	-0.0	0.2	-0.1	-7.07
	13	0.2	-0.1	-0.1	0.2	-0.1	-10.17
	13	0.2	-0.1	-0.0	0.2	-0.1	-7.86
	13	0.2	-0.1	-0.0	0.2	-0.1	-5.39
	13	0.2	-0.1	-0.0	0.2	-0.1	-7.06
	14	0.2	-0.1	-0.1	0.2	-0.1	-10.19
	14	0.2	-0.1	-0.0	0.2	-0.1	-7.88
	14	0.2	-0.1	-0.0	0.2	-0.1	-5.40
	14	0.2	-0.1	-0.0	0.2	-0.1	-7.08
	15	0.2	-0.1	-0.1	0.2	-0.1	-10.17
	15	0.2	-0.1	-0.0	0.2	-0.1	-7.86
	15	0.2	-0.1	-0.0	0.2	-0.1	-5.39
	15	0.2	-0.1	-0.0	0.2	-0.1	-7.06
	16	0.2	-0.1	-0.1	0.2	-0.1	-10.20
	16	0.2	-0.1	-0.0	0.2	-0.1	-7.88
	16	0.2	-0.1	-0.0	0.2	-0.1	-5.41
	16	0.2	-0.1	-0.0	0.2	-0.1	-7.09
303 356	1	0.1	-0.2	0.0	0.1	-0.2	7.37
	1	0.1	-0.2	0.0	0.1	-0.2	4.39
	1	0.1	-0.2	0.0	0.1	-0.2	4.71
	1	0.1	-0.2	0.0	0.1	-0.2	6.71
	2	0.1	-0.2	0.0	0.1	-0.2	7.36
	2	0.1	-0.2	0.0	0.1	-0.2	4.39
	2	0.1	-0.2	0.0	0.1	-0.2	4.71
	2	0.1	-0.2	0.0	0.1	-0.2	6.71
	3	0.0	-0.2	-0.0	0.0	-0.2	-3.05

	3	0.0	-0.2	-0.0	0.0	-0.2	-4.75
	3	0.0	-0.2	-0.0	0.0	-0.2	-6.03
	3	0.0	-0.2	-0.0	0.0	-0.2	-5.57
	4	0.1	-0.1	0.0	0.1	-0.1	3.67
	4	0.1	-0.1	0.0	0.1	-0.1	5.11
	4	0.1	-0.1	0.0	0.1	-0.1	6.37
	4	0.1	-0.1	0.0	0.1	-0.1	3.77
	5	-0.1	-0.3	-0.0	-0.1	-0.3	-5.47
	5	-0.0	-0.3	-0.1	-0.0	-0.3	-12.26
	5	-0.0	-0.2	-0.1	-0.0	-0.3	-15.32
	5	-0.1	-0.3	-0.0	-0.1	-0.3	-10.20
	6	-0.0	-0.3	-0.0	-0.0	-0.3	-1.70
	6	-0.0	-0.2	-0.0	0.0	-0.3	-9.96
	6	-0.0	-0.2	-0.1	0.0	-0.3	-13.05
	6	-0.1	-0.3	-0.0	-0.1	-0.3	-6.49
	7	0.1	-0.2	0.0	0.1	-0.2	10.80
	7	0.1	-0.2	0.0	0.1	-0.2	3.71
	7	0.1	-0.2	0.0	0.1	-0.2	3.13
	7	0.1	-0.2	0.0	0.1	-0.2	9.58
	8	0.2	-0.1	0.1	0.2	-0.1	17.31
	8	0.1	-0.1	0.1	0.2	-0.1	12.44
	8	0.1	-0.1	0.1	0.2	-0.1	14.03
	8	0.1	-0.1	0.1	0.2	-0.1	18.51
	9	0.2	0.0	0.1	0.3	0.0	16.88
	9	0.2	-0.0	0.1	0.2	-0.1	17.21
	9	0.2	-0.0	0.1	0.2	-0.1	20.25
	9	0.2	0.0	0.1	0.2	-0.0	19.74
	10	0.2	0.0	0.1	0.3	0.0	20.39
	10	0.2	-0.0	0.1	0.2	-0.1	18.71
	10	0.2	-0.0	0.1	0.2	-0.1	21.62
	10	0.2	0.0	0.1	0.3	-0.0	23.12
	11	0.1	-0.1	0.0	0.1	-0.1	7.36
	11	0.1	-0.1	0.0	0.1	-0.1	4.39
	11	0.1	-0.1	0.0	0.1	-0.1	4.71
	11	0.1	-0.1	0.0	0.1	-0.1	6.71
	12	0.1	-0.1	0.0	0.1	-0.1	7.36
	12	0.1	-0.1	0.0	0.1	-0.1	4.39
	12	0.1	-0.1	0.0	0.1	-0.1	4.71
	12	0.1	-0.1	0.0	0.1	-0.1	6.71
	13	0.1	-0.1	0.0	0.1	-0.1	7.36
	13	0.1	-0.1	0.0	0.1	-0.1	4.39
	13	0.1	-0.1	0.0	0.1	-0.1	4.71
	13	0.1	-0.1	0.0	0.1	-0.1	6.71
	14	0.1	-0.1	0.0	0.1	-0.1	7.36
	14	0.1	-0.1	0.0	0.1	-0.1	4.39
	14	0.1	-0.1	0.0	0.1	-0.1	4.72
	14	0.1	-0.1	0.0	0.1	-0.1	6.72
	15	0.1	-0.1	0.0	0.1	-0.1	7.36
	15	0.1	-0.1	0.0	0.1	-0.1	4.39
	15	0.1	-0.1	0.0	0.1	-0.1	4.71
	15	0.1	-0.1	0.0	0.1	-0.1	6.71
	16	0.1	-0.1	0.0	0.1	-0.1	7.36
	16	0.1	-0.1	0.0	0.1	-0.1	4.40
	16	0.1	-0.1	0.0	0.1	-0.1	4.72
	16	0.1	-0.1	0.0	0.1	-0.1	6.72
299 352	1	0.2	-0.1	0.1	0.2	-0.1	16.52
	1	0.2	-0.1	0.1	0.2	-0.1	13.22
	1	0.2	-0.0	0.1	0.2	-0.0	11.84
	1	0.2	-0.1	0.1	0.2	-0.1	17.45
	2	0.2	-0.1	0.1	0.3	-0.1	16.54
	2	0.3	-0.1	0.1	0.3	-0.1	13.23
	2	0.3	-0.0	0.1	0.3	-0.0	11.85
	2	0.2	-0.1	0.1	0.3	-0.1	17.45
	3	0.2	-0.1	0.1	0.2	-0.1	18.65
	3	0.2	-0.1	0.1	0.2	-0.1	15.34
	3	0.2	-0.0	0.1	0.2	-0.0	13.91
	3	0.2	-0.0	0.1	0.2	-0.1	18.92
	4	0.2	-0.1	0.1	0.2	-0.1	17.23
	4	0.2	-0.1	0.1	0.2	-0.1	13.18
	4	0.2	-0.0	0.0	0.2	-0.0	11.58
	4	0.2	-0.1	0.1	0.2	-0.1	17.95
	5	0.2	-0.0	0.1	0.2	-0.1	19.56
	5	0.2	-0.0	0.1	0.2	-0.1	17.17

	5	0.2	-0.0	0.1	0.2	-0.0	16.12
	5	0.2	-0.0	0.1	0.2	-0.1	19.50
	6	0.2	-0.0	0.1	0.2	-0.1	18.91
	6	0.2	-0.0	0.1	0.2	-0.1	16.82
	6	0.2	-0.0	0.1	0.2	-0.0	15.93
	6	0.2	-0.0	0.1	0.2	-0.1	19.03
	7	0.2	-0.0	0.1	0.2	-0.1	15.66
	7	0.2	-0.0	0.0	0.2	-0.0	13.31
	7	0.2	-0.0	0.0	0.2	-0.0	12.23
	7	0.1	-0.0	0.1	0.2	-0.0	16.76
	8	0.1	-0.1	0.0	0.2	-0.1	13.48
	8	0.1	-0.0	0.0	0.2	-0.0	10.19
	8	0.1	-0.0	0.0	0.2	-0.0	8.76
	8	0.1	-0.0	0.0	0.1	-0.0	15.26
	9	0.1	-0.1	0.1	0.2	-0.1	14.12
	9	0.1	-0.1	0.0	0.2	-0.1	9.02
	9	0.2	-0.0	0.0	0.2	-0.0	7.28
	9	0.1	-0.1	0.1	0.2	-0.1	15.81
	10	0.1	-0.1	0.1	0.1	-0.1	12.74
	10	0.1	-0.1	0.0	0.1	-0.1	7.73
	10	0.2	-0.0	0.0	0.2	-0.0	5.99
	10	0.1	-0.1	0.1	0.1	-0.1	14.81
	11	0.2	-0.1	0.1	0.2	-0.1	16.53
	11	0.2	-0.0	0.1	0.2	-0.1	13.22
	11	0.2	-0.0	0.0	0.2	-0.0	11.85
	11	0.2	-0.0	0.1	0.2	-0.1	17.45
	12	0.2	-0.1	0.1	0.2	-0.1	16.54
	12	0.2	-0.0	0.1	0.2	-0.1	13.23
	12	0.2	-0.0	0.0	0.2	-0.0	11.85
	12	0.2	-0.0	0.1	0.2	-0.1	17.45
	13	0.2	-0.1	0.1	0.2	-0.1	16.53
	13	0.2	-0.0	0.1	0.2	-0.1	13.22
	13	0.2	-0.0	0.0	0.2	-0.0	11.85
	13	0.2	-0.0	0.1	0.2	-0.1	17.45
	14	0.2	-0.1	0.1	0.2	-0.1	16.55
	14	0.2	-0.0	0.1	0.2	-0.1	13.23
	14	0.2	-0.0	0.0	0.2	-0.0	11.85
	14	0.2	-0.0	0.1	0.2	-0.1	17.45
	15	0.2	-0.1	0.1	0.2	-0.1	16.53
	15	0.2	-0.0	0.1	0.2	-0.1	13.22
	15	0.2	-0.0	0.0	0.2	-0.0	11.85
	15	0.2	-0.0	0.1	0.2	-0.1	17.45
	16	0.2	-0.1	0.1	0.2	-0.1	16.56
	16	0.2	-0.0	0.1	0.2	-0.1	13.24
	16	0.2	-0.0	0.0	0.2	-0.0	11.86
	16	0.2	-0.0	0.1	0.2	-0.1	17.45
297 350	1	0.2	-0.1	-0.1	0.2	-0.1	-19.68
	1	0.2	-0.1	-0.1	0.3	-0.1	-17.34
	1	0.2	-0.1	-0.1	0.3	-0.2	-16.41
	1	0.2	-0.1	-0.1	0.3	-0.1	-17.43
	2	0.2	-0.1	-0.1	0.3	-0.2	-19.74
	2	0.3	-0.1	-0.1	0.3	-0.2	-17.40
	2	0.3	-0.1	-0.1	0.3	-0.2	-16.45
	2	0.3	-0.1	-0.1	0.3	-0.1	-17.50
	3	0.2	-0.0	-0.1	0.2	-0.0	-15.88
	3	0.2	-0.0	-0.1	0.2	-0.1	-15.95
	3	0.2	-0.0	-0.1	0.2	-0.1	-15.79
	3	0.2	0.0	-0.1	0.2	0.0	-17.05
	4	0.1	-0.1	-0.1	0.2	-0.1	-16.79
	4	0.2	-0.1	-0.1	0.2	-0.1	-13.59
	4	0.2	-0.1	-0.1	0.2	-0.1	-14.09
	4	0.1	-0.0	-0.0	0.2	-0.0	-12.65
	5	0.2	-0.0	-0.1	0.2	-0.0	-18.06
	5	0.2	-0.0	-0.1	0.2	-0.1	-19.84
	5	0.3	-0.0	-0.1	0.3	-0.1	-17.94
	5	0.2	0.1	-0.1	0.3	0.0	-22.19
	6	0.2	-0.0	-0.1	0.2	-0.1	-19.93
	6	0.2	-0.0	-0.1	0.3	-0.1	-20.67
	6	0.3	-0.1	-0.1	0.3	-0.1	-18.36
	6	0.3	0.0	-0.1	0.3	-0.0	-22.31
	7	0.2	-0.1	-0.1	0.2	-0.1	-21.62
	7	0.2	-0.1	-0.1	0.2	-0.1	-19.86
	7	0.2	-0.1	-0.1	0.3	-0.2	-17.88

	7	0.2	-0.1	-0.1	0.3	-0.1	-19.97
	8	0.2	-0.1	-0.1	0.2	-0.2	-21.78
	8	0.2	-0.1	-0.1	0.2	-0.2	-18.43
	8	0.2	-0.2	-0.1	0.2	-0.2	-16.99
	8	0.2	-0.1	-0.1	0.2	-0.2	-17.82
	9	0.1	-0.1	-0.1	0.2	-0.2	-19.68
	9	0.1	-0.1	-0.1	0.1	-0.1	-13.39
	9	0.1	-0.1	-0.1	0.1	-0.1	-13.46
	9	0.1	-0.1	-0.0	0.1	-0.1	-11.50
	10	0.1	-0.1	-0.1	0.2	-0.2	-20.90
	10	0.1	-0.1	-0.1	0.2	-0.2	-15.12
	10	0.1	-0.2	-0.1	0.1	-0.2	-14.68
	10	0.1	-0.2	-0.1	0.1	-0.2	-13.59
	11	0.2	-0.1	-0.1	0.2	-0.1	-19.71
	11	0.2	-0.1	-0.1	0.2	-0.1	-17.37
	11	0.2	-0.1	-0.1	0.2	-0.1	-16.43
	11	0.2	-0.1	-0.1	0.2	-0.1	-17.46
	12	0.2	-0.1	-0.1	0.2	-0.1	-19.74
	12	0.2	-0.1	-0.1	0.2	-0.1	-17.40
	12	0.2	-0.1	-0.1	0.2	-0.1	-16.45
	12	0.2	-0.1	-0.1	0.2	-0.1	-17.50
	13	0.2	-0.1	-0.1	0.2	-0.1	-19.71
	13	0.2	-0.1	-0.1	0.2	-0.1	-17.37
	13	0.2	-0.1	-0.1	0.2	-0.1	-16.43
	13	0.2	-0.1	-0.1	0.2	-0.1	-17.46
	14	0.2	-0.1	-0.1	0.2	-0.1	-19.77
	14	0.2	-0.1	-0.1	0.2	-0.1	-17.41
	14	0.2	-0.1	-0.1	0.2	-0.1	-16.47
	14	0.2	-0.1	-0.1	0.2	-0.1	-17.52
	15	0.2	-0.1	-0.1	0.2	-0.1	-19.71
	15	0.2	-0.1	-0.1	0.2	-0.1	-17.37
	15	0.2	-0.1	-0.1	0.2	-0.1	-16.43
	15	0.2	-0.1	-0.1	0.2	-0.1	-17.46
	16	0.2	-0.1	-0.1	0.2	-0.1	-19.79
	16	0.2	-0.1	-0.1	0.2	-0.1	-17.43
	16	0.2	-0.1	-0.1	0.2	-0.1	-16.48
	16	0.2	-0.1	-0.1	0.2	-0.1	-17.55
295 341	1	0.2	-0.6	-0.2	0.2	-0.6	-14.08
	1	0.3	0.0	-0.0	0.3	0.0	-1.06
	1	0.1	-0.1	-0.1	0.2	-0.1	-22.69
	1	0.2	-0.3	-0.0	0.2	-0.3	-5.00
	2	0.2	-0.6	-0.2	0.2	-0.7	-14.10
	2	0.4	0.0	-0.0	0.4	0.0	-1.14
	2	0.2	-0.1	-0.1	0.2	-0.1	-22.64
	2	0.2	-0.3	-0.0	0.2	-0.3	-5.09
	3	0.1	-0.5	-0.2	0.1	-0.5	-14.54
	3	0.2	0.0	-0.0	0.2	0.0	-0.90
	3	0.1	-0.0	-0.1	0.1	-0.1	-21.48
	3	0.1	-0.2	0.0	0.1	-0.2	0.01
	4	0.1	-0.5	-0.2	0.2	-0.5	-13.97
	4	0.2	0.0	0.0	0.2	0.0	1.85
	4	0.1	-0.0	-0.1	0.1	-0.1	-23.26
	4	0.1	-0.3	-0.0	0.1	-0.3	-0.91
	5	0.1	-0.4	-0.1	0.1	-0.4	-15.33
	5	0.2	0.0	-0.0	0.2	0.0	-7.50
	5	0.1	-0.0	-0.1	0.2	-0.1	-20.04
	5	0.2	-0.2	-0.0	0.2	-0.2	-2.48
	6	0.1	-0.3	-0.1	0.1	-0.4	-15.29
	6	0.2	0.0	-0.0	0.2	0.0	-8.02
	6	0.1	-0.0	-0.1	0.2	-0.1	-20.43
	6	0.2	-0.1	-0.0	0.2	-0.2	-5.73
	7	0.1	-0.3	-0.1	0.2	-0.4	-14.29
	7	0.2	0.0	-0.0	0.2	0.0	-4.01
	7	0.1	-0.1	-0.1	0.2	-0.1	-22.17
	7	0.1	-0.2	-0.1	0.2	-0.2	-9.69
	8	0.2	-0.4	-0.1	0.2	-0.4	-13.66
	8	0.3	0.0	-0.0	0.3	0.0	-1.41
	8	0.1	-0.1	-0.1	0.2	-0.1	-23.36
	8	0.1	-0.2	-0.1	0.1	-0.2	-9.87
	9	0.2	-0.5	-0.2	0.2	-0.5	-13.32
	9	0.3	0.0	0.0	0.3	0.0	2.62
	9	0.1	-0.1	-0.1	0.1	-0.1	-25.10
	9	0.1	-0.3	-0.0	0.1	-0.3	-4.74

	10	0.2	-0.5	-0.2	0.2	-0.5	-13.21
	10	0.3	0.0	0.0	0.3	0.0	1.69
	10	0.1	-0.1	-0.1	0.1	-0.1	-24.93
	10	0.1	-0.3	-0.1	0.1	-0.3	-7.23
	11	0.1	-0.4	-0.1	0.2	-0.5	-14.09
	11	0.2	0.0	-0.0	0.2	0.0	-1.10
	11	0.1	-0.1	-0.1	0.1	-0.1	-22.66
	11	0.1	-0.2	-0.0	0.1	-0.2	-5.05
	12	0.1	-0.4	-0.1	0.2	-0.5	-14.10
	12	0.2	0.0	-0.0	0.2	0.0	-1.14
	12	0.1	-0.1	-0.1	0.1	-0.1	-22.64
	12	0.1	-0.2	-0.0	0.1	-0.2	-5.09
	13	0.1	-0.4	-0.1	0.2	-0.5	-14.09
	13	0.2	0.0	-0.0	0.2	0.0	-1.10
	13	0.1	-0.1	-0.1	0.1	-0.1	-22.66
	13	0.1	-0.2	-0.0	0.1	-0.2	-5.05
	14	0.1	-0.4	-0.1	0.2	-0.5	-14.10
	14	0.2	0.0	-0.0	0.2	0.0	-1.17
	14	0.1	-0.1	-0.1	0.1	-0.1	-22.63
	14	0.1	-0.2	-0.0	0.1	-0.2	-5.13
	15	0.1	-0.4	-0.1	0.2	-0.5	-14.09
	15	0.2	0.0	-0.0	0.2	0.0	-1.10
	15	0.1	-0.1	-0.1	0.1	-0.1	-22.66
	15	0.1	-0.2	-0.0	0.1	-0.2	-5.05
	16	0.1	-0.4	-0.1	0.2	-0.5	-14.11
	16	0.2	0.0	-0.0	0.2	0.0	-1.20
	16	0.1	-0.1	-0.1	0.1	-0.1	-22.61
	16	0.1	-0.2	-0.0	0.1	-0.2	-5.16
269 315	1	0.2	-0.2	-0.1	0.2	-0.2	-13.17
	1	0.2	-0.1	-0.1	0.2	-0.1	-18.14
	1	0.2	-0.1	-0.1	0.2	-0.1	-17.35
	1	0.2	-0.1	-0.1	0.2	-0.1	-11.99
	2	0.2	-0.2	-0.1	0.3	-0.2	-13.27
	2	0.2	-0.1	-0.1	0.3	-0.2	-18.17
	2	0.2	-0.1	-0.1	0.3	-0.2	-17.41
	2	0.2	-0.1	-0.1	0.2	-0.1	-12.12
	3	0.1	-0.1	-0.0	0.2	-0.1	-6.70
	3	0.1	-0.1	-0.1	0.2	-0.1	-14.81
	3	0.2	-0.0	-0.1	0.2	-0.1	-13.65
	3	0.1	-0.0	-0.0	0.1	-0.0	-3.77
	4	0.1	-0.1	-0.0	0.1	-0.1	-8.91
	4	0.1	-0.1	-0.1	0.2	-0.1	-15.80
	4	0.1	-0.1	-0.1	0.2	-0.1	-14.51
	4	0.1	-0.1	-0.0	0.1	-0.1	-5.03
	5	0.2	-0.1	-0.0	0.2	-0.1	-8.69
	5	0.2	-0.0	-0.1	0.2	-0.1	-16.03
	5	0.2	-0.0	-0.1	0.2	-0.1	-15.49
	5	0.2	-0.0	-0.0	0.2	-0.0	-9.21
	6	0.2	-0.1	-0.1	0.2	-0.1	-12.05
	6	0.2	-0.1	-0.1	0.2	-0.1	-17.67
	6	0.2	-0.0	-0.1	0.2	-0.1	-17.36
	6	0.2	-0.0	-0.1	0.2	-0.0	-13.36
	7	0.2	-0.1	-0.1	0.2	-0.1	-16.68
	7	0.2	-0.1	-0.1	0.2	-0.1	-19.94
	7	0.2	-0.1	-0.1	0.2	-0.1	-19.50
	7	0.2	-0.1	-0.1	0.2	-0.1	-16.75
	8	0.2	-0.1	-0.1	0.2	-0.2	-17.81
	8	0.2	-0.1	-0.1	0.2	-0.1	-20.53
	8	0.2	-0.1	-0.1	0.2	-0.2	-19.88
	8	0.1	-0.1	-0.1	0.2	-0.2	-16.81
	9	0.1	-0.1	-0.1	0.1	-0.2	-14.55
	9	0.1	-0.1	-0.1	0.2	-0.1	-18.74
	9	0.1	-0.1	-0.1	0.2	-0.1	-17.56
	9	0.1	-0.1	-0.0	0.1	-0.1	-11.20
	10	0.1	-0.2	-0.1	0.2	-0.2	-16.84
	10	0.1	-0.1	-0.1	0.2	-0.1	-19.99
	10	0.1	-0.1	-0.1	0.2	-0.2	-18.98
	10	0.1	-0.1	-0.1	0.1	-0.2	-14.25
	11	0.2	-0.1	-0.1	0.2	-0.1	-13.22
	11	0.2	-0.1	-0.1	0.2	-0.1	-18.16
	11	0.2	-0.1	-0.1	0.2	-0.1	-17.38
	11	0.1	-0.1	-0.1	0.2	-0.1	-12.06
	12	0.2	-0.1	-0.1	0.2	-0.1	-13.27

	12	0.2	-0.1	-0.1	0.2	-0.1	-18.17
	12	0.2	-0.1	-0.1	0.2	-0.1	-17.41
	12	0.1	-0.1	-0.1	0.2	-0.1	-12.12
	13	0.2	-0.1	-0.1	0.2	-0.1	-13.22
	13	0.2	-0.1	-0.1	0.2	-0.1	-18.16
	13	0.2	-0.1	-0.1	0.2	-0.1	-17.38
	13	0.1	-0.1	-0.1	0.2	-0.1	-12.06
	14	0.2	-0.1	-0.1	0.2	-0.1	-13.30
	14	0.2	-0.1	-0.1	0.2	-0.1	-18.18
	14	0.2	-0.1	-0.1	0.2	-0.1	-17.43
	14	0.1	-0.1	-0.1	0.2	-0.1	-12.17
	15	0.2	-0.1	-0.1	0.2	-0.1	-13.22
	15	0.2	-0.1	-0.1	0.2	-0.1	-18.16
	15	0.2	-0.1	-0.1	0.2	-0.1	-17.38
	15	0.1	-0.1	-0.1	0.2	-0.1	-12.06
	16	0.2	-0.1	-0.1	0.2	-0.1	-13.34
	16	0.2	-0.1	-0.1	0.2	-0.1	-18.19
	16	0.2	-0.1	-0.1	0.2	-0.1	-17.45
	16	0.1	-0.1	-0.1	0.2	-0.1	-12.21
261 308	1	0.2	-0.0	0.0	0.2	-0.0	11.65
	1	0.3	-0.0	0.0	0.3	-0.0	6.53
	1	0.3	0.0	0.0	0.3	0.0	0.69
	1	0.3	0.0	-0.0	0.3	0.0	-0.02
	2	0.2	-0.0	0.1	0.3	-0.0	11.68
	2	0.3	-0.0	0.0	0.3	-0.0	6.57
	2	0.4	0.0	0.0	0.4	0.0	0.70
	2	0.4	0.0	0.0	0.4	0.0	0.02
	3	0.2	-0.0	0.1	0.2	-0.0	14.36
	3	0.2	-0.0	0.0	0.2	-0.0	9.01
	3	0.3	0.0	0.0	0.3	-0.0	1.61
	3	0.3	-0.0	0.0	0.3	-0.0	1.54
	4	0.2	-0.0	0.0	0.2	-0.0	11.78
	4	0.2	-0.0	0.0	0.2	-0.0	6.11
	4	0.3	-0.0	0.0	0.3	-0.0	0.63
	4	0.3	0.0	0.0	0.3	0.0	0.58
	5	0.1	-0.0	0.1	0.2	-0.0	17.26
	5	0.2	-0.0	0.0	0.2	-0.0	12.53
	5	0.2	0.0	0.0	0.2	0.0	2.95
	5	0.2	-0.0	0.0	0.2	-0.0	2.41
	6	0.1	-0.0	0.0	0.1	-0.0	16.97
	6	0.2	-0.0	0.0	0.2	-0.0	12.53
	6	0.2	0.0	0.0	0.2	0.0	2.93
	6	0.2	-0.0	0.0	0.2	-0.0	1.81
	7	0.1	-0.0	0.0	0.1	-0.0	11.58
	7	0.2	0.0	0.0	0.2	-0.0	7.33
	7	0.2	0.0	0.0	0.2	0.0	0.86
	7	0.2	-0.0	-0.0	0.2	-0.0	-0.81
	8	0.1	-0.0	0.0	0.1	-0.0	7.74
	8	0.2	-0.0	0.0	0.2	-0.0	3.18
	8	0.2	0.0	-0.0	0.2	0.0	-0.48
	8	0.2	0.0	-0.0	0.2	0.0	-1.80
	9	0.2	-0.0	0.0	0.2	-0.0	7.56
	9	0.2	-0.0	0.0	0.2	-0.0	1.79
	9	0.3	-0.0	-0.0	0.3	-0.0	-0.72
	9	0.3	0.0	-0.0	0.3	0.0	-0.99
	10	0.2	-0.0	0.0	0.2	-0.0	6.07
	10	0.2	-0.0	0.0	0.2	-0.0	0.60
	10	0.3	-0.0	-0.0	0.3	-0.0	-1.12
	10	0.3	0.0	-0.0	0.3	0.0	-1.68
	11	0.2	-0.0	0.0	0.2	-0.0	11.66
	11	0.2	-0.0	0.0	0.2	-0.0	6.55
	11	0.3	0.0	0.0	0.3	0.0	0.69
	11	0.2	0.0	-0.0	0.2	0.0	-0.00
	12	0.2	-0.0	0.0	0.2	-0.0	11.68
	12	0.2	-0.0	0.0	0.2	-0.0	6.57
	12	0.3	0.0	0.0	0.3	0.0	0.70
	12	0.2	0.0	0.0	0.2	0.0	0.02
	13	0.2	-0.0	0.0	0.2	-0.0	11.66
	13	0.2	-0.0	0.0	0.2	-0.0	6.55
	13	0.3	0.0	0.0	0.3	0.0	0.69
	13	0.2	0.0	-0.0	0.2	0.0	-0.00
	14	0.2	-0.0	0.0	0.2	-0.0	11.69
	14	0.2	-0.0	0.0	0.2	-0.0	6.58

	14	0.3	0.0	0.0	0.3	0.0	0.71
	14	0.2	0.0	0.0	0.2	0.0	0.03
	15	0.2	-0.0	0.0	0.2	-0.0	11.66
	15	0.2	-0.0	0.0	0.2	-0.0	6.55
	15	0.3	0.0	0.0	0.3	0.0	0.69
	15	0.2	0.0	-0.0	0.2	0.0	-0.00
	16	0.2	-0.0	0.0	0.2	-0.0	11.70
	16	0.2	-0.0	0.0	0.2	-0.0	6.59
	16	0.3	0.0	0.0	0.3	0.0	0.72
	16	0.2	0.0	0.0	0.2	0.0	0.04
267 313	1	0.2	-0.1	-0.0	0.2	-0.1	-4.94
	1	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	1	0.2	-0.2	-0.0	0.2	-0.2	-1.08
	1	0.2	-0.2	-0.0	0.2	-0.2	-3.27
	2	0.2	-0.2	-0.0	0.3	-0.2	-4.95
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.65
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.09
	2	0.2	-0.2	-0.0	0.2	-0.2	-3.29
	3	0.2	-0.1	-0.0	0.2	-0.1	-0.24
	3	0.2	-0.1	0.0	0.2	-0.1	2.73
	3	0.2	-0.1	0.0	0.2	-0.1	4.96
	3	0.2	-0.1	0.0	0.2	-0.1	2.83
	4	0.2	-0.1	-0.0	0.2	-0.1	-8.08
	4	0.2	-0.1	-0.0	0.2	-0.1	-5.48
	4	0.2	-0.1	-0.0	0.2	-0.1	-6.82
	4	0.2	-0.1	-0.0	0.2	-0.1	-8.51
	5	0.2	-0.1	0.0	0.2	-0.1	5.94
	5	0.2	-0.1	0.1	0.2	-0.1	10.62
	5	0.2	-0.1	0.1	0.2	-0.1	15.53
	5	0.2	-0.1	0.1	0.2	-0.2	11.31
	6	0.2	-0.1	0.0	0.2	-0.1	5.29
	6	0.2	-0.1	0.1	0.2	-0.1	10.31
	6	0.2	-0.1	0.1	0.2	-0.2	15.31
	6	0.2	-0.2	0.1	0.2	-0.2	10.79
	7	0.2	-0.1	-0.0	0.2	-0.1	-2.33
	7	0.1	-0.1	0.0	0.1	-0.1	1.90
	7	0.1	-0.1	0.0	0.1	-0.1	4.29
	7	0.1	-0.2	0.0	0.1	-0.2	1.07
	8	0.1	-0.1	-0.0	0.1	-0.1	-9.69
	8	0.1	-0.1	-0.0	0.1	-0.1	-5.93
	8	0.1	-0.1	-0.0	0.1	-0.1	-7.14
	8	0.1	-0.1	-0.0	0.1	-0.2	-9.66
	9	0.1	-0.1	-0.1	0.2	-0.1	-18.63
	9	0.2	-0.1	-0.1	0.2	-0.1	-14.71
	9	0.1	-0.1	-0.1	0.2	-0.1	-19.03
	9	0.1	-0.1	-0.1	0.2	-0.1	-22.52
	10	0.1	-0.1	-0.1	0.1	-0.1	-18.80
	10	0.1	-0.1	-0.1	0.2	-0.1	-14.70
	10	0.1	-0.1	-0.1	0.2	-0.2	-19.00
	10	0.1	-0.1	-0.1	0.1	-0.1	-22.51
	11	0.2	-0.1	-0.0	0.2	-0.1	-4.94
	11	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	11	0.2	-0.1	-0.0	0.2	-0.1	-1.08
	11	0.2	-0.1	-0.0	0.2	-0.1	-3.28
	12	0.2	-0.1	-0.0	0.2	-0.1	-4.95
	12	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.09
	12	0.2	-0.1	-0.0	0.2	-0.1	-3.29
	13	0.2	-0.1	-0.0	0.2	-0.1	-4.94
	13	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	13	0.2	-0.1	-0.0	0.2	-0.1	-1.08
	13	0.2	-0.1	-0.0	0.2	-0.1	-3.28
	14	0.2	-0.1	-0.0	0.2	-0.1	-4.95
	14	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.09
	14	0.2	-0.1	-0.0	0.2	-0.1	-3.29
	15	0.2	-0.1	-0.0	0.2	-0.1	-4.94
	15	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	15	0.2	-0.1	-0.0	0.2	-0.1	-1.08
	15	0.2	-0.1	-0.0	0.2	-0.1	-3.28
	16	0.2	-0.1	-0.0	0.2	-0.1	-4.96
	16	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.09

	16	0.2	-0.1	-0.0	0.2	-0.1	-3.29
293 339	1	0.1	-0.2	-0.0	0.1	-0.2	-2.98
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.84
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.77
	1	0.1	-0.2	-0.0	0.1	-0.2	-2.86
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.99
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.84
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.77
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.86
	3	0.1	-0.1	0.0	0.1	-0.1	1.01
	3	0.1	-0.1	0.0	0.1	-0.1	4.86
	3	0.1	-0.1	0.0	0.1	-0.1	3.91
	3	0.1	-0.2	0.0	0.1	-0.2	0.11
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.92
	4	0.1	-0.1	-0.0	0.1	-0.1	-7.62
	4	0.1	-0.1	-0.0	0.1	-0.1	-6.54
	4	0.1	-0.1	-0.0	0.1	-0.1	-9.69
	5	0.0	-0.2	0.1	0.1	-0.2	15.71
	5	0.1	-0.2	0.1	0.1	-0.2	18.26
	5	0.1	-0.2	0.1	0.1	-0.2	15.73
	5	0.0	-0.2	0.1	0.0	-0.2	12.95
	6	0.0	-0.2	0.1	0.0	-0.2	17.04
	6	0.1	-0.2	0.1	0.1	-0.2	18.97
	6	0.1	-0.2	0.1	0.1	-0.2	16.37
	6	0.0	-0.2	0.1	0.0	-0.2	14.28
	7	0.0	-0.2	0.0	0.0	-0.2	6.04
	7	0.1	-0.2	0.0	0.1	-0.2	6.82
	7	0.1	-0.2	0.0	0.1	-0.2	5.63
	7	0.1	-0.2	0.0	0.1	-0.2	4.82
	8	0.1	-0.1	-0.0	0.1	-0.1	-7.22
	8	0.1	-0.1	-0.0	0.1	-0.1	-7.02
	8	0.1	-0.1	-0.0	0.1	-0.1	-5.78
	8	0.1	-0.1	-0.0	0.1	-0.1	-5.97
	9	0.2	-0.1	-0.1	0.2	-0.1	-20.70
	9	0.1	-0.1	-0.1	0.1	-0.2	-19.20
	9	0.1	-0.1	-0.1	0.1	-0.1	-16.67
	9	0.2	-0.1	-0.1	0.2	-0.1	-18.02
	10	0.1	-0.1	-0.1	0.2	-0.1	-20.21
	10	0.1	-0.1	-0.1	0.1	-0.2	-19.37
	10	0.1	-0.1	-0.1	0.1	-0.1	-16.73
	10	0.2	-0.1	-0.1	0.2	-0.1	-17.39
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.86
362 408	1	0.1	-0.2	-0.0	0.1	-0.2	-2.23
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.62
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.21
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.76
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.23
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.62
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.21

	2	0.2	-0.2	-0.0	0.2	-0.2	-0.76
	3	0.1	-0.2	-0.0	0.1	-0.2	-0.87
	3	0.1	-0.1	0.0	0.1	-0.1	2.34
	3	0.1	-0.2	0.0	0.1	-0.2	0.29
	3	0.1	-0.2	-0.0	0.1	-0.2	-1.69
	4	0.1	-0.1	-0.0	0.1	-0.1	-7.39
	4	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	4	0.1	-0.1	-0.0	0.1	-0.1	-1.89
	4	0.1	-0.1	-0.0	0.1	-0.1	-3.66
	5	0.0	-0.2	0.0	0.0	-0.2	8.41
	5	0.1	-0.2	0.0	0.1	-0.2	10.94
	5	0.1	-0.2	0.0	0.1	-0.2	3.32
	5	0.0	-0.2	0.0	0.0	-0.2	2.06
	6	0.0	-0.2	0.0	0.0	-0.2	9.71
	6	0.1	-0.2	0.0	0.1	-0.2	11.47
	6	0.1	-0.2	0.0	0.1	-0.2	3.70
	6	0.0	-0.2	0.0	0.0	-0.2	3.24
	7	0.1	-0.2	0.0	0.1	-0.2	3.41
	7	0.1	-0.2	0.0	0.1	-0.2	3.82
	7	0.1	-0.2	0.0	0.1	-0.2	1.51
	7	0.1	-0.2	0.0	0.1	-0.2	2.22
	8	0.1	-0.1	-0.0	0.1	-0.1	-3.65
	8	0.1	-0.1	-0.0	0.1	-0.1	-3.74
	8	0.1	-0.1	-0.0	0.1	-0.1	-0.71
	8	0.1	-0.1	0.0	0.1	-0.1	0.17
	9	0.2	-0.1	-0.1	0.2	-0.1	-13.10
	9	0.1	-0.1	-0.1	0.1	-0.1	-11.98
	9	0.1	-0.1	-0.0	0.1	-0.1	-3.95
	9	0.2	-0.1	-0.0	0.2	-0.1	-4.62
	10	0.2	-0.1	-0.1	0.2	-0.1	-12.26
	10	0.1	-0.1	-0.1	0.1	-0.1	-11.87
	10	0.1	-0.1	-0.0	0.1	-0.1	-3.62
	10	0.2	-0.1	-0.0	0.2	-0.1	-3.50
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.23
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.62
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.21
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.76
360 406	1	0.1	-0.2	0.0	0.1	-0.2	2.86
	1	0.1	-0.2	0.0	0.1	-0.2	0.77
	1	0.1	-0.2	0.0	0.1	-0.2	0.84
	1	0.1	-0.2	0.0	0.1	-0.2	2.98
	2	0.1	-0.2	0.0	0.1	-0.2	2.86
	2	0.1	-0.2	0.0	0.1	-0.2	0.77
	2	0.1	-0.2	0.0	0.1	-0.2	0.84
	2	0.1	-0.2	0.0	0.1	-0.2	2.99
	3	0.1	-0.2	-0.0	0.1	-0.2	-4.82
	3	0.1	-0.2	-0.0	0.1	-0.2	-5.63
	3	0.1	-0.2	-0.0	0.1	-0.2	-6.82
	3	0.0	-0.2	-0.0	0.0	-0.2	-6.04
	4	0.1	-0.1	0.0	0.1	-0.1	5.97
	4	0.1	-0.1	0.0	0.1	-0.1	5.78
	4	0.1	-0.1	0.0	0.1	-0.1	7.02
	4	0.1	-0.1	0.0	0.1	-0.1	7.22

	5	0.0	-0.2	-0.1	0.0	-0.2	-14.28
	5	0.1	-0.2	-0.1	0.1	-0.2	-16.37
	5	0.1	-0.2	-0.1	0.1	-0.2	-18.97
	5	0.0	-0.2	-0.1	0.0	-0.2	-17.04
	6	0.0	-0.2	-0.1	0.0	-0.2	-12.95
	6	0.1	-0.2	-0.1	0.1	-0.2	-15.73
	6	0.1	-0.2	-0.1	0.1	-0.2	-18.26
	6	0.0	-0.2	-0.1	0.1	-0.2	-15.71
	7	0.1	-0.2	-0.0	0.1	-0.2	-0.11
	7	0.1	-0.1	-0.0	0.1	-0.1	-3.91
	7	0.1	-0.1	-0.0	0.1	-0.1	-4.86
	7	0.1	-0.1	-0.0	0.1	-0.1	-1.01
	8	0.1	-0.1	0.0	0.1	-0.1	9.69
	8	0.1	-0.1	0.0	0.1	-0.1	6.54
	8	0.1	-0.1	0.0	0.1	-0.1	7.62
	8	0.1	-0.1	0.0	0.1	-0.1	10.92
	9	0.2	-0.1	0.1	0.2	-0.1	17.39
	9	0.1	-0.1	0.1	0.1	-0.1	16.73
	9	0.1	-0.1	0.1	0.1	-0.2	19.37
	9	0.1	-0.1	0.1	0.2	-0.1	20.21
	10	0.2	-0.1	0.1	0.2	-0.1	18.02
	10	0.1	-0.1	0.1	0.1	-0.1	16.67
	10	0.1	-0.1	0.1	0.1	-0.2	19.20
	10	0.2	-0.1	0.1	0.2	-0.1	20.70
	11	0.1	-0.1	0.0	0.1	-0.1	2.86
	11	0.1	-0.1	0.0	0.1	-0.1	0.77
	11	0.1	-0.1	0.0	0.1	-0.1	0.84
	11	0.1	-0.1	0.0	0.1	-0.1	2.99
	12	0.1	-0.1	0.0	0.1	-0.1	2.86
	12	0.1	-0.1	0.0	0.1	-0.1	0.77
	12	0.1	-0.1	0.0	0.1	-0.1	0.84
	12	0.1	-0.1	0.0	0.1	-0.1	2.99
	13	0.1	-0.1	0.0	0.1	-0.1	2.86
	13	0.1	-0.1	0.0	0.1	-0.1	0.77
	13	0.1	-0.1	0.0	0.1	-0.1	0.84
	13	0.1	-0.1	0.0	0.1	-0.1	2.99
	14	0.1	-0.1	0.0	0.1	-0.1	2.86
	14	0.1	-0.1	0.0	0.1	-0.1	0.77
	14	0.1	-0.1	0.0	0.1	-0.1	0.84
	14	0.1	-0.1	0.0	0.1	-0.1	2.99
	15	0.1	-0.1	0.0	0.1	-0.1	2.86
	15	0.1	-0.1	0.0	0.1	-0.1	0.77
	15	0.1	-0.1	0.0	0.1	-0.1	0.84
	15	0.1	-0.1	0.0	0.1	-0.1	2.99
	16	0.1	-0.1	0.0	0.1	-0.1	2.86
	16	0.1	-0.1	0.0	0.1	-0.1	0.77
	16	0.1	-0.1	0.0	0.1	-0.1	0.84
	16	0.1	-0.1	0.0	0.1	-0.1	2.99
358 404	1	0.1	-0.2	0.0	0.1	-0.2	2.60
	1	0.1	-0.2	0.0	0.1	-0.2	0.76
	1	0.1	-0.2	0.0	0.1	-0.2	0.25
	1	0.1	-0.2	0.0	0.1	-0.2	0.76
	2	0.1	-0.2	0.0	0.1	-0.2	2.61
	2	0.1	-0.2	0.0	0.1	-0.2	0.76
	2	0.1	-0.2	0.0	0.1	-0.2	0.26
	2	0.1	-0.2	0.0	0.1	-0.2	0.78
	3	0.0	-0.2	-0.0	0.0	-0.2	-8.87
	3	0.0	-0.2	-0.0	0.1	-0.2	-9.27
	3	0.0	-0.2	-0.0	0.0	-0.2	-12.46
	3	0.0	-0.2	-0.0	0.0	-0.2	-12.64
	4	0.1	-0.1	0.0	0.1	-0.1	9.11
	4	0.1	-0.1	0.0	0.1	-0.1	9.27
	4	0.0	-0.1	0.0	0.1	-0.2	11.82
	4	0.0	-0.1	0.0	0.1	-0.1	10.60
	5	0.0	-0.2	-0.1	0.1	-0.2	-21.85
	5	0.1	-0.2	-0.1	0.1	-0.2	-23.23
	5	0.1	-0.2	-0.1	0.1	-0.2	-27.27
	5	0.0	-0.2	-0.1	0.1	-0.3	-25.67
	6	0.0	-0.2	-0.1	0.1	-0.2	-20.71
	6	0.1	-0.1	-0.1	0.1	-0.2	-22.52
	6	0.1	-0.1	-0.1	0.1	-0.2	-26.70
	6	0.0	-0.2	-0.1	0.1	-0.2	-24.98
	7	0.1	-0.1	-0.0	0.1	-0.1	-3.53

	7	0.1	-0.1	-0.0	0.1	-0.1	-6.98
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.14
	7	0.1	-0.1	-0.0	0.1	-0.1	-8.11
	8	0.1	-0.1	0.1	0.1	-0.1	12.80
	8	0.1	-0.1	0.0	0.1	-0.1	9.63
	8	0.1	-0.1	0.0	0.1	-0.1	11.94
	8	0.1	-0.1	0.1	0.1	-0.1	14.27
	9	0.1	-0.1	0.1	0.2	-0.1	24.53
	9	0.1	-0.1	0.1	0.1	-0.2	23.76
	9	0.1	-0.1	0.1	0.2	-0.2	28.10
	9	0.1	-0.1	0.1	0.2	-0.2	29.25
	10	0.1	-0.1	0.1	0.2	-0.1	24.86
	10	0.1	-0.1	0.1	0.2	-0.2	23.48
	10	0.1	-0.1	0.1	0.2	-0.2	27.81
	10	0.1	-0.1	0.1	0.2	-0.2	29.51
	11	0.1	-0.1	0.0	0.1	-0.1	2.61
	11	0.1	-0.1	0.0	0.1	-0.1	0.76
	11	0.1	-0.1	0.0	0.1	-0.1	0.25
	11	0.1	-0.1	0.0	0.1	-0.1	0.77
	12	0.1	-0.1	0.0	0.1	-0.1	2.61
	12	0.1	-0.1	0.0	0.1	-0.1	0.76
	12	0.1	-0.1	0.0	0.1	-0.1	0.26
	12	0.1	-0.1	0.0	0.1	-0.1	0.78
	13	0.1	-0.1	0.0	0.1	-0.1	2.61
	13	0.1	-0.1	0.0	0.1	-0.1	0.76
	13	0.1	-0.1	0.0	0.1	-0.1	0.25
	13	0.1	-0.1	0.0	0.1	-0.1	0.77
	14	0.1	-0.1	0.0	0.1	-0.1	2.61
	14	0.1	-0.1	0.0	0.1	-0.1	0.76
	14	0.1	-0.1	0.0	0.1	-0.1	0.26
	14	0.1	-0.1	0.0	0.1	-0.1	0.78
	15	0.1	-0.1	0.0	0.1	-0.1	2.61
	15	0.1	-0.1	0.0	0.1	-0.1	0.76
	15	0.1	-0.1	0.0	0.1	-0.1	0.25
	15	0.1	-0.1	0.0	0.1	-0.1	0.77
	16	0.1	-0.1	0.0	0.1	-0.1	2.62
	16	0.1	-0.1	0.0	0.1	-0.1	0.76
	16	0.1	-0.1	0.0	0.1	-0.1	0.26
	16	0.1	-0.1	0.0	0.1	-0.1	0.79
315 369	1	0.2	-0.1	0.0	0.2	-0.1	8.29
	1	0.2	-0.1	0.0	0.2	-0.1	2.63
	1	0.3	-0.0	0.0	0.3	-0.0	1.99
	1	0.2	-0.0	0.0	0.2	-0.0	6.64
	2	0.3	-0.1	0.0	0.3	-0.1	8.30
	2	0.3	-0.1	0.0	0.3	-0.1	2.64
	2	0.3	-0.0	0.0	0.3	-0.0	2.00
	2	0.3	-0.0	0.0	0.3	-0.0	6.65
	3	0.2	-0.1	0.0	0.2	-0.1	10.59
	3	0.2	-0.0	0.0	0.2	-0.1	4.80
	3	0.2	-0.0	0.0	0.2	-0.0	4.04
	3	0.2	-0.0	0.0	0.2	-0.0	8.90
	4	0.2	-0.1	0.0	0.2	-0.1	7.44
	4	0.2	-0.1	0.0	0.2	-0.1	0.96
	4	0.2	-0.0	0.0	0.2	-0.0	0.35
	4	0.2	-0.0	0.0	0.2	-0.0	5.65
	5	0.2	-0.0	0.1	0.2	-0.1	13.70
	5	0.2	-0.0	0.0	0.2	-0.0	9.26
	5	0.2	-0.0	0.0	0.2	-0.0	8.52
	5	0.2	-0.0	0.1	0.2	-0.0	12.39
	6	0.2	-0.0	0.1	0.2	-0.0	13.61
	6	0.2	-0.0	0.0	0.2	-0.0	9.52
	6	0.2	-0.0	0.0	0.2	-0.0	8.92
	6	0.2	-0.0	0.0	0.2	-0.0	12.46
	7	0.2	-0.0	0.0	0.2	-0.0	9.35
	7	0.2	-0.0	0.0	0.2	-0.0	4.69
	7	0.2	-0.0	0.0	0.2	-0.0	4.15
	7	0.2	-0.0	0.0	0.2	-0.0	7.97
	8	0.2	-0.0	0.0	0.2	-0.0	5.19
	8	0.2	-0.0	-0.0	0.2	-0.0	-0.13
	8	0.2	-0.0	-0.0	0.2	-0.0	-0.74
	8	0.2	-0.0	0.0	0.2	-0.0	3.49
	9	0.2	-0.1	0.0	0.2	-0.1	2.26
	9	0.2	-0.0	-0.0	0.2	-0.0	-4.32

	9	0.2	-0.0	-0.0	0.2	-0.0	-4.71
	9	0.2	-0.0	0.0	0.2	-0.0	0.50
	10	0.2	-0.0	0.0	0.2	-0.0	1.19
	10	0.2	-0.0	-0.0	0.2	-0.0	-4.97
	10	0.2	-0.0	-0.0	0.2	-0.0	-5.43
	10	0.2	-0.0	-0.0	0.2	-0.0	-0.59
	11	0.2	-0.0	0.0	0.2	-0.0	8.30
	11	0.2	-0.0	0.0	0.2	-0.0	2.64
	11	0.2	-0.0	0.0	0.2	-0.0	2.00
	11	0.2	-0.0	0.0	0.2	-0.0	6.64
	12	0.2	-0.0	0.0	0.2	-0.0	8.30
	12	0.2	-0.0	0.0	0.2	-0.0	2.64
	12	0.2	-0.0	0.0	0.2	-0.0	2.00
	12	0.2	-0.0	0.0	0.2	-0.0	6.65
	13	0.2	-0.0	0.0	0.2	-0.0	8.30
	13	0.2	-0.0	0.0	0.2	-0.0	2.64
	13	0.2	-0.0	0.0	0.2	-0.0	2.00
	13	0.2	-0.0	0.0	0.2	-0.0	6.64
	14	0.2	-0.0	0.0	0.2	-0.0	8.30
	14	0.2	-0.0	0.0	0.2	-0.0	2.64
	14	0.2	-0.0	0.0	0.2	-0.0	2.00
	14	0.2	-0.0	0.0	0.2	-0.0	6.66
	15	0.2	-0.0	0.0	0.2	-0.0	8.30
	15	0.2	-0.0	0.0	0.2	-0.0	2.64
	15	0.2	-0.0	0.0	0.2	-0.0	2.00
	15	0.2	-0.0	0.0	0.2	-0.0	6.64
	16	0.2	-0.0	0.0	0.2	-0.0	8.31
	16	0.2	-0.0	0.0	0.2	-0.0	2.64
	16	0.2	-0.0	0.0	0.2	-0.0	2.00
	16	0.2	-0.0	0.0	0.2	-0.0	6.66
371 415	1	0.3	0.0	0.0	0.3	0.0	0.02
	1	0.3	0.0	-0.0	0.3	0.0	-0.69
	1	0.3	-0.0	-0.0	0.3	-0.0	-6.53
	1	0.2	-0.0	-0.0	0.2	-0.0	-11.65
	2	0.4	0.0	-0.0	0.4	0.0	-0.02
	2	0.4	0.0	-0.0	0.4	0.0	-0.70
	2	0.3	-0.0	-0.0	0.3	-0.0	-6.57
	2	0.2	-0.0	-0.1	0.3	-0.0	-11.68
	3	0.2	-0.0	0.0	0.2	-0.0	0.81
	3	0.2	0.0	-0.0	0.2	0.0	-0.86
	3	0.2	0.0	-0.0	0.2	-0.0	-7.33
	3	0.1	-0.0	-0.0	0.1	-0.0	-11.58
	4	0.2	0.0	0.0	0.2	0.0	1.80
	4	0.2	0.0	0.0	0.2	0.0	0.48
	4	0.2	-0.0	-0.0	0.2	-0.0	-3.18
	4	0.1	-0.0	-0.0	0.1	-0.0	-7.74
	5	0.2	-0.0	-0.0	0.2	-0.0	-1.81
	5	0.2	0.0	-0.0	0.2	0.0	-2.93
	5	0.2	-0.0	-0.0	0.2	-0.0	-12.53
	5	0.1	-0.0	-0.0	0.1	-0.0	-16.97
	6	0.2	-0.0	-0.0	0.2	-0.0	-2.41
	6	0.2	0.0	-0.0	0.2	0.0	-2.95
	6	0.2	-0.0	-0.0	0.2	-0.0	-12.53
	6	0.1	-0.0	-0.1	0.2	-0.0	-17.26
	7	0.3	-0.0	-0.0	0.3	-0.0	-1.54
	7	0.3	0.0	-0.0	0.3	-0.0	-1.61
	7	0.2	-0.0	-0.0	0.2	-0.0	-9.01
	7	0.2	-0.0	-0.1	0.2	-0.0	-14.36
	8	0.3	0.0	-0.0	0.3	0.0	-0.58
	8	0.3	-0.0	-0.0	0.3	-0.0	-0.63
	8	0.2	-0.0	-0.0	0.2	-0.0	-6.11
	8	0.2	-0.0	-0.0	0.2	-0.0	-11.78
	9	0.3	0.0	0.0	0.3	0.0	1.68
	9	0.3	-0.0	0.0	0.3	-0.0	1.12
	9	0.2	-0.0	-0.0	0.2	-0.0	-0.60
	9	0.2	-0.0	-0.0	0.2	-0.0	-6.07
	10	0.3	0.0	0.0	0.3	0.0	0.99
	10	0.3	-0.0	0.0	0.3	-0.0	0.72
	10	0.2	-0.0	-0.0	0.2	-0.0	-1.79
	10	0.2	-0.0	-0.0	0.2	-0.0	-7.56
	11	0.2	0.0	0.0	0.2	0.0	0.00
	11	0.3	0.0	-0.0	0.3	0.0	-0.69
	11	0.2	-0.0	-0.0	0.2	-0.0	-6.55

	11	0.2	-0.0	-0.0	0.2	-0.0	-11.66
	12	0.2	0.0	-0.0	0.2	0.0	-0.02
	12	0.3	0.0	-0.0	0.3	0.0	-0.70
	12	0.2	-0.0	-0.0	0.2	-0.0	-6.57
	12	0.2	-0.0	-0.0	0.2	-0.0	-11.68
	13	0.2	0.0	0.0	0.2	0.0	0.00
	13	0.3	0.0	-0.0	0.3	0.0	-0.69
	13	0.2	-0.0	-0.0	0.2	-0.0	-6.55
	13	0.2	-0.0	-0.0	0.2	-0.0	-11.66
	14	0.2	0.0	-0.0	0.2	0.0	-0.03
	14	0.3	0.0	-0.0	0.3	0.0	-0.71
	14	0.2	-0.0	-0.0	0.2	-0.0	-6.58
	14	0.2	-0.0	-0.0	0.2	-0.0	-11.69
	15	0.2	0.0	0.0	0.2	0.0	0.00
	15	0.3	0.0	-0.0	0.3	0.0	-0.69
	15	0.2	-0.0	-0.0	0.2	-0.0	-6.55
	15	0.2	-0.0	-0.0	0.2	-0.0	-11.66
	16	0.2	0.0	-0.0	0.2	0.0	-0.04
	16	0.3	0.0	-0.0	0.3	0.0	-0.72
	16	0.2	-0.0	-0.0	0.2	-0.0	-6.59
	16	0.2	-0.0	-0.0	0.2	-0.0	-11.70
354 400	1	0.1	-0.2	-0.0	0.1	-0.2	-6.71
	1	0.1	-0.2	-0.0	0.1	-0.2	-4.71
	1	0.1	-0.2	-0.0	0.1	-0.2	-4.39
	1	0.1	-0.2	-0.0	0.1	-0.2	-7.37
	2	0.1	-0.2	-0.0	0.1	-0.2	-6.71
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.71
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.39
	2	0.1	-0.2	-0.0	0.1	-0.2	-7.36
	3	0.1	-0.2	-0.0	0.1	-0.2	-9.58
	3	0.1	-0.2	-0.0	0.1	-0.2	-3.13
	3	0.1	-0.2	-0.0	0.1	-0.2	-3.71
	3	0.1	-0.2	-0.0	0.1	-0.2	-10.80
	4	0.1	-0.1	-0.1	0.2	-0.1	-18.51
	4	0.1	-0.1	-0.1	0.2	-0.1	-14.03
	4	0.1	-0.1	-0.1	0.2	-0.1	-12.44
	4	0.2	-0.1	-0.1	0.2	-0.1	-17.31
	5	-0.1	-0.3	0.0	-0.1	-0.3	6.49
	5	-0.0	-0.2	0.1	0.0	-0.3	13.05
	5	-0.0	-0.2	0.0	0.0	-0.3	9.96
	5	-0.0	-0.3	0.0	-0.0	-0.3	1.70
	6	-0.1	-0.3	0.0	-0.1	-0.3	10.20
	6	-0.0	-0.2	0.1	-0.0	-0.3	15.32
	6	-0.0	-0.3	0.1	-0.0	-0.3	12.26
	6	-0.1	-0.3	0.0	-0.1	-0.3	5.47
	7	0.0	-0.2	0.0	0.0	-0.2	5.57
	7	0.0	-0.2	0.0	0.0	-0.2	6.03
	7	0.0	-0.2	0.0	0.0	-0.2	4.75
	7	0.0	-0.2	0.0	0.0	-0.2	3.05
	8	0.1	-0.1	-0.0	0.1	-0.1	-3.77
	8	0.1	-0.1	-0.0	0.1	-0.1	-6.37
	8	0.1	-0.1	-0.0	0.1	-0.1	-5.11
	8	0.1	-0.1	-0.0	0.1	-0.1	-3.67
	9	0.2	0.0	-0.1	0.3	-0.0	-23.11
	9	0.2	-0.0	-0.1	0.2	-0.1	-21.62
	9	0.2	-0.0	-0.1	0.2	-0.1	-18.71
	9	0.2	0.0	-0.1	0.3	0.0	-20.39
	10	0.2	0.0	-0.1	0.2	-0.0	-19.74
	10	0.2	-0.0	-0.1	0.2	-0.1	-20.25
	10	0.2	-0.0	-0.1	0.2	-0.1	-17.21
	10	0.2	0.0	-0.1	0.3	0.0	-16.88
	11	0.1	-0.1	-0.0	0.1	-0.1	-6.71
	11	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	11	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	11	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	12	0.1	-0.1	-0.0	0.1	-0.1	-6.71
	12	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	12	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	12	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	13	0.1	-0.1	-0.0	0.1	-0.1	-6.71
	13	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	13	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	13	0.1	-0.1	-0.0	0.1	-0.1	-7.36

	14	0.1	-0.1	-0.0	0.1	-0.1	-6.72
	14	0.1	-0.1	-0.0	0.1	-0.1	-4.72
	14	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	14	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	15	0.1	-0.1	-0.0	0.1	-0.1	-6.71
	15	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	15	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	15	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	16	0.1	-0.1	-0.0	0.1	-0.1	-6.72
	16	0.1	-0.1	-0.0	0.1	-0.1	-4.72
	16	0.1	-0.1	-0.0	0.1	-0.1	-4.40
	16	0.1	-0.1	-0.0	0.1	-0.1	-7.36
317 371	1	0.2	-0.2	-0.0	0.2	-0.2	-6.06
	1	0.1	-0.2	-0.0	0.1	-0.2	-3.52
	1	0.2	-0.2	-0.0	0.2	-0.2	-1.25
	1	0.2	-0.2	-0.0	0.2	-0.2	-1.76
	2	0.2	-0.2	-0.0	0.2	-0.2	-6.06
	2	0.2	-0.2	-0.0	0.2	-0.2	-3.53
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.25
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.76
	3	0.1	-0.2	-0.0	0.1	-0.2	-10.01
	3	0.1	-0.2	-0.0	0.1	-0.2	-4.33
	3	0.1	-0.2	-0.0	0.1	-0.2	-3.94
	3	0.1	-0.2	-0.0	0.1	-0.2	-6.82
	4	0.2	-0.1	-0.1	0.2	-0.1	-14.46
	4	0.2	-0.1	-0.0	0.2	-0.1	-9.95
	4	0.2	-0.1	-0.0	0.2	-0.1	-5.61
	4	0.2	-0.1	-0.0	0.2	-0.1	-8.50
	5	-0.0	-0.3	-0.0	-0.0	-0.3	-1.18
	5	0.0	-0.3	0.0	0.0	-0.3	5.24
	5	0.0	-0.3	0.0	0.0	-0.3	0.48
	5	-0.0	-0.3	-0.0	-0.0	-0.3	-1.74
	6	-0.0	-0.3	0.0	-0.0	-0.3	2.27
	6	-0.0	-0.3	0.0	-0.0	-0.3	7.55
	6	0.0	-0.3	0.0	0.0	-0.3	2.61
	6	-0.0	-0.3	0.0	-0.0	-0.3	1.27
	7	0.1	-0.2	0.0	0.1	-0.2	2.41
	7	0.1	-0.2	0.0	0.1	-0.2	3.48
	7	0.1	-0.2	0.0	0.1	-0.2	3.18
	7	0.1	-0.2	0.0	0.1	-0.2	4.35
	8	0.1	-0.1	-0.0	0.1	-0.1	-1.57
	8	0.1	-0.1	-0.0	0.1	-0.1	-2.68
	8	0.1	-0.1	0.0	0.1	-0.1	1.51
	8	0.2	-0.1	0.0	0.2	-0.1	3.94
	9	0.3	0.1	-0.1	0.3	0.0	-15.94
	9	0.2	-0.0	-0.1	0.2	-0.0	-13.75
	9	0.2	-0.0	-0.0	0.2	-0.0	-5.15
	9	0.3	0.1	-0.0	0.3	0.1	-6.16
	10	0.3	0.0	-0.0	0.3	0.0	-12.14
	10	0.2	-0.0	-0.1	0.2	-0.1	-11.93
	10	0.2	-0.0	-0.0	0.2	-0.0	-3.03
	10	0.3	0.1	-0.0	0.3	0.1	-1.80
	11	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	11	0.1	-0.1	-0.0	0.1	-0.1	-3.52
	11	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	11	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	12	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	12	0.1	-0.1	-0.0	0.1	-0.1	-3.53
	12	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	13	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	13	0.1	-0.1	-0.0	0.1	-0.1	-3.52
	13	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	13	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	14	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	14	0.1	-0.1	-0.0	0.1	-0.1	-3.53
	14	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	15	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	15	0.1	-0.1	-0.0	0.1	-0.1	-3.52
	15	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	15	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	16	0.1	-0.1	-0.0	0.1	-0.1	-6.06

	16	0.1	-0.1	-0.0	0.1	-0.1	-3.53
	16	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.76
373 417	1	0.2	-0.2	-0.0	0.2	-0.2	-4.91
	1	0.2	-0.2	-0.0	0.2	-0.2	-3.34
	1	0.2	-0.2	-0.0	0.2	-0.2	-1.27
	1	0.2	-0.2	-0.0	0.2	-0.2	-2.94
	2	0.2	-0.2	-0.0	0.2	-0.2	-4.93
	2	0.2	-0.2	-0.0	0.2	-0.2	-3.36
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.28
	2	0.2	-0.3	-0.0	0.2	-0.3	-2.95
	3	0.2	-0.1	0.0	0.2	-0.1	1.53
	3	0.2	-0.1	0.0	0.2	-0.1	3.75
	3	0.2	-0.1	0.0	0.2	-0.1	5.87
	3	0.2	-0.1	0.0	0.2	-0.1	3.39
	4	0.2	-0.1	-0.0	0.2	-0.1	-10.54
	4	0.2	-0.1	-0.0	0.2	-0.1	-9.99
	4	0.1	-0.1	-0.0	0.1	-0.1	-11.54
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.13
	5	0.3	-0.2	0.1	0.3	-0.2	8.15
	5	0.2	-0.2	0.1	0.2	-0.2	12.34
	5	0.2	-0.2	0.1	0.2	-0.2	16.65
	5	0.2	-0.2	0.1	0.2	-0.3	10.69
	6	0.2	-0.2	0.1	0.3	-0.2	7.24
	6	0.2	-0.2	0.1	0.2	-0.2	11.69
	6	0.2	-0.2	0.1	0.2	-0.3	16.47
	6	0.2	-0.3	0.1	0.2	-0.3	9.96
	7	0.2	-0.2	-0.0	0.2	-0.2	-1.30
	7	0.1	-0.2	0.0	0.1	-0.2	1.58
	7	0.1	-0.2	0.0	0.1	-0.2	6.21
	7	0.1	-0.3	0.0	0.1	-0.3	1.50
	8	0.1	-0.2	-0.1	0.1	-0.2	-11.44
	8	0.1	-0.2	-0.1	0.1	-0.2	-10.86
	8	0.1	-0.2	-0.0	0.1	-0.2	-9.04
	8	0.1	-0.2	-0.1	0.1	-0.2	-9.37
	9	0.1	-0.1	-0.1	0.1	-0.1	-28.02
	9	0.1	-0.1	-0.1	0.2	-0.1	-27.21
	9	0.1	-0.1	-0.1	0.2	-0.2	-29.58
	9	0.1	-0.1	-0.1	0.1	-0.1	-28.55
	10	0.1	-0.1	-0.1	0.1	-0.2	-27.08
	10	0.1	-0.1	-0.1	0.1	-0.2	-26.81
	10	0.1	-0.1	-0.1	0.1	-0.2	-28.63
	10	0.1	-0.1	-0.1	0.1	-0.2	-27.08
	11	0.2	-0.2	-0.0	0.2	-0.2	-4.92
	11	0.1	-0.1	-0.0	0.1	-0.1	-3.35
	11	0.1	-0.1	-0.0	0.1	-0.1	-1.28
	11	0.1	-0.2	-0.0	0.1	-0.2	-2.95
	12	0.2	-0.2	-0.0	0.2	-0.2	-4.93
	12	0.1	-0.1	-0.0	0.1	-0.1	-3.36
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.28
	12	0.1	-0.2	-0.0	0.1	-0.2	-2.95
	13	0.2	-0.2	-0.0	0.2	-0.2	-4.92
	13	0.1	-0.1	-0.0	0.1	-0.1	-3.35
	13	0.1	-0.1	-0.0	0.1	-0.1	-1.28
	13	0.1	-0.2	-0.0	0.1	-0.2	-2.95
	14	0.2	-0.2	-0.0	0.2	-0.2	-4.94
	14	0.1	-0.1	-0.0	0.1	-0.1	-3.36
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.29
	14	0.1	-0.2	-0.0	0.1	-0.2	-2.96
	15	0.2	-0.2	-0.0	0.2	-0.2	-4.92
	15	0.1	-0.1	-0.0	0.1	-0.1	-3.35
	15	0.1	-0.1	-0.0	0.1	-0.1	-1.28
	15	0.1	-0.2	-0.0	0.1	-0.2	-2.95
	16	0.2	-0.2	-0.0	0.2	-0.2	-4.94
	16	0.1	-0.1	-0.0	0.1	-0.1	-3.37
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.29
	16	0.1	-0.2	-0.0	0.1	-0.2	-2.96
419 456	1	0.2	-0.1	-0.1	0.2	-0.1	-17.45
	1	0.2	-0.0	-0.1	0.2	-0.0	-11.84
	1	0.2	-0.1	-0.1	0.2	-0.1	-13.22
	1	0.2	-0.1	-0.1	0.2	-0.1	-16.52
	2	0.2	-0.1	-0.1	0.3	-0.1	-17.45

	2	0.3	-0.0	-0.1	0.3	-0.0	-11.85
	2	0.3	-0.1	-0.1	0.3	-0.1	-13.23
	2	0.2	-0.1	-0.1	0.3	-0.1	-16.54
	3	0.1	-0.0	-0.1	0.2	-0.0	-16.76
	3	0.2	-0.0	-0.0	0.2	-0.0	-12.23
	3	0.2	-0.0	-0.0	0.2	-0.0	-13.31
	3	0.2	-0.0	-0.1	0.2	-0.1	-15.66
	4	0.1	-0.0	-0.0	0.1	-0.0	-15.26
	4	0.1	-0.0	-0.0	0.2	-0.0	-8.76
	4	0.1	-0.0	-0.0	0.2	-0.0	-10.19
	4	0.1	-0.1	-0.0	0.2	-0.1	-13.48
	5	0.2	-0.0	-0.1	0.2	-0.1	-19.03
	5	0.2	-0.0	-0.1	0.2	-0.0	-15.93
	5	0.2	-0.0	-0.1	0.2	-0.1	-16.82
	5	0.2	-0.0	-0.1	0.2	-0.1	-18.91
	6	0.2	-0.0	-0.1	0.2	-0.1	-19.50
	6	0.2	-0.0	-0.1	0.2	-0.0	-16.12
	6	0.2	-0.0	-0.1	0.2	-0.1	-17.17
	6	0.2	-0.0	-0.1	0.2	-0.1	-19.56
	7	0.2	-0.0	-0.1	0.2	-0.1	-18.92
	7	0.2	-0.0	-0.1	0.2	-0.0	-13.91
	7	0.2	-0.1	-0.1	0.2	-0.1	-15.34
	7	0.2	-0.1	-0.1	0.2	-0.1	-18.65
	8	0.2	-0.1	-0.1	0.2	-0.1	-17.95
	8	0.2	-0.0	-0.0	0.2	-0.0	-11.58
	8	0.2	-0.1	-0.1	0.2	-0.1	-13.18
	8	0.2	-0.1	-0.1	0.2	-0.1	-17.23
	9	0.1	-0.1	-0.1	0.1	-0.1	-14.81
	9	0.2	-0.0	-0.0	0.2	-0.0	-5.99
	9	0.1	-0.1	-0.0	0.1	-0.1	-7.73
	9	0.1	-0.1	-0.1	0.1	-0.1	-12.74
	10	0.1	-0.1	-0.1	0.2	-0.1	-15.81
	10	0.2	-0.0	-0.0	0.2	-0.0	-7.28
	10	0.1	-0.1	-0.0	0.2	-0.1	-9.02
	10	0.1	-0.1	-0.1	0.2	-0.1	-14.12
	11	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	11	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	11	0.2	-0.0	-0.1	0.2	-0.1	-13.22
	11	0.2	-0.1	-0.1	0.2	-0.1	-16.53
	12	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	12	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	12	0.2	-0.0	-0.1	0.2	-0.1	-13.23
	12	0.2	-0.1	-0.1	0.2	-0.1	-16.54
	13	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	13	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	13	0.2	-0.0	-0.1	0.2	-0.1	-13.22
	13	0.2	-0.1	-0.1	0.2	-0.1	-16.53
	14	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	14	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	14	0.2	-0.0	-0.1	0.2	-0.1	-13.23
	14	0.2	-0.1	-0.1	0.2	-0.1	-16.55
	15	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	15	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	15	0.2	-0.0	-0.1	0.2	-0.1	-13.22
	15	0.2	-0.1	-0.1	0.2	-0.1	-16.53
	16	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	16	0.2	-0.0	-0.0	0.2	-0.0	-11.86
	16	0.2	-0.0	-0.1	0.2	-0.1	-13.24
	16	0.2	-0.1	-0.1	0.2	-0.1	-16.56
458 529	1	0.3	-0.0	0.0	0.3	-0.0	3.40
	1	0.3	-0.0	0.0	0.3	-0.0	1.03
	1	0.3	-0.0	0.0	0.3	-0.0	0.16
	1	0.3	-0.0	0.0	0.3	-0.0	0.47
	2	0.3	-0.0	0.0	0.3	-0.0	3.42
	2	0.3	-0.0	0.0	0.3	-0.0	1.03
	2	0.4	-0.0	0.0	0.4	-0.0	0.17
	2	0.4	-0.0	0.0	0.4	-0.0	0.48
	3	0.2	-0.0	0.0	0.2	-0.0	5.47
	3	0.2	-0.0	0.0	0.2	-0.0	2.63
	3	0.3	-0.0	0.0	0.3	-0.0	0.62
	3	0.3	-0.0	0.0	0.3	-0.0	1.12
	4	0.2	-0.0	0.0	0.2	-0.0	2.59
	4	0.3	-0.0	-0.0	0.3	-0.0	-0.24

	4	0.3	-0.0	-0.0	0.3	-0.0	-0.21
	4	0.3	-0.0	0.0	0.3	-0.0	0.28
	5	0.2	-0.0	0.0	0.2	-0.0	9.09
	5	0.2	-0.0	0.0	0.2	-0.0	6.40
	5	0.3	-0.0	0.0	0.3	-0.0	1.81
	5	0.3	-0.0	0.0	0.3	-0.0	2.29
	6	0.2	-0.0	0.0	0.2	-0.0	9.30
	6	0.2	-0.0	0.0	0.2	-0.0	6.86
	6	0.2	-0.0	0.0	0.2	-0.0	2.01
	6	0.2	-0.0	0.0	0.2	-0.0	2.37
	7	0.2	-0.0	0.0	0.2	-0.0	4.68
	7	0.2	-0.0	0.0	0.2	-0.0	2.85
	7	0.2	-0.0	0.0	0.2	-0.0	0.76
	7	0.2	0.0	0.0	0.2	0.0	0.82
	8	0.2	-0.0	0.0	0.2	-0.0	0.63
	8	0.2	-0.0	-0.0	0.2	-0.0	-1.18
	8	0.2	-0.0	-0.0	0.2	-0.0	-0.52
	8	0.2	0.0	-0.0	0.2	0.0	-0.42
	9	0.2	-0.0	-0.0	0.2	-0.0	-1.49
	9	0.2	-0.0	-0.0	0.2	-0.0	-4.12
	9	0.3	-0.0	-0.0	0.3	-0.0	-1.37
	9	0.3	0.0	-0.0	0.3	0.0	-0.90
	10	0.2	-0.0	-0.0	0.2	-0.0	-2.40
	10	0.2	-0.0	-0.0	0.2	-0.0	-4.75
	10	0.3	-0.0	-0.0	0.3	-0.0	-1.59
	10	0.3	0.0	-0.0	0.3	0.0	-1.20
	11	0.2	-0.0	0.0	0.2	-0.0	3.41
	11	0.2	-0.0	0.0	0.2	-0.0	1.03
	11	0.3	-0.0	0.0	0.3	-0.0	0.17
	11	0.3	-0.0	0.0	0.3	-0.0	0.48
	12	0.2	-0.0	0.0	0.2	-0.0	3.42
	12	0.2	-0.0	0.0	0.2	-0.0	1.03
	12	0.3	-0.0	0.0	0.3	-0.0	0.17
	12	0.3	-0.0	0.0	0.3	-0.0	0.48
	13	0.2	-0.0	0.0	0.2	-0.0	3.41
	13	0.2	-0.0	0.0	0.2	-0.0	1.03
	13	0.3	-0.0	0.0	0.3	-0.0	0.17
	13	0.3	-0.0	0.0	0.3	-0.0	0.48
	14	0.2	-0.0	0.0	0.2	-0.0	3.43
	14	0.2	-0.0	0.0	0.2	-0.0	1.04
	14	0.3	-0.0	0.0	0.3	-0.0	0.17
	14	0.3	-0.0	0.0	0.3	-0.0	0.48
	15	0.2	-0.0	0.0	0.2	-0.0	3.41
	15	0.2	-0.0	0.0	0.2	-0.0	1.03
	15	0.3	-0.0	0.0	0.3	-0.0	0.17
	15	0.3	-0.0	0.0	0.3	-0.0	0.48
	16	0.2	-0.0	0.0	0.2	-0.0	3.44
	16	0.2	-0.0	0.0	0.2	-0.0	1.04
	16	0.3	-0.0	0.0	0.3	-0.0	0.17
	16	0.3	-0.0	0.0	0.3	-0.0	0.49
456 527	1	0.2	-0.1	0.0	0.2	-0.1	1.65
	1	0.2	-0.1	0.0	0.2	-0.1	4.94
	1	0.2	-0.2	0.0	0.2	-0.2	3.27
	1	0.2	-0.2	0.0	0.2	-0.2	1.08
	2	0.2	-0.2	0.0	0.2	-0.2	1.65
	2	0.2	-0.2	0.0	0.3	-0.2	4.95
	2	0.2	-0.2	0.0	0.2	-0.2	3.29
	2	0.2	-0.2	0.0	0.2	-0.2	1.09
	3	0.2	-0.1	0.0	0.2	-0.1	5.48
	3	0.2	-0.1	0.0	0.2	-0.1	8.08
	3	0.2	-0.1	0.0	0.2	-0.1	8.51
	3	0.2	-0.1	0.0	0.2	-0.1	6.82
	4	0.2	-0.1	-0.0	0.2	-0.1	-2.73
	4	0.2	-0.1	0.0	0.2	-0.1	0.24
	4	0.2	-0.1	-0.0	0.2	-0.1	-2.83
	4	0.2	-0.1	-0.0	0.2	-0.1	-4.96
	5	0.2	-0.1	0.1	0.2	-0.1	14.71
	5	0.1	-0.1	0.1	0.2	-0.1	18.63
	5	0.1	-0.1	0.1	0.2	-0.1	22.52
	5	0.1	-0.1	0.1	0.2	-0.1	19.03
	6	0.1	-0.1	0.1	0.2	-0.1	14.70
	6	0.1	-0.1	0.1	0.1	-0.1	18.80
	6	0.1	-0.1	0.1	0.1	-0.1	22.51

	6	0.1	-0.1	0.1	0.2	-0.2	19.00
	7	0.1	-0.1	0.0	0.1	-0.1	5.93
	7	0.1	-0.1	0.0	0.1	-0.1	9.69
	7	0.1	-0.1	0.0	0.1	-0.2	9.66
	7	0.1	-0.1	0.0	0.1	-0.1	7.14
	8	0.1	-0.1	-0.0	0.1	-0.1	-1.90
	8	0.2	-0.1	0.0	0.2	-0.1	2.33
	8	0.1	-0.2	-0.0	0.1	-0.2	-1.07
	8	0.1	-0.1	-0.0	0.1	-0.1	-4.29
	9	0.2	-0.1	-0.1	0.2	-0.1	-10.62
	9	0.2	-0.1	-0.0	0.2	-0.1	-5.94
	9	0.2	-0.1	-0.1	0.2	-0.2	-11.31
	9	0.2	-0.1	-0.1	0.2	-0.1	-15.53
	10	0.2	-0.1	-0.1	0.2	-0.1	-10.31
	10	0.2	-0.1	-0.0	0.2	-0.1	-5.29
	10	0.2	-0.2	-0.1	0.2	-0.2	-10.79
	10	0.2	-0.1	-0.1	0.2	-0.2	-15.31
	11	0.2	-0.1	0.0	0.2	-0.1	1.65
	11	0.2	-0.1	0.0	0.2	-0.1	4.94
	11	0.2	-0.1	0.0	0.2	-0.1	3.28
	11	0.2	-0.1	0.0	0.2	-0.1	1.08
	12	0.2	-0.1	0.0	0.2	-0.1	1.65
	12	0.2	-0.1	0.0	0.2	-0.1	4.95
	12	0.2	-0.1	0.0	0.2	-0.1	3.29
	12	0.1	-0.1	0.0	0.1	-0.1	1.09
	13	0.2	-0.1	0.0	0.2	-0.1	1.65
	13	0.2	-0.1	0.0	0.2	-0.1	4.94
	13	0.2	-0.1	0.0	0.2	-0.1	3.28
	13	0.2	-0.1	0.0	0.2	-0.1	1.08
	14	0.2	-0.1	0.0	0.2	-0.1	1.65
	14	0.2	-0.1	0.0	0.2	-0.1	4.95
	14	0.2	-0.1	0.0	0.2	-0.1	3.29
	14	0.1	-0.1	0.0	0.1	-0.1	1.09
	15	0.2	-0.1	0.0	0.2	-0.1	1.65
	15	0.2	-0.1	0.0	0.2	-0.1	4.94
	15	0.2	-0.1	0.0	0.2	-0.1	3.28
	15	0.2	-0.1	0.0	0.2	-0.1	1.08
	16	0.2	-0.1	0.0	0.2	-0.1	1.65
	16	0.2	-0.1	0.0	0.2	-0.1	4.96
	16	0.2	-0.1	0.0	0.2	-0.1	3.29
	16	0.1	-0.1	0.0	0.1	-0.1	1.09
265 539	1	0.1	-0.2	0.0	0.1	-0.2	0.25
	1	0.1	-0.2	0.0	0.1	-0.2	0.76
	1	0.1	-0.2	0.0	0.1	-0.2	2.60
	1	0.1	-0.2	0.0	0.1	-0.2	0.76
	2	0.1	-0.2	0.0	0.1	-0.2	0.26
	2	0.1	-0.2	0.0	0.1	-0.2	0.78
	2	0.1	-0.2	0.0	0.1	-0.2	2.61
	2	0.1	-0.2	0.0	0.1	-0.2	0.76
	3	0.1	-0.1	0.0	0.1	-0.1	11.94
	3	0.1	-0.1	0.1	0.1	-0.1	14.27
	3	0.1	-0.1	0.1	0.1	-0.1	12.80
	3	0.1	-0.1	0.0	0.1	-0.1	9.63
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.14
	4	0.1	-0.1	-0.0	0.1	-0.1	-8.11
	4	0.1	-0.1	-0.0	0.1	-0.1	-3.53
	4	0.1	-0.1	-0.0	0.1	-0.1	-6.98
	5	0.1	-0.1	0.1	0.2	-0.2	27.81
	5	0.1	-0.1	0.1	0.2	-0.2	29.51
	5	0.1	-0.1	0.1	0.2	-0.1	24.86
	5	0.1	-0.1	0.1	0.2	-0.2	23.48
	6	0.1	-0.1	0.1	0.2	-0.2	28.10
	6	0.1	-0.1	0.1	0.2	-0.2	29.25
	6	0.1	-0.1	0.1	0.2	-0.1	24.53
	6	0.1	-0.1	0.1	0.1	-0.2	23.76
	7	0.0	-0.1	0.0	0.1	-0.2	11.82
	7	0.0	-0.1	0.0	0.1	-0.1	10.60
	7	0.1	-0.1	0.0	0.1	-0.1	9.11
	7	0.1	-0.1	0.0	0.1	-0.1	9.27
	8	0.0	-0.2	-0.0	0.0	-0.2	-12.46
	8	0.0	-0.2	-0.0	0.0	-0.2	-12.64
	8	0.0	-0.2	-0.0	0.0	-0.2	-8.87
	8	0.0	-0.2	-0.0	0.1	-0.2	-9.27

	9	0.1	-0.1	-0.1	0.1	-0.2	-26.70
	9	0.0	-0.2	-0.1	0.1	-0.2	-24.98
	9	0.0	-0.2	-0.1	0.1	-0.2	-20.71
	9	0.1	-0.1	-0.1	0.1	-0.2	-22.52
	10	0.1	-0.2	-0.1	0.1	-0.2	-27.27
	10	0.0	-0.2	-0.1	0.1	-0.3	-25.67
	10	0.0	-0.2	-0.1	0.1	-0.2	-21.85
	10	0.1	-0.2	-0.1	0.1	-0.2	-23.23
	11	0.1	-0.1	0.0	0.1	-0.1	0.25
	11	0.1	-0.1	0.0	0.1	-0.1	0.77
	11	0.1	-0.1	0.0	0.1	-0.1	2.61
	11	0.1	-0.1	0.0	0.1	-0.1	0.76
	12	0.1	-0.1	0.0	0.1	-0.1	0.26
	12	0.1	-0.1	0.0	0.1	-0.1	0.78
	12	0.1	-0.1	0.0	0.1	-0.1	2.61
	12	0.1	-0.1	0.0	0.1	-0.1	0.76
	13	0.1	-0.1	0.0	0.1	-0.1	0.25
	13	0.1	-0.1	0.0	0.1	-0.1	0.77
	13	0.1	-0.1	0.0	0.1	-0.1	2.61
	13	0.1	-0.1	0.0	0.1	-0.1	0.76
	14	0.1	-0.1	0.0	0.1	-0.1	0.26
	14	0.1	-0.1	0.0	0.1	-0.1	0.78
	14	0.1	-0.1	0.0	0.1	-0.1	2.61
	14	0.1	-0.1	0.0	0.1	-0.1	0.76
	15	0.1	-0.1	0.0	0.1	-0.1	0.25
	15	0.1	-0.1	0.0	0.1	-0.1	0.77
	15	0.1	-0.1	0.0	0.1	-0.1	2.61
	15	0.1	-0.1	0.0	0.1	-0.1	0.76
	16	0.1	-0.1	0.0	0.1	-0.1	0.26
	16	0.1	-0.1	0.0	0.1	-0.1	0.79
	16	0.1	-0.1	0.0	0.1	-0.1	2.62
	16	0.1	-0.1	0.0	0.1	-0.1	0.76
313 367	1	0.1	-0.2	0.0	0.1	-0.2	0.84
	1	0.1	-0.2	0.0	0.1	-0.2	2.98
	1	0.1	-0.2	0.0	0.1	-0.2	2.86
	1	0.1	-0.2	0.0	0.1	-0.2	0.77
	2	0.1	-0.2	0.0	0.1	-0.2	0.84
	2	0.1	-0.2	0.0	0.1	-0.2	2.99
	2	0.1	-0.2	0.0	0.1	-0.2	2.86
	2	0.1	-0.2	0.0	0.1	-0.2	0.77
	3	0.1	-0.1	0.0	0.1	-0.1	7.62
	3	0.1	-0.1	0.0	0.1	-0.1	10.92
	3	0.1	-0.1	0.0	0.1	-0.1	9.69
	3	0.1	-0.1	0.0	0.1	-0.1	6.54
	4	0.1	-0.1	-0.0	0.1	-0.1	-4.86
	4	0.1	-0.1	-0.0	0.1	-0.1	-1.01
	4	0.1	-0.2	-0.0	0.1	-0.2	-0.11
	4	0.1	-0.1	-0.0	0.1	-0.1	-3.91
	5	0.1	-0.1	0.1	0.1	-0.2	19.20
	5	0.2	-0.1	0.1	0.2	-0.1	20.70
	5	0.2	-0.1	0.1	0.2	-0.1	18.02
	5	0.1	-0.1	0.1	0.1	-0.1	16.67
	6	0.1	-0.1	0.1	0.1	-0.2	19.37
	6	0.1	-0.1	0.1	0.2	-0.1	20.21
	6	0.2	-0.1	0.1	0.2	-0.1	17.39
	6	0.1	-0.1	0.1	0.1	-0.1	16.73
	7	0.1	-0.1	0.0	0.1	-0.1	7.02
	7	0.1	-0.1	0.0	0.1	-0.1	7.22
	7	0.1	-0.1	0.0	0.1	-0.1	5.97
	7	0.1	-0.1	0.0	0.1	-0.1	5.78
	8	0.1	-0.2	-0.0	0.1	-0.2	-6.82
	8	0.0	-0.2	-0.0	0.0	-0.2	-6.04
	8	0.1	-0.2	-0.0	0.1	-0.2	-4.82
	8	0.1	-0.2	-0.0	0.1	-0.2	-5.63
	9	0.1	-0.2	-0.1	0.1	-0.2	-18.26
	9	0.0	-0.2	-0.1	0.1	-0.2	-15.71
	9	0.0	-0.2	-0.1	0.0	-0.2	-12.95
	9	0.1	-0.2	-0.1	0.1	-0.2	-15.73
	10	0.1	-0.2	-0.1	0.1	-0.2	-18.97
	10	0.0	-0.2	-0.1	0.0	-0.2	-17.04
	10	0.0	-0.2	-0.1	0.0	-0.2	-14.28
	10	0.1	-0.2	-0.1	0.1	-0.2	-16.37
	11	0.1	-0.1	0.0	0.1	-0.1	0.84

	11	0.1	-0.1	0.0	0.1	-0.1	2.99
	11	0.1	-0.1	0.0	0.1	-0.1	2.86
	11	0.1	-0.1	0.0	0.1	-0.1	0.77
	12	0.1	-0.1	0.0	0.1	-0.1	0.84
	12	0.1	-0.1	0.0	0.1	-0.1	2.99
	12	0.1	-0.1	0.0	0.1	-0.1	2.86
	12	0.1	-0.1	0.0	0.1	-0.1	0.77
	13	0.1	-0.1	0.0	0.1	-0.1	0.84
	13	0.1	-0.1	0.0	0.1	-0.1	2.99
	13	0.1	-0.1	0.0	0.1	-0.1	2.86
	13	0.1	-0.1	0.0	0.1	-0.1	0.77
	14	0.1	-0.1	0.0	0.1	-0.1	0.84
	14	0.1	-0.1	0.0	0.1	-0.1	2.99
	14	0.1	-0.1	0.0	0.1	-0.1	2.86
	14	0.1	-0.1	0.0	0.1	-0.1	0.77
	15	0.1	-0.1	0.0	0.1	-0.1	0.84
	15	0.1	-0.1	0.0	0.1	-0.1	2.99
	15	0.1	-0.1	0.0	0.1	-0.1	2.86
	15	0.1	-0.1	0.0	0.1	-0.1	0.77
	16	0.1	-0.1	0.0	0.1	-0.1	0.84
	16	0.1	-0.1	0.0	0.1	-0.1	2.99
	16	0.1	-0.1	0.0	0.1	-0.1	2.86
	16	0.1	-0.1	0.0	0.1	-0.1	0.77
369 549	1	0.1	-0.2	0.0	0.1	-0.2	0.62
	1	0.1	-0.2	0.0	0.1	-0.2	2.23
	1	0.1	-0.2	0.0	0.1	-0.2	0.76
	1	0.1	-0.2	0.0	0.1	-0.2	0.21
	2	0.1	-0.2	0.0	0.1	-0.2	0.62
	2	0.1	-0.2	0.0	0.1	-0.2	2.23
	2	0.2	-0.2	0.0	0.2	-0.2	0.76
	2	0.2	-0.2	0.0	0.2	-0.2	0.21
	3	0.1	-0.1	0.0	0.1	-0.1	4.71
	3	0.1	-0.1	0.0	0.1	-0.1	7.39
	3	0.1	-0.1	0.0	0.1	-0.1	3.66
	3	0.1	-0.1	0.0	0.1	-0.1	1.89
	4	0.1	-0.1	-0.0	0.1	-0.1	-2.34
	4	0.1	-0.2	0.0	0.1	-0.2	0.87
	4	0.1	-0.2	0.0	0.1	-0.2	1.69
	4	0.1	-0.2	-0.0	0.1	-0.2	-0.29
	5	0.1	-0.1	0.1	0.1	-0.1	11.98
	5	0.2	-0.1	0.1	0.2	-0.1	13.10
	5	0.2	-0.1	0.0	0.2	-0.1	4.62
	5	0.1	-0.1	0.0	0.1	-0.1	3.95
	6	0.1	-0.1	0.1	0.1	-0.1	11.87
	6	0.2	-0.1	0.1	0.2	-0.1	12.26
	6	0.2	-0.1	0.0	0.2	-0.1	3.50
	6	0.1	-0.1	0.0	0.1	-0.1	3.62
	7	0.1	-0.1	0.0	0.1	-0.1	3.74
	7	0.1	-0.1	0.0	0.1	-0.1	3.65
	7	0.1	-0.1	-0.0	0.1	-0.1	-0.17
	7	0.1	-0.1	0.0	0.1	-0.1	0.71
	8	0.1	-0.2	-0.0	0.1	-0.2	-3.82
	8	0.1	-0.2	-0.0	0.1	-0.2	-3.41
	8	0.1	-0.2	-0.0	0.1	-0.2	-2.22
	8	0.1	-0.2	-0.0	0.1	-0.2	-1.51
	9	0.1	-0.2	-0.0	0.1	-0.2	-10.94
	9	0.0	-0.2	-0.0	0.0	-0.2	-8.41
	9	0.0	-0.2	-0.0	0.0	-0.2	-2.06
	9	0.1	-0.2	-0.0	0.1	-0.2	-3.32
	10	0.1	-0.2	-0.0	0.1	-0.2	-11.47
	10	0.0	-0.2	-0.0	0.0	-0.2	-9.71
	10	0.0	-0.2	-0.0	0.0	-0.2	-3.24
	10	0.1	-0.2	-0.0	0.1	-0.2	-3.70
	11	0.1	-0.1	0.0	0.1	-0.1	0.62
	11	0.1	-0.1	0.0	0.1	-0.1	2.23
	11	0.1	-0.1	0.0	0.1	-0.1	0.76
	11	0.1	-0.1	0.0	0.1	-0.1	0.21
	12	0.1	-0.1	0.0	0.1	-0.1	0.62
	12	0.1	-0.1	0.0	0.1	-0.1	2.23
	12	0.1	-0.1	0.0	0.1	-0.1	0.76
	12	0.1	-0.1	0.0	0.1	-0.1	0.21
	13	0.1	-0.1	0.0	0.1	-0.1	0.62
	13	0.1	-0.1	0.0	0.1	-0.1	2.23

	13	0.1	-0.1	0.0	0.1	-0.1	0.76
	13	0.1	-0.1	0.0	0.1	-0.1	0.21
	14	0.1	-0.1	0.0	0.1	-0.1	0.62
	14	0.1	-0.1	0.0	0.1	-0.1	2.23
	14	0.1	-0.1	0.0	0.1	-0.1	0.76
	14	0.1	-0.1	0.0	0.1	-0.1	0.21
	15	0.1	-0.1	0.0	0.1	-0.1	0.62
	15	0.1	-0.1	0.0	0.1	-0.1	2.23
	15	0.1	-0.1	0.0	0.1	-0.1	0.76
	15	0.1	-0.1	0.0	0.1	-0.1	0.21
	16	0.1	-0.1	0.0	0.1	-0.1	0.62
	16	0.1	-0.1	0.0	0.1	-0.1	2.23
	16	0.1	-0.1	0.0	0.1	-0.1	0.76
	16	0.1	-0.1	0.0	0.1	-0.1	0.21
415 474	1	0.2	-0.0	-0.0	0.2	-0.0	-6.64
	1	0.3	-0.0	-0.0	0.3	-0.0	-1.99
	1	0.2	-0.1	-0.0	0.2	-0.1	-2.63
	1	0.2	-0.1	-0.0	0.2	-0.1	-8.29
	2	0.3	-0.0	-0.0	0.3	-0.0	-6.65
	2	0.3	-0.0	-0.0	0.3	-0.0	-2.00
	2	0.3	-0.1	-0.0	0.3	-0.1	-2.64
	2	0.3	-0.1	-0.0	0.3	-0.1	-8.30
	3	0.2	-0.0	-0.0	0.2	-0.0	-7.97
	3	0.2	-0.0	-0.0	0.2	-0.0	-4.15
	3	0.2	-0.0	-0.0	0.2	-0.0	-4.69
	3	0.2	-0.0	-0.0	0.2	-0.0	-9.35
	4	0.2	-0.0	-0.0	0.2	-0.0	-3.49
	4	0.2	-0.0	0.0	0.2	-0.0	0.74
	4	0.2	-0.0	0.0	0.2	-0.0	0.13
	4	0.2	-0.0	-0.0	0.2	-0.0	-5.19
	5	0.2	-0.0	-0.0	0.2	-0.0	-12.46
	5	0.2	-0.0	-0.0	0.2	-0.0	-8.92
	5	0.2	-0.0	-0.0	0.2	-0.0	-9.52
	5	0.2	-0.0	-0.1	0.2	-0.0	-13.61
	6	0.2	-0.0	-0.1	0.2	-0.0	-12.39
	6	0.2	-0.0	-0.0	0.2	-0.0	-8.52
	6	0.2	-0.0	-0.0	0.2	-0.0	-9.26
	6	0.2	-0.0	-0.1	0.2	-0.1	-13.70
	7	0.2	-0.0	-0.0	0.2	-0.0	-8.90
	7	0.2	-0.0	-0.0	0.2	-0.0	-4.04
	7	0.2	-0.0	-0.0	0.2	-0.1	-4.80
	7	0.2	-0.1	-0.0	0.2	-0.1	-10.59
	8	0.2	-0.0	-0.0	0.2	-0.0	-5.65
	8	0.2	-0.0	-0.0	0.2	-0.0	-0.35
	8	0.2	-0.1	-0.0	0.2	-0.1	-0.96
	8	0.2	-0.1	-0.0	0.2	-0.1	-7.44
	9	0.2	-0.0	0.0	0.2	-0.0	0.59
	9	0.2	-0.0	0.0	0.2	-0.0	5.43
	9	0.2	-0.0	0.0	0.2	-0.0	4.97
	9	0.2	-0.0	-0.0	0.2	-0.0	-1.19
	10	0.2	-0.0	-0.0	0.2	-0.0	-0.50
	10	0.2	-0.0	0.0	0.2	-0.0	4.71
	10	0.2	-0.0	0.0	0.2	-0.0	4.32
	10	0.2	-0.1	-0.0	0.2	-0.1	-2.26
	11	0.2	-0.0	-0.0	0.2	-0.0	-6.64
	11	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	11	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	11	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	12	0.2	-0.0	-0.0	0.2	-0.0	-6.65
	12	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	12	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	12	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	13	0.2	-0.0	-0.0	0.2	-0.0	-6.64
	13	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	13	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	13	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	14	0.2	-0.0	-0.0	0.2	-0.0	-6.66
	14	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	14	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	14	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	15	0.2	-0.0	-0.0	0.2	-0.0	-6.64
	15	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	15	0.2	-0.0	-0.0	0.2	-0.0	-2.64

	15	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	16	0.2	-0.0	-0.0	0.2	-0.0	-6.66
	16	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	16	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	16	0.2	-0.0	-0.0	0.2	-0.0	-8.31
417 454	1	0.3	-0.0	0.0	0.3	-0.0	1.99
	1	0.2	-0.0	0.0	0.2	-0.0	6.64
	1	0.2	-0.1	0.0	0.2	-0.1	8.29
	1	0.2	-0.1	0.0	0.2	-0.1	2.63
	2	0.3	-0.0	0.0	0.3	-0.0	2.00
	2	0.3	-0.0	0.0	0.3	-0.0	6.65
	2	0.3	-0.1	0.0	0.3	-0.1	8.30
	2	0.3	-0.1	0.0	0.3	-0.1	2.64
	3	0.2	-0.0	-0.0	0.2	-0.0	-0.74
	3	0.2	-0.0	0.0	0.2	-0.0	3.49
	3	0.2	-0.0	0.0	0.2	-0.0	5.19
	3	0.2	-0.0	-0.0	0.2	-0.0	-0.13
	4	0.2	-0.0	0.0	0.2	-0.0	4.15
	4	0.2	-0.0	0.0	0.2	-0.0	7.97
	4	0.2	-0.0	0.0	0.2	-0.0	9.35
	4	0.2	-0.0	0.0	0.2	-0.0	4.69
	5	0.2	-0.0	-0.0	0.2	-0.0	-5.43
	5	0.2	-0.0	-0.0	0.2	-0.0	-0.59
	5	0.2	-0.0	0.0	0.2	-0.0	1.19
	5	0.2	-0.0	-0.0	0.2	-0.0	-4.97
	6	0.2	-0.0	-0.0	0.2	-0.0	-4.71
	6	0.2	-0.0	0.0	0.2	-0.0	0.50
	6	0.2	-0.1	0.0	0.2	-0.1	2.26
	6	0.2	-0.0	-0.0	0.2	-0.0	-4.32
	7	0.2	-0.0	0.0	0.2	-0.0	0.35
	7	0.2	-0.0	0.0	0.2	-0.0	5.65
	7	0.2	-0.1	0.0	0.2	-0.1	7.44
	7	0.2	-0.1	0.0	0.2	-0.1	0.96
	8	0.2	-0.0	0.0	0.2	-0.0	4.04
	8	0.2	-0.0	0.0	0.2	-0.0	8.90
	8	0.2	-0.1	0.0	0.2	-0.1	10.59
	8	0.2	-0.0	0.0	0.2	-0.1	4.80
	9	0.2	-0.0	0.0	0.2	-0.0	8.92
	9	0.2	-0.0	0.0	0.2	-0.0	12.46
	9	0.2	-0.0	0.1	0.2	-0.0	13.61
	9	0.2	-0.0	0.0	0.2	-0.0	9.52
	10	0.2	-0.0	0.0	0.2	-0.0	8.52
	10	0.2	-0.0	0.1	0.2	-0.0	12.39
	10	0.2	-0.0	0.1	0.2	-0.1	13.70
	10	0.2	-0.0	0.0	0.2	-0.0	9.26
	11	0.2	-0.0	0.0	0.2	-0.0	2.00
	11	0.2	-0.0	0.0	0.2	-0.0	6.64
	11	0.2	-0.0	0.0	0.2	-0.0	8.30
	11	0.2	-0.0	0.0	0.2	-0.0	2.64
	12	0.2	-0.0	0.0	0.2	-0.0	2.00
	12	0.2	-0.0	0.0	0.2	-0.0	6.65
	12	0.2	-0.0	0.0	0.2	-0.0	8.30
	12	0.2	-0.0	0.0	0.2	-0.0	2.64
	13	0.2	-0.0	0.0	0.2	-0.0	2.00
	13	0.2	-0.0	0.0	0.2	-0.0	6.64
	13	0.2	-0.0	0.0	0.2	-0.0	8.30
	13	0.2	-0.0	0.0	0.2	-0.0	2.64
	14	0.2	-0.0	0.0	0.2	-0.0	2.00
	14	0.2	-0.0	0.0	0.2	-0.0	6.66
	14	0.2	-0.0	0.0	0.2	-0.0	8.30
	14	0.2	-0.0	0.0	0.2	-0.0	2.64
	15	0.2	-0.0	0.0	0.2	-0.0	2.00
	15	0.2	-0.0	0.0	0.2	-0.0	6.64
	15	0.2	-0.0	0.0	0.2	-0.0	8.30
	15	0.2	-0.0	0.0	0.2	-0.0	2.64
	16	0.2	-0.0	0.0	0.2	-0.0	2.00
	16	0.2	-0.0	0.0	0.2	-0.0	6.66
	16	0.2	-0.0	0.0	0.2	-0.0	8.31
	16	0.2	-0.0	0.0	0.2	-0.0	2.64
404 448	1	0.1	-0.2	-0.0	0.1	-0.2	-0.77
	1	0.1	-0.2	-0.0	0.1	-0.2	-2.86
	1	0.1	-0.2	-0.0	0.1	-0.2	-2.98

	1	0.1	-0.2	-0.0	0.1	-0.2	-0.84
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.77
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.86
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.99
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.84
	3	0.1	-0.1	-0.0	0.1	-0.1	-5.78
	3	0.1	-0.1	-0.0	0.1	-0.1	-5.97
	3	0.1	-0.1	-0.0	0.1	-0.1	-7.22
	3	0.1	-0.1	-0.0	0.1	-0.1	-7.02
	4	0.1	-0.2	0.0	0.1	-0.2	5.63
	4	0.1	-0.2	0.0	0.1	-0.2	4.82
	4	0.0	-0.2	0.0	0.0	-0.2	6.04
	4	0.1	-0.2	0.0	0.1	-0.2	6.82
	5	0.1	-0.1	-0.1	0.1	-0.1	-16.73
	5	0.2	-0.1	-0.1	0.2	-0.1	-17.39
	5	0.1	-0.1	-0.1	0.2	-0.1	-20.21
	5	0.1	-0.1	-0.1	0.1	-0.2	-19.37
	6	0.1	-0.1	-0.1	0.1	-0.1	-16.67
	6	0.2	-0.1	-0.1	0.2	-0.1	-18.02
	6	0.2	-0.1	-0.1	0.2	-0.1	-20.70
	6	0.1	-0.1	-0.1	0.1	-0.2	-19.20
	7	0.1	-0.1	-0.0	0.1	-0.1	-6.54
	7	0.1	-0.1	-0.0	0.1	-0.1	-9.69
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.92
	7	0.1	-0.1	-0.0	0.1	-0.1	-7.62
	8	0.1	-0.1	0.0	0.1	-0.1	3.91
	8	0.1	-0.2	0.0	0.1	-0.2	0.11
	8	0.1	-0.1	0.0	0.1	-0.1	1.01
	8	0.1	-0.1	0.0	0.1	-0.1	4.86
	9	0.1	-0.2	0.1	0.1	-0.2	16.37
	9	0.0	-0.2	0.1	0.0	-0.2	14.28
	9	0.0	-0.2	0.1	0.0	-0.2	17.04
	9	0.1	-0.2	0.1	0.1	-0.2	18.97
	10	0.1	-0.2	0.1	0.1	-0.2	15.73
	10	0.0	-0.2	0.1	0.0	-0.2	12.95
	10	0.0	-0.2	0.1	0.1	-0.2	15.71
	10	0.1	-0.2	0.1	0.1	-0.2	18.26
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.84
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.86
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.99
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.84
402 446	1	0.3	-0.0	-0.0	0.3	-0.0	-0.47
	1	0.3	-0.0	-0.0	0.3	-0.0	-0.16
	1	0.3	-0.0	-0.0	0.3	-0.0	-1.03
	1	0.3	-0.0	-0.0	0.3	-0.0	-3.40
	2	0.4	-0.0	-0.0	0.4	-0.0	-0.48
	2	0.4	-0.0	-0.0	0.4	-0.0	-0.17
	2	0.3	-0.0	-0.0	0.3	-0.0	-1.03
	2	0.3	-0.0	-0.0	0.3	-0.0	-3.42
	3	0.2	0.0	-0.0	0.2	0.0	-0.82
	3	0.2	-0.0	-0.0	0.2	-0.0	-0.76
	3	0.2	-0.0	-0.0	0.2	-0.0	-2.85
	3	0.2	-0.0	-0.0	0.2	-0.0	-4.68

	4	0.2	0.0	0.0	0.2	0.0	0.42
	4	0.2	-0.0	0.0	0.2	-0.0	0.52
	4	0.2	-0.0	0.0	0.2	-0.0	1.18
	4	0.2	-0.0	-0.0	0.2	-0.0	-0.63
	5	0.2	-0.0	-0.0	0.2	-0.0	-2.37
	5	0.2	-0.0	-0.0	0.2	-0.0	-2.01
	5	0.2	-0.0	-0.0	0.2	-0.0	-6.86
	5	0.2	-0.0	-0.0	0.2	-0.0	-9.30
	6	0.3	-0.0	-0.0	0.3	-0.0	-2.29
	6	0.3	-0.0	-0.0	0.3	-0.0	-1.81
	6	0.2	-0.0	-0.0	0.2	-0.0	-6.40
	6	0.2	-0.0	-0.0	0.2	-0.0	-9.09
	7	0.3	-0.0	-0.0	0.3	-0.0	-1.12
	7	0.3	-0.0	-0.0	0.3	-0.0	-0.62
	7	0.2	-0.0	-0.0	0.2	-0.0	-2.63
	7	0.2	-0.0	-0.0	0.2	-0.0	-5.47
	8	0.3	-0.0	-0.0	0.3	-0.0	-0.28
	8	0.3	-0.0	0.0	0.3	-0.0	0.21
	8	0.3	-0.0	0.0	0.3	-0.0	0.24
	8	0.2	-0.0	-0.0	0.2	-0.0	-2.59
	9	0.3	0.0	0.0	0.3	0.0	1.20
	9	0.3	-0.0	0.0	0.3	-0.0	1.59
	9	0.2	-0.0	0.0	0.2	-0.0	4.75
	9	0.2	-0.0	0.0	0.2	-0.0	2.40
	10	0.3	0.0	0.0	0.3	0.0	0.90
	10	0.3	-0.0	0.0	0.3	-0.0	1.37
	10	0.2	-0.0	0.0	0.2	-0.0	4.12
	10	0.2	-0.0	0.0	0.2	-0.0	1.49
	11	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	11	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	11	0.2	-0.0	-0.0	0.2	-0.0	-1.03
	11	0.2	-0.0	-0.0	0.2	-0.0	-3.41
	12	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	12	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	12	0.2	-0.0	-0.0	0.2	-0.0	-1.03
	12	0.2	-0.0	-0.0	0.2	-0.0	-3.42
	13	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	13	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	13	0.2	-0.0	-0.0	0.2	-0.0	-1.03
	13	0.2	-0.0	-0.0	0.2	-0.0	-3.41
	14	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	14	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	14	0.2	-0.0	-0.0	0.2	-0.0	-1.04
	14	0.2	-0.0	-0.0	0.2	-0.0	-3.43
	15	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	15	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	15	0.2	-0.0	-0.0	0.2	-0.0	-1.03
	15	0.2	-0.0	-0.0	0.2	-0.0	-3.41
	16	0.3	-0.0	-0.0	0.3	-0.0	-0.49
	16	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	16	0.2	-0.0	-0.0	0.2	-0.0	-1.04
	16	0.2	-0.0	-0.0	0.2	-0.0	-3.44
352 421	1	0.2	-0.1	0.1	0.2	-0.2	7.85
	1	0.2	-0.2	0.1	0.3	-0.2	10.16
	1	0.2	-0.2	0.1	0.2	-0.2	7.05
	1	0.2	-0.2	0.0	0.2	-0.2	5.38
	2	0.3	-0.2	0.1	0.3	-0.2	7.87
	2	0.3	-0.2	0.1	0.3	-0.2	10.18
	2	0.3	-0.2	0.1	0.3	-0.2	7.07
	2	0.2	-0.2	0.0	0.2	-0.2	5.40
	3	0.2	-0.1	0.0	0.2	-0.1	10.21
	3	0.2	-0.1	0.1	0.2	-0.1	11.91
	3	0.2	-0.1	0.0	0.2	-0.1	10.98
	3	0.2	-0.1	0.0	0.2	-0.1	9.87
	4	0.2	-0.1	0.0	0.2	-0.1	3.11
	4	0.2	-0.1	0.0	0.2	-0.1	5.60
	4	0.2	-0.1	0.0	0.2	-0.1	1.20
	4	0.2	-0.1	-0.0	0.2	-0.1	-0.60
	5	0.1	-0.1	0.1	0.1	-0.1	21.28
	5	0.1	-0.1	0.1	0.1	-0.1	23.38
	5	0.1	-0.1	0.1	0.1	-0.1	26.73
	5	0.1	-0.1	0.1	0.1	-0.1	24.74
	6	0.1	-0.1	0.1	0.1	-0.1	21.52

	6	0.1	-0.1	0.1	0.1	-0.1	23.42
	6	0.1	-0.1	0.1	0.1	-0.2	26.18
	6	0.1	-0.1	0.1	0.1	-0.2	24.63
	7	0.1	-0.1	0.1	0.2	-0.2	12.65
	7	0.1	-0.2	0.1	0.2	-0.2	14.66
	7	0.1	-0.2	0.1	0.1	-0.2	12.95
	7	0.1	-0.2	0.1	0.1	-0.2	11.63
	8	0.2	-0.2	0.0	0.2	-0.2	6.11
	8	0.2	-0.2	0.1	0.2	-0.2	9.07
	8	0.2	-0.2	0.0	0.2	-0.2	4.53
	8	0.2	-0.2	0.0	0.2	-0.2	2.05
	9	0.2	-0.1	-0.0	0.2	-0.1	-1.59
	9	0.3	-0.1	0.0	0.3	-0.1	2.26
	9	0.3	-0.2	-0.0	0.3	-0.2	-4.15
	9	0.2	-0.2	-0.1	0.2	-0.2	-7.40
	10	0.2	-0.1	-0.0	0.2	-0.1	-0.69
	10	0.3	-0.2	0.0	0.3	-0.2	3.30
	10	0.3	-0.2	-0.0	0.3	-0.2	-3.13
	10	0.2	-0.2	-0.0	0.2	-0.2	-6.62
	11	0.2	-0.1	0.0	0.2	-0.1	7.86
	11	0.2	-0.1	0.1	0.2	-0.1	10.17
	11	0.2	-0.1	0.0	0.2	-0.1	7.06
	11	0.2	-0.1	0.0	0.2	-0.1	5.39
	12	0.2	-0.1	0.0	0.2	-0.1	7.87
	12	0.2	-0.1	0.1	0.2	-0.1	10.18
	12	0.2	-0.1	0.0	0.2	-0.1	7.07
	12	0.2	-0.1	0.0	0.2	-0.1	5.40
	13	0.2	-0.1	0.0	0.2	-0.1	7.86
	13	0.2	-0.1	0.1	0.2	-0.1	10.17
	13	0.2	-0.1	0.0	0.2	-0.1	7.06
	13	0.2	-0.1	0.0	0.2	-0.1	5.39
	14	0.2	-0.1	0.0	0.2	-0.1	7.88
	14	0.2	-0.1	0.1	0.2	-0.1	10.19
	14	0.2	-0.1	0.0	0.2	-0.1	7.08
	14	0.2	-0.1	0.0	0.2	-0.1	5.40
	15	0.2	-0.1	0.0	0.2	-0.1	7.86
	15	0.2	-0.1	0.1	0.2	-0.1	10.17
	15	0.2	-0.1	0.0	0.2	-0.1	7.06
	15	0.2	-0.1	0.0	0.2	-0.1	5.39
	16	0.2	-0.1	0.0	0.2	-0.1	7.88
	16	0.2	-0.1	0.1	0.2	-0.1	10.20
	16	0.2	-0.1	0.0	0.2	-0.1	7.09
	16	0.2	-0.1	0.0	0.2	-0.1	5.41
454 525	1	0.2	-0.0	0.1	0.2	-0.0	11.84
	1	0.2	-0.1	0.1	0.2	-0.1	17.45
	1	0.2	-0.1	0.1	0.2	-0.1	16.52
	1	0.2	-0.1	0.1	0.2	-0.1	13.22
	2	0.3	-0.0	0.1	0.3	-0.0	11.85
	2	0.2	-0.1	0.1	0.3	-0.1	17.45
	2	0.2	-0.1	0.1	0.3	-0.1	16.54
	2	0.3	-0.1	0.1	0.3	-0.1	13.23
	3	0.1	-0.0	0.0	0.2	-0.0	8.76
	3	0.1	-0.0	0.0	0.1	-0.0	15.26
	3	0.1	-0.1	0.0	0.2	-0.1	13.48
	3	0.1	-0.0	0.0	0.2	-0.0	10.19
	4	0.2	-0.0	0.0	0.2	-0.0	12.23
	4	0.1	-0.0	0.1	0.2	-0.0	16.76
	4	0.2	-0.0	0.1	0.2	-0.1	15.66
	4	0.2	-0.0	0.0	0.2	-0.0	13.31
	5	0.2	-0.0	0.0	0.2	-0.0	5.99
	5	0.1	-0.1	0.1	0.1	-0.1	14.81
	5	0.1	-0.1	0.1	0.1	-0.1	12.74
	5	0.1	-0.1	0.0	0.1	-0.1	7.73
	6	0.2	-0.0	0.0	0.2	-0.0	7.28
	6	0.1	-0.1	0.1	0.2	-0.1	15.81
	6	0.1	-0.1	0.1	0.2	-0.1	14.12
	6	0.1	-0.1	0.0	0.2	-0.1	9.02
	7	0.2	-0.0	0.0	0.2	-0.0	11.58
	7	0.2	-0.1	0.1	0.2	-0.1	17.95
	7	0.2	-0.1	0.1	0.2	-0.1	17.23
	7	0.2	-0.1	0.1	0.2	-0.1	13.18
	8	0.2	-0.0	0.1	0.2	-0.0	13.91
	8	0.2	-0.0	0.1	0.2	-0.1	18.92

	8	0.2	-0.1	0.1	0.2	-0.1	18.65
	8	0.2	-0.1	0.1	0.2	-0.1	15.34
	9	0.2	-0.0	0.1	0.2	-0.0	15.93
	9	0.2	-0.0	0.1	0.2	-0.1	19.03
	9	0.2	-0.0	0.1	0.2	-0.1	18.91
	9	0.2	-0.0	0.1	0.2	-0.1	16.82
	10	0.2	-0.0	0.1	0.2	-0.0	16.12
	10	0.2	-0.0	0.1	0.2	-0.1	19.50
	10	0.2	-0.0	0.1	0.2	-0.1	19.56
	10	0.2	-0.0	0.1	0.2	-0.1	17.17
	11	0.2	-0.0	0.0	0.2	-0.0	11.85
	11	0.2	-0.0	0.1	0.2	-0.1	17.45
	11	0.2	-0.1	0.1	0.2	-0.1	16.53
	11	0.2	-0.0	0.1	0.2	-0.1	13.22
	12	0.2	-0.0	0.0	0.2	-0.0	11.85
	12	0.2	-0.0	0.1	0.2	-0.1	17.45
	12	0.2	-0.1	0.1	0.2	-0.1	16.54
	12	0.2	-0.0	0.1	0.2	-0.1	13.23
	13	0.2	-0.0	0.0	0.2	-0.0	11.85
	13	0.2	-0.0	0.1	0.2	-0.1	17.45
	13	0.2	-0.1	0.1	0.2	-0.1	16.53
	13	0.2	-0.0	0.1	0.2	-0.1	13.22
	14	0.2	-0.0	0.0	0.2	-0.0	11.85
	14	0.2	-0.0	0.1	0.2	-0.1	17.45
	14	0.2	-0.1	0.1	0.2	-0.1	16.55
	14	0.2	-0.0	0.1	0.2	-0.1	13.23
	15	0.2	-0.0	0.0	0.2	-0.0	11.85
	15	0.2	-0.0	0.1	0.2	-0.1	17.45
	15	0.2	-0.1	0.1	0.2	-0.1	16.53
	15	0.2	-0.0	0.1	0.2	-0.1	13.22
	16	0.2	-0.0	0.0	0.2	-0.0	11.86
	16	0.2	-0.0	0.1	0.2	-0.1	17.45
	16	0.2	-0.1	0.1	0.2	-0.1	16.56
	16	0.2	-0.0	0.1	0.2	-0.1	13.24
263 310	1	0.1	-0.2	0.0	0.1	-0.2	4.71
	1	0.1	-0.2	0.0	0.1	-0.2	6.71
	1	0.1	-0.2	0.0	0.1	-0.2	7.37
	1	0.1	-0.2	0.0	0.1	-0.2	4.39
	2	0.1	-0.2	0.0	0.1	-0.2	4.71
	2	0.1	-0.2	0.0	0.1	-0.2	6.71
	2	0.1	-0.2	0.0	0.1	-0.2	7.36
	2	0.1	-0.2	0.0	0.1	-0.2	4.39
	3	0.1	-0.1	0.1	0.2	-0.1	14.03
	3	0.1	-0.1	0.1	0.2	-0.1	18.51
	3	0.2	-0.1	0.1	0.2	-0.1	17.31
	3	0.1	-0.1	0.1	0.2	-0.1	12.44
	4	0.1	-0.2	0.0	0.1	-0.2	3.13
	4	0.1	-0.2	0.0	0.1	-0.2	9.58
	4	0.1	-0.2	0.0	0.1	-0.2	10.80
	4	0.1	-0.2	0.0	0.1	-0.2	3.71
	5	0.2	-0.0	0.1	0.2	-0.1	21.62
	5	0.2	0.0	0.1	0.3	-0.0	23.12
	5	0.2	0.0	0.1	0.3	0.0	20.39
	5	0.2	-0.0	0.1	0.2	-0.1	18.71
	6	0.2	-0.0	0.1	0.2	-0.1	20.25
	6	0.2	0.0	0.1	0.2	-0.0	19.74
	6	0.2	0.0	0.1	0.3	0.0	16.88
	6	0.2	-0.0	0.1	0.2	-0.1	17.21
	7	0.1	-0.1	0.0	0.1	-0.1	6.37
	7	0.1	-0.1	0.0	0.1	-0.1	3.77
	7	0.1	-0.1	0.0	0.1	-0.1	3.67
	7	0.1	-0.1	0.0	0.1	-0.1	5.11
	8	0.0	-0.2	-0.0	0.0	-0.2	-6.03
	8	0.0	-0.2	-0.0	0.0	-0.2	-5.57
	8	0.0	-0.2	-0.0	0.0	-0.2	-3.05
	8	0.0	-0.2	-0.0	0.0	-0.2	-4.75
	9	-0.0	-0.2	-0.1	0.0	-0.3	-13.05
	9	-0.1	-0.3	-0.0	-0.1	-0.3	-6.49
	9	-0.0	-0.3	-0.0	-0.0	-0.3	-1.70
	9	-0.0	-0.2	-0.0	0.0	-0.3	-9.96
	10	-0.0	-0.2	-0.1	-0.0	-0.3	-15.32
	10	-0.1	-0.3	-0.0	-0.1	-0.3	-10.20
	10	-0.1	-0.3	-0.0	-0.1	-0.3	-5.47

	10	-0.0	-0.3	-0.1	-0.0	-0.3	-12.26
	11	0.1	-0.1	0.0	0.1	-0.1	4.71
	11	0.1	-0.1	0.0	0.1	-0.1	6.71
	11	0.1	-0.1	0.0	0.1	-0.1	7.36
	11	0.1	-0.1	0.0	0.1	-0.1	4.39
	12	0.1	-0.1	0.0	0.1	-0.1	4.71
	12	0.1	-0.1	0.0	0.1	-0.1	6.71
	12	0.1	-0.1	0.0	0.1	-0.1	7.36
	12	0.1	-0.1	0.0	0.1	-0.1	4.39
	13	0.1	-0.1	0.0	0.1	-0.1	4.71
	13	0.1	-0.1	0.0	0.1	-0.1	6.71
	13	0.1	-0.1	0.0	0.1	-0.1	7.36
	13	0.1	-0.1	0.0	0.1	-0.1	4.39
	14	0.1	-0.1	0.0	0.1	-0.1	4.72
	14	0.1	-0.1	0.0	0.1	-0.1	6.72
	14	0.1	-0.1	0.0	0.1	-0.1	7.36
	14	0.1	-0.1	0.0	0.1	-0.1	4.39
	15	0.1	-0.1	0.0	0.1	-0.1	4.71
	15	0.1	-0.1	0.0	0.1	-0.1	6.71
	15	0.1	-0.1	0.0	0.1	-0.1	7.36
	15	0.1	-0.1	0.0	0.1	-0.1	4.39
	16	0.1	-0.1	0.0	0.1	-0.1	4.72
	16	0.1	-0.1	0.0	0.1	-0.1	6.72
	16	0.1	-0.1	0.0	0.1	-0.1	7.36
	16	0.1	-0.1	0.0	0.1	-0.1	4.40
539 365	1	0.1	-0.2	0.0	0.1	-0.2	3.52
	1	0.2	-0.2	0.0	0.2	-0.2	6.06
	1	0.2	-0.2	0.0	0.2	-0.2	1.76
	1	0.2	-0.2	0.0	0.2	-0.2	1.25
	2	0.2	-0.2	0.0	0.2	-0.2	3.53
	2	0.2	-0.2	0.0	0.2	-0.2	6.06
	2	0.2	-0.2	0.0	0.2	-0.2	1.76
	2	0.2	-0.2	0.0	0.2	-0.2	1.25
	3	0.2	-0.1	0.0	0.2	-0.1	9.95
	3	0.2	-0.1	0.1	0.2	-0.1	14.46
	3	0.2	-0.1	0.0	0.2	-0.1	8.50
	3	0.2	-0.1	0.0	0.2	-0.1	5.61
	4	0.1	-0.2	0.0	0.1	-0.2	4.33
	4	0.1	-0.2	0.0	0.1	-0.2	10.01
	4	0.1	-0.2	0.0	0.1	-0.2	6.82
	4	0.1	-0.2	0.0	0.1	-0.2	3.94
	5	0.2	-0.0	0.1	0.2	-0.0	13.75
	5	0.3	0.1	0.1	0.3	0.0	15.94
	5	0.3	0.1	0.0	0.3	0.1	6.16
	5	0.2	-0.0	0.0	0.2	-0.0	5.15
	6	0.2	-0.0	0.1	0.2	-0.1	11.93
	6	0.3	0.0	0.0	0.3	0.0	12.14
	6	0.3	0.1	0.0	0.3	0.1	1.80
	6	0.2	-0.0	0.0	0.2	-0.0	3.03
	7	0.1	-0.1	0.0	0.1	-0.1	2.68
	7	0.1	-0.1	0.0	0.1	-0.1	1.57
	7	0.2	-0.1	-0.0	0.2	-0.1	-3.94
	7	0.1	-0.1	-0.0	0.1	-0.1	-1.51
	8	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	8	0.1	-0.2	-0.0	0.1	-0.2	-2.41
	8	0.1	-0.2	-0.0	0.1	-0.2	-4.35
	8	0.1	-0.2	-0.0	0.1	-0.2	-3.18
	9	0.0	-0.3	-0.0	0.0	-0.3	-5.24
	9	-0.0	-0.3	0.0	-0.0	-0.3	1.18
	9	-0.0	-0.3	0.0	-0.0	-0.3	1.74
	9	0.0	-0.3	-0.0	0.0	-0.3	-0.48
	10	-0.0	-0.3	-0.0	-0.0	-0.3	-7.55
	10	-0.0	-0.3	-0.0	-0.0	-0.3	-2.27
	10	-0.0	-0.3	-0.0	-0.0	-0.3	-1.27
	10	0.0	-0.3	-0.0	0.0	-0.3	-2.61
	11	0.1	-0.1	0.0	0.1	-0.1	3.52
	11	0.1	-0.1	0.0	0.1	-0.1	6.06
	11	0.1	-0.1	0.0	0.1	-0.1	1.76
	11	0.1	-0.2	0.0	0.1	-0.2	1.25
	12	0.1	-0.1	0.0	0.1	-0.1	3.53
	12	0.1	-0.1	0.0	0.1	-0.1	6.06
	12	0.1	-0.1	0.0	0.1	-0.1	1.76
	12	0.1	-0.2	0.0	0.1	-0.2	1.25

	13	0.1	-0.1	0.0	0.1	-0.1	3.52
	13	0.1	-0.1	0.0	0.1	-0.1	6.06
	13	0.1	-0.1	0.0	0.1	-0.1	1.76
	13	0.1	-0.2	0.0	0.1	-0.2	1.25
	14	0.1	-0.1	0.0	0.1	-0.1	3.53
	14	0.1	-0.1	0.0	0.1	-0.1	6.06
	14	0.1	-0.1	0.0	0.1	-0.1	1.76
	14	0.1	-0.2	0.0	0.1	-0.2	1.25
	15	0.1	-0.1	0.0	0.1	-0.1	3.52
	15	0.1	-0.1	0.0	0.1	-0.1	6.06
	15	0.1	-0.1	0.0	0.1	-0.1	1.76
	15	0.1	-0.2	0.0	0.1	-0.2	1.25
	16	0.1	-0.1	0.0	0.1	-0.1	3.53
	16	0.1	-0.1	0.0	0.1	-0.1	6.06
	16	0.1	-0.1	0.0	0.1	-0.1	1.76
	16	0.1	-0.2	0.0	0.1	-0.2	1.25
367 547	1	0.2	-0.2	-0.0	0.2	-0.2	-1.25
	1	0.2	-0.2	-0.0	0.2	-0.2	-1.76
	1	0.2	-0.2	-0.0	0.2	-0.2	-6.06
	1	0.1	-0.2	-0.0	0.1	-0.2	-3.52
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.25
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.76
	2	0.2	-0.2	-0.0	0.2	-0.2	-6.06
	2	0.2	-0.2	-0.0	0.2	-0.2	-3.53
	3	0.1	-0.1	0.0	0.1	-0.1	1.51
	3	0.2	-0.1	0.0	0.2	-0.1	3.94
	3	0.1	-0.1	-0.0	0.1	-0.1	-1.57
	3	0.1	-0.1	-0.0	0.1	-0.1	-2.68
	4	0.1	-0.2	0.0	0.1	-0.2	3.18
	4	0.1	-0.2	0.0	0.1	-0.2	4.35
	4	0.1	-0.2	0.0	0.1	-0.2	2.41
	4	0.1	-0.2	0.0	0.1	-0.2	3.48
	5	0.2	-0.0	-0.0	0.2	-0.0	-3.03
	5	0.3	0.1	-0.0	0.3	0.1	-1.80
	5	0.3	0.0	-0.0	0.3	0.0	-12.14
	5	0.2	-0.0	-0.1	0.2	-0.1	-11.93
	6	0.2	-0.0	-0.0	0.2	-0.0	-5.15
	6	0.3	0.1	-0.0	0.3	0.1	-6.16
	6	0.3	0.1	-0.1	0.3	0.0	-15.94
	6	0.2	-0.0	-0.1	0.2	-0.0	-13.75
	7	0.2	-0.1	-0.0	0.2	-0.1	-5.61
	7	0.2	-0.1	-0.0	0.2	-0.1	-8.50
	7	0.2	-0.1	-0.1	0.2	-0.1	-14.46
	7	0.2	-0.1	-0.0	0.2	-0.1	-9.95
	8	0.1	-0.2	-0.0	0.1	-0.2	-3.94
	8	0.1	-0.2	-0.0	0.1	-0.2	-6.82
	8	0.1	-0.2	-0.0	0.1	-0.2	-10.01
	8	0.1	-0.2	-0.0	0.1	-0.2	-4.33
	9	0.0	-0.3	0.0	0.0	-0.3	2.61
	9	-0.0	-0.3	0.0	-0.0	-0.3	1.27
	9	-0.0	-0.3	0.0	-0.0	-0.3	2.27
	9	-0.0	-0.3	0.0	-0.0	-0.3	7.55
	10	0.0	-0.3	0.0	0.0	-0.3	0.48
	10	-0.0	-0.3	-0.0	-0.0	-0.3	-1.74
	10	-0.0	-0.3	-0.0	-0.0	-0.3	-1.18
	10	0.0	-0.3	0.0	0.0	-0.3	5.24
	11	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	11	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	11	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	11	0.1	-0.1	-0.0	0.1	-0.1	-3.52
	12	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	12	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	12	0.1	-0.1	-0.0	0.1	-0.1	-3.53
	13	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	13	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	13	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	13	0.1	-0.1	-0.0	0.1	-0.1	-3.52
	14	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	14	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	14	0.1	-0.1	-0.0	0.1	-0.1	-3.53
	15	0.1	-0.2	-0.0	0.1	-0.2	-1.25

	15	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	15	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	15	0.1	-0.1	-0.0	0.1	-0.1	-3.52
	16	0.1	-0.2	-0.0	0.1	-0.2	-1.25
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.76
	16	0.1	-0.1	-0.0	0.1	-0.1	-6.06
	16	0.1	-0.1	-0.0	0.1	-0.1	-3.53
549 472	1	0.3	-0.0	0.0	0.3	-0.0	0.16
	1	0.3	-0.0	0.0	0.3	-0.0	0.47
	1	0.3	-0.0	0.0	0.3	-0.0	3.40
	1	0.3	-0.0	0.0	0.3	-0.0	1.03
	2	0.4	-0.0	0.0	0.4	-0.0	0.17
	2	0.4	-0.0	0.0	0.4	-0.0	0.48
	2	0.3	-0.0	0.0	0.3	-0.0	3.42
	2	0.3	-0.0	0.0	0.3	-0.0	1.03
	3	0.2	-0.0	-0.0	0.2	-0.0	-0.52
	3	0.2	0.0	-0.0	0.2	0.0	-0.42
	3	0.2	-0.0	0.0	0.2	-0.0	0.63
	3	0.2	-0.0	-0.0	0.2	-0.0	-1.18
	4	0.2	-0.0	0.0	0.2	-0.0	0.76
	4	0.2	0.0	0.0	0.2	0.0	0.82
	4	0.2	-0.0	0.0	0.2	-0.0	4.68
	4	0.2	-0.0	0.0	0.2	-0.0	2.85
	5	0.3	-0.0	-0.0	0.3	-0.0	-1.59
	5	0.3	0.0	-0.0	0.3	0.0	-1.20
	5	0.2	-0.0	-0.0	0.2	-0.0	-2.40
	5	0.2	-0.0	-0.0	0.2	-0.0	-4.75
	6	0.3	-0.0	-0.0	0.3	-0.0	-1.37
	6	0.3	0.0	-0.0	0.3	0.0	-0.90
	6	0.2	-0.0	-0.0	0.2	-0.0	-1.49
	6	0.2	-0.0	-0.0	0.2	-0.0	-4.12
	7	0.3	-0.0	-0.0	0.3	-0.0	-0.21
	7	0.3	-0.0	0.0	0.3	-0.0	0.28
	7	0.2	-0.0	0.0	0.2	-0.0	2.59
	7	0.3	-0.0	-0.0	0.3	-0.0	-0.24
	8	0.3	-0.0	0.0	0.3	-0.0	0.62
	8	0.3	-0.0	0.0	0.3	-0.0	1.12
	8	0.2	-0.0	0.0	0.2	-0.0	5.47
	8	0.2	-0.0	0.0	0.2	-0.0	2.63
	9	0.2	-0.0	0.0	0.2	-0.0	2.01
	9	0.2	-0.0	0.0	0.2	-0.0	2.37
	9	0.2	-0.0	0.0	0.2	-0.0	9.30
	9	0.2	-0.0	0.0	0.2	-0.0	6.86
	10	0.3	-0.0	0.0	0.3	-0.0	1.81
	10	0.3	-0.0	0.0	0.3	-0.0	2.29
	10	0.2	-0.0	0.0	0.2	-0.0	9.09
	10	0.2	-0.0	0.0	0.2	-0.0	6.40
	11	0.3	-0.0	0.0	0.3	-0.0	0.17
	11	0.3	-0.0	0.0	0.3	-0.0	0.48
	11	0.2	-0.0	0.0	0.2	-0.0	3.41
	11	0.2	-0.0	0.0	0.2	-0.0	1.03
	12	0.3	-0.0	0.0	0.3	-0.0	0.17
	12	0.3	-0.0	0.0	0.3	-0.0	0.48
	12	0.2	-0.0	0.0	0.2	-0.0	3.42
	12	0.2	-0.0	0.0	0.2	-0.0	1.03
	13	0.3	-0.0	0.0	0.3	-0.0	0.17
	13	0.3	-0.0	0.0	0.3	-0.0	0.48
	13	0.2	-0.0	0.0	0.2	-0.0	3.41
	13	0.2	-0.0	0.0	0.2	-0.0	1.03
	14	0.3	-0.0	0.0	0.3	-0.0	0.17
	14	0.3	-0.0	0.0	0.3	-0.0	0.48
	14	0.2	-0.0	0.0	0.2	-0.0	3.43
	14	0.2	-0.0	0.0	0.2	-0.0	1.04
	15	0.3	-0.0	0.0	0.3	-0.0	0.17
	15	0.3	-0.0	0.0	0.3	-0.0	0.48
	15	0.2	-0.0	0.0	0.2	-0.0	3.41
	15	0.2	-0.0	0.0	0.2	-0.0	1.03
	16	0.3	-0.0	0.0	0.3	-0.0	0.17
	16	0.3	-0.0	0.0	0.3	-0.0	0.49
	16	0.2	-0.0	0.0	0.2	-0.0	3.44
	16	0.2	-0.0	0.0	0.2	-0.0	1.04
408 467	1	0.1	-0.2	-0.0	0.1	-0.2	-4.39

	1	0.1	-0.2	-0.0	0.1	-0.2	-7.37
	1	0.1	-0.2	-0.0	0.1	-0.2	-6.71
	1	0.1	-0.2	-0.0	0.1	-0.2	-4.71
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.39
	2	0.1	-0.2	-0.0	0.1	-0.2	-7.36
	2	0.1	-0.2	-0.0	0.1	-0.2	-6.71
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.71
	3	0.1	-0.1	-0.0	0.1	-0.1	-5.11
	3	0.1	-0.1	-0.0	0.1	-0.1	-3.67
	3	0.1	-0.1	-0.0	0.1	-0.1	-3.77
	3	0.1	-0.1	-0.0	0.1	-0.1	-6.37
	4	0.0	-0.2	0.0	0.0	-0.2	4.75
	4	0.0	-0.2	0.0	0.0	-0.2	3.05
	4	0.0	-0.2	0.0	0.0	-0.2	5.57
	4	0.0	-0.2	0.0	0.0	-0.2	6.03
	5	0.2	-0.0	-0.1	0.2	-0.1	-17.21
	5	0.2	0.0	-0.1	0.3	0.0	-16.88
	5	0.2	0.0	-0.1	0.2	-0.0	-19.74
	5	0.2	-0.0	-0.1	0.2	-0.1	-20.25
	6	0.2	-0.0	-0.1	0.2	-0.1	-18.71
	6	0.2	0.0	-0.1	0.3	0.0	-20.39
	6	0.2	0.0	-0.1	0.3	-0.0	-23.12
	6	0.2	-0.0	-0.1	0.2	-0.1	-21.62
	7	0.1	-0.1	-0.1	0.2	-0.1	-12.44
	7	0.2	-0.1	-0.1	0.2	-0.1	-17.31
	7	0.1	-0.1	-0.1	0.2	-0.1	-18.51
	7	0.1	-0.1	-0.1	0.2	-0.1	-14.03
	8	0.1	-0.2	-0.0	0.1	-0.2	-3.71
	8	0.1	-0.2	-0.0	0.1	-0.2	-10.80
	8	0.1	-0.2	-0.0	0.1	-0.2	-9.58
	8	0.1	-0.2	-0.0	0.1	-0.2	-3.13
	9	-0.0	-0.3	0.1	-0.0	-0.3	12.26
	9	-0.1	-0.3	0.0	-0.1	-0.3	5.47
	9	-0.1	-0.3	0.0	-0.1	-0.3	10.20
	9	-0.0	-0.2	0.1	-0.0	-0.3	15.32
	10	-0.0	-0.2	0.0	0.0	-0.3	9.96
	10	-0.0	-0.3	0.0	-0.0	-0.3	1.70
	10	-0.1	-0.3	0.0	-0.1	-0.3	6.49
	10	-0.0	-0.2	0.1	0.0	-0.3	13.05
	11	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	11	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	11	0.1	-0.1	-0.0	0.1	-0.1	-6.71
	11	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	12	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	12	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	12	0.1	-0.1	-0.0	0.1	-0.1	-6.71
	12	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	13	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	13	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	13	0.1	-0.1	-0.0	0.1	-0.1	-6.71
	13	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	14	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	14	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	14	0.1	-0.1	-0.0	0.1	-0.1	-6.72
	14	0.1	-0.1	-0.0	0.1	-0.1	-4.72
	15	0.1	-0.1	-0.0	0.1	-0.1	-4.39
	15	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	15	0.1	-0.1	-0.0	0.1	-0.1	-6.71
	15	0.1	-0.1	-0.0	0.1	-0.1	-4.71
	16	0.1	-0.1	-0.0	0.1	-0.1	-4.40
	16	0.1	-0.1	-0.0	0.1	-0.1	-7.36
	16	0.1	-0.1	-0.0	0.1	-0.1	-6.72
	16	0.1	-0.1	-0.0	0.1	-0.1	-4.72
406 450	1	0.1	-0.2	-0.0	0.1	-0.2	-0.76
	1	0.1	-0.2	-0.0	0.1	-0.2	-2.60
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.76
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.25
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.76
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.61
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.78
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.26
	3	0.1	-0.1	-0.0	0.1	-0.1	-9.27
	3	0.1	-0.1	-0.0	0.1	-0.1	-9.11

	3	0.0	-0.1	-0.0	0.1	-0.1	-10.60
	3	0.0	-0.1	-0.0	0.1	-0.2	-11.82
	4	0.0	-0.2	0.0	0.1	-0.2	9.27
	4	0.0	-0.2	0.0	0.0	-0.2	8.87
	4	0.0	-0.2	0.0	0.0	-0.2	12.64
	4	0.0	-0.2	0.0	0.0	-0.2	12.46
	5	0.1	-0.1	-0.1	0.1	-0.2	-23.76
	5	0.1	-0.1	-0.1	0.2	-0.1	-24.53
	5	0.1	-0.1	-0.1	0.2	-0.2	-29.25
	5	0.1	-0.1	-0.1	0.2	-0.2	-28.10
	6	0.1	-0.1	-0.1	0.2	-0.2	-23.48
	6	0.1	-0.1	-0.1	0.2	-0.1	-24.86
	6	0.1	-0.1	-0.1	0.2	-0.2	-29.51
	6	0.1	-0.1	-0.1	0.2	-0.2	-27.81
	7	0.1	-0.1	-0.0	0.1	-0.1	-9.63
	7	0.1	-0.1	-0.1	0.1	-0.1	-12.80
	7	0.1	-0.1	-0.1	0.1	-0.1	-14.27
	7	0.1	-0.1	-0.0	0.1	-0.1	-11.94
	8	0.1	-0.1	0.0	0.1	-0.1	6.98
	8	0.1	-0.1	0.0	0.1	-0.1	3.53
	8	0.1	-0.1	0.0	0.1	-0.1	8.11
	8	0.1	-0.1	0.0	0.1	-0.1	10.14
	9	0.1	-0.2	0.1	0.1	-0.2	23.23
	9	0.0	-0.2	0.1	0.1	-0.2	21.85
	9	0.0	-0.2	0.1	0.1	-0.3	25.67
	9	0.1	-0.2	0.1	0.1	-0.2	27.27
	10	0.1	-0.1	0.1	0.1	-0.2	22.52
	10	0.0	-0.2	0.1	0.1	-0.2	20.71
	10	0.0	-0.2	0.1	0.1	-0.2	24.98
	10	0.1	-0.1	0.1	0.1	-0.2	26.70
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.61
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.25
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.61
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.78
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.26
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.61
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.25
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.61
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.78
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.26
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.61
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.25
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.62
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.79
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.26
474 523	1	0.3	-0.2	0.1	0.3	-0.2	13.27
	1	0.3	-0.1	0.2	0.3	-0.2	18.58
	1	0.3	-0.1	0.1	0.3	-0.2	10.87
	1	0.3	-0.2	0.1	0.3	-0.2	9.99
	2	0.3	-0.2	0.1	0.3	-0.2	13.30
	2	0.3	-0.1	0.2	0.4	-0.2	18.60
	2	0.3	-0.2	0.1	0.3	-0.2	10.92
	2	0.3	-0.2	0.1	0.3	-0.2	10.02
	3	0.2	-0.1	0.1	0.2	-0.1	13.56
	3	0.1	-0.1	0.1	0.2	-0.1	19.82
	3	0.2	-0.1	0.1	0.2	-0.1	11.82
	3	0.2	-0.1	0.1	0.2	-0.1	13.42
	4	0.3	-0.1	0.1	0.3	-0.1	9.27
	4	0.3	0.0	0.1	0.3	-0.0	17.82
	4	0.3	0.0	0.0	0.3	0.0	6.25
	4	0.2	-0.1	0.0	0.3	-0.1	4.41
	5	0.1	-0.1	0.1	0.1	-0.2	20.86
	5	0.0	-0.2	0.1	0.1	-0.2	21.92
	5	0.0	-0.2	0.1	0.1	-0.3	17.98

	5	0.1	-0.1	0.1	0.1	-0.1	29.17
	6	0.1	-0.2	0.1	0.1	-0.2	21.27
	6	0.0	-0.2	0.1	0.1	-0.3	21.29
	6	0.0	-0.3	0.1	0.1	-0.3	17.85
	6	0.0	-0.1	0.1	0.1	-0.2	28.19
	7	0.1	-0.2	0.1	0.2	-0.2	16.72
	7	0.2	-0.2	0.1	0.2	-0.2	19.15
	7	0.1	-0.2	0.1	0.2	-0.3	13.85
	7	0.1	-0.2	0.1	0.2	-0.2	15.38
	8	0.2	-0.2	0.1	0.3	-0.2	13.19
	8	0.3	-0.1	0.1	0.3	-0.2	17.99
	8	0.2	-0.2	0.1	0.2	-0.2	10.43
	8	0.2	-0.2	0.1	0.2	-0.2	8.04
	9	0.3	-0.1	0.1	0.3	-0.1	7.27
	9	0.4	0.0	0.1	0.4	0.0	16.45
	9	0.4	0.0	0.0	0.4	0.0	3.03
	9	0.3	-0.2	0.0	0.3	-0.2	0.09
	10	0.3	-0.1	0.1	0.3	-0.1	8.53
	10	0.4	-0.0	0.1	0.4	-0.0	16.67
	10	0.4	-0.0	0.0	0.4	-0.0	4.84
	10	0.3	-0.2	0.0	0.3	-0.2	1.22
	11	0.2	-0.1	0.1	0.2	-0.1	13.29
	11	0.2	-0.1	0.1	0.3	-0.1	18.59
	11	0.2	-0.1	0.1	0.2	-0.1	10.89
	11	0.2	-0.1	0.1	0.2	-0.2	10.00
	12	0.2	-0.1	0.1	0.2	-0.1	13.30
	12	0.2	-0.1	0.1	0.3	-0.1	18.60
	12	0.2	-0.1	0.1	0.2	-0.1	10.92
	12	0.2	-0.1	0.1	0.2	-0.2	10.02
	13	0.2	-0.1	0.1	0.2	-0.1	13.29
	13	0.2	-0.1	0.1	0.3	-0.1	18.59
	13	0.2	-0.1	0.1	0.2	-0.1	10.89
	13	0.2	-0.1	0.1	0.2	-0.2	10.00
	14	0.2	-0.1	0.1	0.2	-0.1	13.32
	14	0.2	-0.1	0.1	0.3	-0.1	18.61
	14	0.2	-0.1	0.1	0.2	-0.1	10.93
	14	0.2	-0.1	0.1	0.2	-0.2	10.03
	15	0.2	-0.1	0.1	0.2	-0.1	13.29
	15	0.2	-0.1	0.1	0.3	-0.1	18.59
	15	0.2	-0.1	0.1	0.2	-0.1	10.89
	15	0.2	-0.1	0.1	0.2	-0.2	10.00
	16	0.2	-0.1	0.1	0.2	-0.1	13.33
	16	0.2	-0.1	0.1	0.3	-0.1	18.62
	16	0.2	-0.1	0.1	0.2	-0.1	10.95
	16	0.2	-0.1	0.1	0.2	-0.2	10.04
310 542	1	0.2	-0.2	-0.0	0.2	-0.2	-1.91
	1	0.2	-0.2	-0.0	0.2	-0.2	-0.60
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.15
	1	0.2	-0.2	-0.0	0.2	-0.2	-0.63
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.92
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.60
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.16
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.64
	3	0.2	-0.1	0.0	0.2	-0.1	5.47
	3	0.2	-0.1	0.0	0.2	-0.1	7.11
	3	0.1	-0.1	0.0	0.2	-0.1	9.23
	3	0.2	-0.1	0.0	0.2	-0.1	7.63
	4	0.2	-0.1	-0.0	0.2	-0.1	-9.25
	4	0.2	-0.1	-0.0	0.2	-0.1	-8.27
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.19
	4	0.1	-0.1	-0.0	0.1	-0.1	-11.01
	5	0.2	-0.2	0.1	0.2	-0.2	15.70
	5	0.2	-0.1	0.1	0.2	-0.2	19.69
	5	0.1	-0.1	0.1	0.2	-0.2	23.59
	5	0.2	-0.2	0.1	0.2	-0.2	19.81
	6	0.2	-0.2	0.1	0.2	-0.2	15.31
	6	0.1	-0.1	0.1	0.2	-0.2	19.54
	6	0.1	-0.1	0.1	0.2	-0.2	23.61
	6	0.1	-0.2	0.1	0.2	-0.2	19.73
	7	0.1	-0.2	0.0	0.1	-0.2	4.14
	7	0.1	-0.2	0.0	0.1	-0.2	6.62
	7	0.1	-0.2	0.0	0.1	-0.2	9.44
	7	0.1	-0.2	0.0	0.1	-0.2	7.89

	8	0.1	-0.2	-0.0	0.1	-0.2	-9.80
	8	0.1	-0.2	-0.0	0.1	-0.2	-8.42
	8	0.1	-0.2	-0.0	0.1	-0.2	-9.92
	8	0.1	-0.2	-0.0	0.1	-0.2	-9.74
	9	0.1	-0.1	-0.1	0.2	-0.1	-25.65
	9	0.1	-0.1	-0.1	0.2	-0.2	-22.63
	9	0.1	-0.1	-0.1	0.2	-0.2	-26.04
	9	0.1	-0.1	-0.1	0.2	-0.2	-28.62
	10	0.1	-0.1	-0.1	0.1	-0.2	-25.49
	10	0.1	-0.1	-0.1	0.2	-0.2	-22.59
	10	0.1	-0.1	-0.1	0.2	-0.2	-25.99
	10	0.1	-0.1	-0.1	0.2	-0.2	-28.23
	11	0.1	-0.1	-0.0	0.1	-0.1	-1.91
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.60
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.15
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.64
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.92
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.60
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.16
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.64
	13	0.1	-0.1	-0.0	0.1	-0.1	-1.91
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.60
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.15
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.64
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.92
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.61
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.16
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.64
	15	0.1	-0.1	-0.0	0.1	-0.1	-1.91
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.60
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.15
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.64
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.92
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.61
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.16
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.65
365 412	1	0.2	-0.2	0.0	0.2	-0.2	0.60
	1	0.2	-0.2	0.0	0.2	-0.2	1.91
	1	0.2	-0.2	0.0	0.2	-0.2	0.63
	1	0.1	-0.2	0.0	0.1	-0.2	0.15
	2	0.2	-0.2	0.0	0.2	-0.2	0.60
	2	0.2	-0.2	0.0	0.2	-0.2	1.92
	2	0.2	-0.2	0.0	0.2	-0.2	0.64
	2	0.2	-0.2	0.0	0.2	-0.2	0.16
	3	0.2	-0.1	0.0	0.2	-0.1	8.27
	3	0.2	-0.1	0.0	0.2	-0.1	9.25
	3	0.1	-0.1	0.0	0.1	-0.1	11.01
	3	0.1	-0.1	0.0	0.1	-0.1	10.19
	4	0.2	-0.1	-0.0	0.2	-0.1	-7.11
	4	0.2	-0.1	-0.0	0.2	-0.1	-5.47
	4	0.2	-0.1	-0.0	0.2	-0.1	-7.63
	4	0.1	-0.1	-0.0	0.2	-0.1	-9.23
	5	0.1	-0.1	0.1	0.2	-0.2	22.63
	5	0.1	-0.1	0.1	0.2	-0.1	25.65
	5	0.1	-0.1	0.1	0.2	-0.2	28.62
	5	0.1	-0.1	0.1	0.2	-0.2	26.04
	6	0.1	-0.1	0.1	0.2	-0.2	22.59
	6	0.1	-0.1	0.1	0.1	-0.2	25.49
	6	0.1	-0.1	0.1	0.2	-0.2	28.23
	6	0.1	-0.1	0.1	0.2	-0.2	25.99
	7	0.1	-0.2	0.0	0.1	-0.2	8.42
	7	0.1	-0.2	0.0	0.1	-0.2	9.80
	7	0.1	-0.2	0.0	0.1	-0.2	9.74
	7	0.1	-0.2	0.0	0.1	-0.2	9.92
	8	0.1	-0.2	-0.0	0.1	-0.2	-6.62
	8	0.1	-0.2	-0.0	0.1	-0.2	-4.14
	8	0.1	-0.2	-0.0	0.1	-0.2	-7.89
	8	0.1	-0.2	-0.0	0.1	-0.2	-9.44
	9	0.2	-0.1	-0.1	0.2	-0.2	-19.69
	9	0.2	-0.2	-0.1	0.2	-0.2	-15.70
	9	0.2	-0.2	-0.1	0.2	-0.2	-19.81
	9	0.1	-0.1	-0.1	0.2	-0.2	-23.59
	10	0.1	-0.1	-0.1	0.2	-0.2	-19.54

	10	0.2	-0.2	-0.1	0.2	-0.2	-15.31
	10	0.1	-0.2	-0.1	0.2	-0.2	-19.73
	10	0.1	-0.1	-0.1	0.2	-0.2	-23.61
	11	0.1	-0.1	0.0	0.1	-0.1	0.60
	11	0.1	-0.1	0.0	0.1	-0.1	1.91
	11	0.1	-0.1	0.0	0.1	-0.1	0.64
	11	0.1	-0.1	0.0	0.1	-0.1	0.15
	12	0.1	-0.1	0.0	0.1	-0.1	0.60
	12	0.1	-0.1	0.0	0.1	-0.1	1.92
	12	0.1	-0.1	0.0	0.1	-0.1	0.64
	12	0.1	-0.1	0.0	0.1	-0.1	0.16
	13	0.1	-0.1	0.0	0.1	-0.1	0.60
	13	0.1	-0.1	0.0	0.1	-0.1	1.91
	13	0.1	-0.1	0.0	0.1	-0.1	0.64
	13	0.1	-0.1	0.0	0.1	-0.1	0.15
	14	0.1	-0.1	0.0	0.1	-0.1	0.61
	14	0.1	-0.1	0.0	0.1	-0.1	1.92
	14	0.1	-0.1	0.0	0.1	-0.1	0.65
	14	0.1	-0.1	0.0	0.1	-0.1	0.16
	15	0.1	-0.1	0.0	0.1	-0.1	0.60
	15	0.1	-0.1	0.0	0.1	-0.1	1.91
	15	0.1	-0.1	0.0	0.1	-0.1	0.64
	15	0.1	-0.1	0.0	0.1	-0.1	0.15
	16	0.1	-0.1	0.0	0.1	-0.1	0.61
	16	0.1	-0.1	0.0	0.1	-0.1	1.92
	16	0.1	-0.1	0.0	0.1	-0.1	0.65
	16	0.1	-0.1	0.0	0.1	-0.1	0.16
547 470	1	0.2	-0.2	0.0	0.2	-0.2	3.34
	1	0.2	-0.2	0.0	0.2	-0.2	4.91
	1	0.2	-0.2	0.0	0.2	-0.2	2.94
	1	0.2	-0.2	0.0	0.2	-0.2	1.27
	2	0.2	-0.2	0.0	0.2	-0.2	3.36
	2	0.2	-0.2	0.0	0.2	-0.2	4.93
	2	0.2	-0.3	0.0	0.2	-0.3	2.95
	2	0.2	-0.2	0.0	0.2	-0.2	1.28
	3	0.2	-0.1	0.0	0.2	-0.1	9.99
	3	0.2	-0.1	0.0	0.2	-0.1	10.54
	3	0.1	-0.1	0.0	0.1	-0.1	10.13
	3	0.1	-0.1	0.0	0.1	-0.1	11.54
	4	0.2	-0.1	-0.0	0.2	-0.1	-3.75
	4	0.2	-0.1	-0.0	0.2	-0.1	-1.53
	4	0.2	-0.1	-0.0	0.2	-0.1	-3.39
	4	0.2	-0.1	-0.0	0.2	-0.1	-5.87
	5	0.1	-0.1	0.1	0.2	-0.1	27.21
	5	0.1	-0.1	0.1	0.1	-0.1	28.02
	5	0.1	-0.1	0.1	0.1	-0.1	28.55
	5	0.1	-0.1	0.1	0.2	-0.2	29.58
	6	0.1	-0.1	0.1	0.1	-0.2	26.81
	6	0.1	-0.1	0.1	0.1	-0.2	27.08
	6	0.1	-0.1	0.1	0.1	-0.2	27.08
	6	0.1	-0.1	0.1	0.1	-0.2	28.63
	7	0.1	-0.2	0.1	0.1	-0.2	10.86
	7	0.1	-0.2	0.1	0.1	-0.2	11.44
	7	0.1	-0.2	0.1	0.1	-0.2	9.37
	7	0.1	-0.2	0.0	0.1	-0.2	9.04
	8	0.1	-0.2	-0.0	0.1	-0.2	-1.58
	8	0.2	-0.2	0.0	0.2	-0.2	1.30
	8	0.1	-0.3	-0.0	0.1	-0.3	-1.50
	8	0.1	-0.2	-0.0	0.1	-0.2	-6.21
	9	0.2	-0.2	-0.1	0.2	-0.2	-12.34
	9	0.3	-0.2	-0.1	0.3	-0.2	-8.15
	9	0.2	-0.2	-0.1	0.2	-0.3	-10.69
	9	0.2	-0.2	-0.1	0.2	-0.2	-16.65
	10	0.2	-0.2	-0.1	0.2	-0.2	-11.69
	10	0.2	-0.2	-0.1	0.3	-0.2	-7.24
	10	0.2	-0.3	-0.1	0.2	-0.3	-9.96
	10	0.2	-0.2	-0.1	0.2	-0.3	-16.47
	11	0.1	-0.1	0.0	0.1	-0.1	3.35
	11	0.2	-0.2	0.0	0.2	-0.2	4.92
	11	0.1	-0.2	0.0	0.1	-0.2	2.95
	11	0.1	-0.1	0.0	0.1	-0.1	1.28
	12	0.1	-0.1	0.0	0.1	-0.1	3.36
	12	0.2	-0.2	0.0	0.2	-0.2	4.93

	12	0.1	-0.2	0.0	0.1	-0.2	2.95
	12	0.1	-0.1	0.0	0.1	-0.1	1.28
	13	0.1	-0.1	0.0	0.1	-0.1	3.35
	13	0.2	-0.2	0.0	0.2	-0.2	4.92
	13	0.1	-0.2	0.0	0.1	-0.2	2.95
	13	0.1	-0.1	0.0	0.1	-0.1	1.28
	14	0.1	-0.1	0.0	0.1	-0.1	3.36
	14	0.2	-0.2	0.0	0.2	-0.2	4.94
	14	0.1	-0.2	0.0	0.1	-0.2	2.96
	14	0.1	-0.1	0.0	0.1	-0.1	1.29
	15	0.1	-0.1	0.0	0.1	-0.1	3.35
	15	0.2	-0.2	0.0	0.2	-0.2	4.92
	15	0.1	-0.2	0.0	0.1	-0.2	2.95
	15	0.1	-0.1	0.0	0.1	-0.1	1.28
	16	0.1	-0.1	0.0	0.1	-0.1	3.37
	16	0.2	-0.2	0.0	0.2	-0.2	4.94
	16	0.1	-0.2	0.0	0.1	-0.2	2.96
	16	0.1	-0.1	0.0	0.1	-0.1	1.29
472 521	1	0.2	-0.2	0.1	0.2	-0.2	7.92
	1	0.2	-0.3	0.1	0.3	-0.3	10.46
	1	0.2	-0.3	0.1	0.2	-0.3	10.13
	1	0.2	-0.2	0.0	0.2	-0.2	6.09
	2	0.3	-0.2	0.1	0.3	-0.2	7.94
	2	0.3	-0.3	0.1	0.3	-0.3	10.47
	2	0.2	-0.4	0.1	0.3	-0.4	10.13
	2	0.2	-0.3	0.1	0.2	-0.3	6.11
	3	0.2	-0.1	0.1	0.2	-0.1	11.23
	3	0.1	-0.1	0.1	0.2	-0.1	18.12
	3	0.1	-0.1	0.0	0.1	-0.1	10.07
	3	0.1	-0.1	0.0	0.2	-0.1	11.31
	4	0.2	-0.1	0.0	0.2	-0.1	1.86
	4	0.2	-0.1	0.0	0.2	-0.1	4.67
	4	0.2	-0.2	0.1	0.2	-0.2	12.78
	4	0.2	-0.1	0.0	0.2	-0.1	0.96
	5	0.1	-0.2	0.1	0.1	-0.2	20.32
	5	0.0	-0.1	0.2	0.1	-0.2	32.83
	5	0.1	-0.1	0.0	0.1	-0.1	2.44
	5	0.1	-0.1	0.1	0.1	-0.1	25.01
	6	0.1	-0.2	0.1	0.1	-0.3	19.92
	6	0.0	-0.2	0.2	0.1	-0.3	29.58
	6	0.1	-0.2	0.0	0.1	-0.2	3.18
	6	0.1	-0.1	0.1	0.1	-0.2	23.34
	7	0.1	-0.2	0.1	0.1	-0.3	12.38
	7	0.2	-0.3	0.1	0.2	-0.3	14.78
	7	0.2	-0.3	0.1	0.2	-0.3	8.00
	7	0.1	-0.2	0.1	0.1	-0.2	10.58
	8	0.2	-0.2	0.0	0.2	-0.2	5.52
	8	0.2	-0.3	0.1	0.3	-0.3	6.74
	8	0.2	-0.4	0.1	0.2	-0.4	10.15
	8	0.1	-0.3	0.0	0.1	-0.3	3.00
	9	0.3	-0.1	-0.0	0.3	-0.1	-5.67
	9	0.3	-0.3	-0.0	0.3	-0.3	-2.02
	9	0.2	-0.3	0.1	0.2	-0.3	13.25
	9	0.2	-0.2	-0.0	0.2	-0.2	-5.06
	10	0.3	-0.1	-0.0	0.3	-0.1	-4.00
	10	0.3	-0.3	-0.0	0.3	-0.3	-0.83
	10	0.2	-0.4	0.1	0.3	-0.4	12.49
	10	0.2	-0.3	-0.0	0.2	-0.3	-4.14
	11	0.2	-0.2	0.0	0.2	-0.2	7.93
	11	0.2	-0.2	0.1	0.2	-0.2	10.46
	11	0.2	-0.2	0.1	0.2	-0.2	10.13
	11	0.1	-0.2	0.0	0.2	-0.2	6.10
	12	0.2	-0.2	0.0	0.2	-0.2	7.94
	12	0.2	-0.2	0.1	0.2	-0.2	10.47
	12	0.2	-0.2	0.1	0.2	-0.2	10.13
	12	0.1	-0.2	0.0	0.2	-0.2	6.11
	13	0.2	-0.2	0.0	0.2	-0.2	7.93
	13	0.2	-0.2	0.1	0.2	-0.2	10.46
	13	0.2	-0.2	0.1	0.2	-0.2	10.13
	13	0.1	-0.2	0.0	0.2	-0.2	6.10
	14	0.2	-0.2	0.0	0.2	-0.2	7.95
	14	0.2	-0.2	0.1	0.2	-0.2	10.47
	14	0.2	-0.2	0.1	0.2	-0.2	10.13

	14	0.1	-0.2	0.0	0.2	-0.2	6.11
	15	0.2	-0.2	0.0	0.2	-0.2	7.93
	15	0.2	-0.2	0.1	0.2	-0.2	10.46
	15	0.2	-0.2	0.1	0.2	-0.2	10.13
	15	0.1	-0.2	0.0	0.2	-0.2	6.10
	16	0.2	-0.2	0.0	0.2	-0.2	7.96
	16	0.2	-0.2	0.1	0.2	-0.2	10.48
	16	0.2	-0.2	0.1	0.2	-0.2	10.13
	16	0.1	-0.2	0.0	0.2	-0.2	6.11
259 538	1	0.2	-0.2	-0.0	0.2	-0.2	-0.18
	1	0.1	-0.2	0.0	0.1	-0.2	0.71
	1	0.1	-0.2	0.0	0.1	-0.2	1.87
	1	0.1	-0.2	0.0	0.1	-0.2	3.49
	2	0.2	-0.3	-0.0	0.2	-0.3	-0.19
	2	0.2	-0.2	0.0	0.2	-0.2	0.70
	2	0.1	-0.2	0.0	0.1	-0.2	1.85
	2	0.1	-0.3	0.0	0.1	-0.3	3.47
	3	0.2	-0.2	0.0	0.2	-0.2	5.36
	3	0.1	-0.1	0.0	0.1	-0.1	8.55
	3	0.1	-0.1	0.0	0.1	-0.1	10.05
	3	0.1	-0.2	0.0	0.1	-0.2	9.04
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.53
	4	0.1	-0.1	-0.0	0.1	-0.1	-11.85
	4	0.1	-0.1	-0.0	0.1	-0.1	-13.66
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.96
	5	0.2	-0.3	0.1	0.2	-0.3	13.83
	5	0.1	-0.2	0.1	0.2	-0.3	19.85
	5	0.1	-0.2	0.2	0.1	-0.3	23.82
	5	0.1	-0.3	0.1	0.1	-0.3	19.66
	6	0.2	-0.3	0.1	0.2	-0.3	13.54
	6	0.1	-0.2	0.1	0.2	-0.3	19.75
	6	0.0	-0.2	0.2	0.1	-0.3	24.04
	6	0.0	-0.3	0.2	0.1	-0.4	19.59
	7	0.1	-0.3	0.0	0.1	-0.3	5.82
	7	0.1	-0.2	0.1	0.1	-0.2	9.43
	7	0.0	-0.2	0.1	0.1	-0.2	13.27
	7	0.0	-0.3	0.1	0.1	-0.3	11.51
	8	0.1	-0.2	-0.0	0.1	-0.2	-5.98
	8	0.1	-0.2	-0.0	0.1	-0.2	-8.20
	8	0.1	-0.2	-0.0	0.1	-0.2	-7.26
	8	0.1	-0.2	-0.0	0.1	-0.2	-2.10
	9	0.1	-0.1	-0.1	0.1	-0.1	-30.13
	9	0.1	-0.1	-0.1	0.2	-0.2	-31.45
	9	0.1	-0.0	-0.1	0.2	-0.1	-31.37
	9	0.1	-0.0	-0.1	0.2	-0.1	-29.60
	10	0.1	-0.1	-0.1	0.1	-0.2	-27.78
	10	0.1	-0.1	-0.1	0.1	-0.2	-30.42
	10	0.1	-0.1	-0.1	0.2	-0.2	-30.28
	10	0.1	-0.1	-0.1	0.2	-0.1	-26.70
	11	0.1	-0.2	-0.0	0.1	-0.2	-0.18
	11	0.1	-0.2	0.0	0.1	-0.2	0.70
	11	0.1	-0.1	0.0	0.1	-0.1	1.86
	11	0.1	-0.2	0.0	0.1	-0.2	3.48
	12	0.1	-0.2	-0.0	0.1	-0.2	-0.19
	12	0.1	-0.2	0.0	0.1	-0.2	0.70
	12	0.1	-0.1	0.0	0.1	-0.1	1.85
	12	0.1	-0.2	0.0	0.1	-0.2	3.47
	13	0.1	-0.2	-0.0	0.1	-0.2	-0.18
	13	0.1	-0.2	0.0	0.1	-0.2	0.70
	13	0.1	-0.1	0.0	0.1	-0.1	1.86
	13	0.1	-0.2	0.0	0.1	-0.2	3.48
	14	0.1	-0.2	-0.0	0.1	-0.2	-0.19
	14	0.1	-0.2	0.0	0.1	-0.2	0.69
	14	0.1	-0.1	0.0	0.1	-0.1	1.85
	14	0.1	-0.2	0.0	0.1	-0.2	3.46
	15	0.1	-0.2	-0.0	0.1	-0.2	-0.18
	15	0.1	-0.2	0.0	0.1	-0.2	0.70
	15	0.1	-0.1	0.0	0.1	-0.1	1.86
	15	0.1	-0.2	0.0	0.1	-0.2	3.48
	16	0.1	-0.2	-0.0	0.1	-0.2	-0.19
	16	0.1	-0.2	0.0	0.1	-0.2	0.69
	16	0.1	-0.1	0.0	0.1	-0.1	1.84
	16	0.1	-0.2	0.0	0.1	-0.2	3.46

308 362	1	0.1	-0.2	0.0	0.1	-0.2	0.29
	1	0.1	-0.2	0.0	0.1	-0.2	0.14
	1	0.1	-0.2	0.0	0.1	-0.2	0.13
	1	0.1	-0.2	0.0	0.1	-0.2	0.41
	2	0.1	-0.2	0.0	0.1	-0.2	0.28
	2	0.1	-0.2	0.0	0.1	-0.2	0.13
	2	0.1	-0.2	0.0	0.1	-0.2	0.12
	2	0.1	-0.2	0.0	0.1	-0.2	0.40
	3	0.1	-0.1	0.0	0.1	-0.1	9.46
	3	0.1	-0.1	0.0	0.1	-0.1	10.76
	3	0.1	-0.1	0.0	0.1	-0.1	11.35
	3	0.1	-0.1	0.0	0.1	-0.1	10.06
	4	0.1	-0.1	-0.0	0.1	-0.1	-12.15
	4	0.1	-0.1	-0.0	0.1	-0.1	-11.51
	4	0.1	-0.1	-0.0	0.1	-0.1	-12.37
	4	0.1	-0.1	-0.1	0.1	-0.1	-13.59
	5	0.1	-0.2	0.2	0.2	-0.2	22.66
	5	0.1	-0.1	0.2	0.2	-0.2	25.95
	5	0.1	-0.1	0.2	0.2	-0.2	27.48
	5	0.1	-0.2	0.2	0.1	-0.3	25.22
	6	0.1	-0.2	0.2	0.2	-0.3	22.72
	6	0.1	-0.2	0.2	0.2	-0.2	26.09
	6	0.1	-0.2	0.2	0.1	-0.2	27.84
	6	0.1	-0.2	0.2	0.1	-0.3	25.56
	7	0.1	-0.2	0.0	0.1	-0.2	10.51
	7	0.1	-0.2	0.0	0.1	-0.2	11.47
	7	0.0	-0.2	0.0	0.1	-0.2	12.98
	7	0.0	-0.2	0.1	0.1	-0.2	12.85
	8	0.1	-0.2	-0.0	0.1	-0.2	-10.11
	8	0.1	-0.2	-0.0	0.1	-0.2	-11.22
	8	0.0	-0.2	-0.0	0.1	-0.2	-12.17
	8	0.0	-0.2	-0.0	0.1	-0.2	-10.46
	9	0.1	-0.1	-0.2	0.2	-0.2	-30.35
	9	0.1	-0.1	-0.2	0.2	-0.2	-28.08
	9	0.1	-0.1	-0.2	0.2	-0.2	-28.83
	9	0.1	-0.1	-0.2	0.2	-0.2	-30.54
	10	0.1	-0.1	-0.1	0.2	-0.2	-29.97
	10	0.1	-0.1	-0.2	0.2	-0.2	-28.11
	10	0.1	-0.1	-0.2	0.2	-0.2	-29.00
	10	0.1	-0.1	-0.2	0.2	-0.2	-30.21
	11	0.1	-0.1	0.0	0.1	-0.1	0.28
	11	0.1	-0.1	0.0	0.1	-0.1	0.14
	11	0.1	-0.1	0.0	0.1	-0.1	0.13
	11	0.1	-0.1	0.0	0.1	-0.1	0.41
	12	0.1	-0.1	0.0	0.1	-0.1	0.28
	12	0.1	-0.1	0.0	0.1	-0.1	0.13
	12	0.1	-0.1	0.0	0.1	-0.1	0.12
	12	0.1	-0.1	0.0	0.1	-0.1	0.40
	13	0.1	-0.1	0.0	0.1	-0.1	0.28
	13	0.1	-0.1	0.0	0.1	-0.1	0.14
	13	0.1	-0.1	0.0	0.1	-0.1	0.13
	13	0.1	-0.1	0.0	0.1	-0.1	0.41
	14	0.1	-0.1	0.0	0.1	-0.1	0.27
	14	0.1	-0.1	0.0	0.1	-0.1	0.13
	14	0.1	-0.1	0.0	0.1	-0.1	0.12
	14	0.1	-0.1	0.0	0.1	-0.1	0.40
	15	0.1	-0.1	0.0	0.1	-0.1	0.28
	15	0.1	-0.1	0.0	0.1	-0.1	0.14
	15	0.1	-0.1	0.0	0.1	-0.1	0.13
	15	0.1	-0.1	0.0	0.1	-0.1	0.41
	16	0.1	-0.1	0.0	0.1	-0.1	0.27
	16	0.1	-0.1	0.0	0.1	-0.1	0.13
	16	0.1	-0.1	0.0	0.1	-0.1	0.12
	16	0.1	-0.1	0.0	0.1	-0.1	0.39
542 410	1	0.1	-0.2	-0.0	0.1	-0.2	-0.14
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.29
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.41
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.13
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.13
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.28
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.40
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.12

	3	0.1	-0.1	0.0	0.1	-0.1	11.51
	3	0.1	-0.1	0.0	0.1	-0.1	12.15
	3	0.1	-0.1	0.1	0.1	-0.1	13.59
	3	0.1	-0.1	0.0	0.1	-0.1	12.37
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.76
	4	0.1	-0.1	-0.0	0.1	-0.1	-9.46
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.06
	4	0.1	-0.1	-0.0	0.1	-0.1	-11.35
	5	0.1	-0.1	0.2	0.2	-0.2	28.08
	5	0.1	-0.1	0.2	0.2	-0.2	30.35
	5	0.1	-0.1	0.2	0.2	-0.2	30.54
	5	0.1	-0.1	0.2	0.2	-0.2	28.83
	6	0.1	-0.1	0.2	0.2	-0.2	28.11
	6	0.1	-0.1	0.1	0.2	-0.2	29.97
	6	0.1	-0.1	0.2	0.2	-0.2	30.21
	6	0.1	-0.1	0.2	0.2	-0.2	29.00
	7	0.1	-0.2	0.0	0.1	-0.2	11.22
	7	0.1	-0.2	0.0	0.1	-0.2	10.11
	7	0.0	-0.2	0.0	0.1	-0.2	10.46
	7	0.0	-0.2	0.0	0.1	-0.2	12.17
	8	0.1	-0.2	-0.0	0.1	-0.2	-11.47
	8	0.1	-0.2	-0.0	0.1	-0.2	-10.51
	8	0.0	-0.2	-0.1	0.1	-0.2	-12.85
	8	0.0	-0.2	-0.0	0.1	-0.2	-12.98
	9	0.1	-0.1	-0.2	0.2	-0.2	-25.95
	9	0.1	-0.2	-0.2	0.2	-0.2	-22.66
	9	0.1	-0.2	-0.2	0.1	-0.3	-25.22
	9	0.1	-0.1	-0.2	0.2	-0.2	-27.48
	10	0.1	-0.2	-0.2	0.2	-0.2	-26.09
	10	0.1	-0.2	-0.2	0.2	-0.3	-22.72
	10	0.1	-0.2	-0.2	0.1	-0.3	-25.56
	10	0.1	-0.2	-0.2	0.1	-0.2	-27.84
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.14
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.28
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.41
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.28
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.40
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.12
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.14
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.28
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.41
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.27
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.40
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.12
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.14
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.28
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.41
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.27
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.39
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.12
412 551	1	0.1	-0.2	-0.0	0.1	-0.2	-0.71
	1	0.2	-0.2	0.0	0.2	-0.2	0.18
	1	0.1	-0.2	-0.0	0.1	-0.2	-3.49
	1	0.1	-0.2	-0.0	0.1	-0.2	-1.87
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.70
	2	0.2	-0.3	0.0	0.2	-0.3	0.19
	2	0.1	-0.3	-0.0	0.1	-0.3	-3.47
	2	0.1	-0.2	-0.0	0.1	-0.2	-1.85
	3	0.1	-0.1	0.0	0.1	-0.1	11.85
	3	0.1	-0.1	0.0	0.1	-0.1	10.53
	3	0.1	-0.1	0.0	0.1	-0.1	10.96
	3	0.1	-0.1	0.0	0.1	-0.1	13.66
	4	0.1	-0.1	-0.0	0.1	-0.1	-8.55
	4	0.2	-0.2	-0.0	0.2	-0.2	-5.36
	4	0.1	-0.2	-0.0	0.1	-0.2	-9.04
	4	0.1	-0.1	-0.0	0.1	-0.1	-10.05
	5	0.1	-0.1	0.1	0.2	-0.2	31.45

	5	0.1	-0.1	0.1	0.1	-0.1	30.13
	5	0.1	-0.0	0.1	0.2	-0.1	29.60
	5	0.1	-0.0	0.1	0.2	-0.1	31.37
	6	0.1	-0.1	0.1	0.1	-0.2	30.42
	6	0.1	-0.1	0.1	0.1	-0.2	27.78
	6	0.1	-0.1	0.1	0.2	-0.1	26.70
	6	0.1	-0.1	0.1	0.2	-0.2	30.28
	7	0.1	-0.2	0.0	0.1	-0.2	8.20
	7	0.1	-0.2	0.0	0.1	-0.2	5.98
	7	0.1	-0.2	0.0	0.1	-0.2	2.10
	7	0.1	-0.2	0.0	0.1	-0.2	7.26
	8	0.1	-0.2	-0.1	0.1	-0.2	-9.43
	8	0.1	-0.3	-0.0	0.1	-0.3	-5.82
	8	0.0	-0.3	-0.1	0.1	-0.3	-11.51
	8	0.0	-0.2	-0.1	0.1	-0.2	-13.27
	9	0.1	-0.2	-0.1	0.2	-0.3	-19.85
	9	0.2	-0.3	-0.1	0.2	-0.3	-13.83
	9	0.1	-0.3	-0.1	0.1	-0.3	-19.66
	9	0.1	-0.2	-0.2	0.1	-0.3	-23.82
	10	0.1	-0.2	-0.1	0.2	-0.3	-19.75
	10	0.2	-0.3	-0.1	0.2	-0.3	-13.54
	10	0.0	-0.3	-0.2	0.1	-0.4	-19.59
	10	0.0	-0.2	-0.2	0.1	-0.3	-24.04
	11	0.1	-0.2	-0.0	0.1	-0.2	-0.70
	11	0.1	-0.2	0.0	0.1	-0.2	0.18
	11	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	11	0.1	-0.1	-0.0	0.1	-0.1	-1.86
	12	0.1	-0.2	-0.0	0.1	-0.2	-0.70
	12	0.1	-0.2	0.0	0.1	-0.2	0.19
	12	0.1	-0.2	-0.0	0.1	-0.2	-3.47
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.85
	13	0.1	-0.2	-0.0	0.1	-0.2	-0.70
	13	0.1	-0.2	0.0	0.1	-0.2	0.18
	13	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	13	0.1	-0.1	-0.0	0.1	-0.1	-1.86
	14	0.1	-0.2	-0.0	0.1	-0.2	-0.69
	14	0.1	-0.2	0.0	0.1	-0.2	0.19
	14	0.1	-0.2	-0.0	0.1	-0.2	-3.46
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.85
	15	0.1	-0.2	-0.0	0.1	-0.2	-0.70
	15	0.1	-0.2	0.0	0.1	-0.2	0.18
	15	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	15	0.1	-0.1	-0.0	0.1	-0.1	-1.86
	16	0.1	-0.2	-0.0	0.1	-0.2	-0.69
	16	0.1	-0.2	0.0	0.1	-0.2	0.19
	16	0.1	-0.2	-0.0	0.1	-0.2	-3.46
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.84
470 519	1	0.2	-0.3	0.0	0.2	-0.3	1.35
	1	0.2	-0.3	0.1	0.3	-0.4	7.95
	1	0.2	-0.4	-0.0	0.2	-0.4	-1.82
	1	0.1	-0.3	-0.0	0.1	-0.3	-5.23
	2	0.2	-0.3	0.0	0.2	-0.3	1.36
	2	0.3	-0.4	0.1	0.3	-0.4	7.93
	2	0.2	-0.5	-0.0	0.2	-0.5	-1.83
	2	0.1	-0.3	-0.0	0.1	-0.3	-5.23
	3	0.1	-0.1	0.0	0.1	-0.1	9.36
	3	0.1	-0.1	0.1	0.1	-0.2	12.27
	3	0.1	-0.1	0.0	0.1	-0.1	0.46
	3	0.1	-0.1	0.0	0.1	-0.1	5.86
	4	0.2	-0.2	-0.0	0.2	-0.2	-2.16
	4	0.2	-0.2	0.1	0.2	-0.2	7.10
	4	0.1	-0.3	-0.0	0.1	-0.3	-2.61
	4	0.1	-0.2	-0.1	0.1	-0.2	-10.13
	5	0.1	-0.1	0.1	0.1	-0.1	28.06
	5	0.0	-0.1	0.1	0.1	-0.2	21.64
	5	0.2	-0.1	0.0	0.2	-0.1	4.96
	5	0.1	-0.0	0.1	0.2	-0.1	25.06
	6	0.1	-0.1	0.1	0.1	-0.2	24.46
	6	0.0	-0.2	0.1	0.1	-0.2	17.75
	6	0.2	-0.2	0.0	0.2	-0.2	3.42
	6	0.1	-0.1	0.1	0.2	-0.1	21.04
	7	0.1	-0.3	0.0	0.1	-0.3	4.90
	7	0.2	-0.3	0.1	0.2	-0.3	8.63

	7	0.1	-0.4	-0.0	0.1	-0.4	-1.19
	7	0.1	-0.3	-0.0	0.1	-0.3	-0.76
	8	0.1	-0.3	-0.0	0.1	-0.3	-2.78
	8	0.2	-0.4	0.1	0.2	-0.4	5.90
	8	0.1	-0.5	-0.0	0.1	-0.5	-3.04
	8	0.1	-0.3	-0.1	0.1	-0.4	-10.58
	9	0.2	-0.3	-0.1	0.2	-0.3	-8.15
	9	0.3	-0.3	0.0	0.3	-0.3	4.10
	9	0.1	-0.5	-0.0	0.1	-0.5	-4.64
	9	0.1	-0.4	-0.2	0.1	-0.4	-17.81
	10	0.2	-0.4	-0.1	0.2	-0.4	-7.95
	10	0.3	-0.4	0.1	0.3	-0.4	4.04
	10	0.1	-0.5	-0.0	0.1	-0.5	-4.58
	10	0.1	-0.4	-0.2	0.1	-0.4	-17.37
	11	0.1	-0.2	0.0	0.1	-0.2	1.35
	11	0.2	-0.3	0.1	0.2	-0.3	7.94
	11	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	11	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	12	0.1	-0.2	0.0	0.1	-0.2	1.36
	12	0.2	-0.3	0.1	0.2	-0.3	7.93
	12	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	12	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	13	0.1	-0.2	0.0	0.1	-0.2	1.35
	13	0.2	-0.3	0.1	0.2	-0.3	7.94
	13	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	13	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	14	0.1	-0.2	0.0	0.1	-0.2	1.36
	14	0.2	-0.3	0.1	0.2	-0.3	7.92
	14	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	14	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	15	0.1	-0.2	0.0	0.1	-0.2	1.35
	15	0.2	-0.3	0.1	0.2	-0.3	7.94
	15	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	15	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	16	0.1	-0.2	0.0	0.1	-0.2	1.36
	16	0.2	-0.3	0.1	0.2	-0.3	7.91
	16	0.1	-0.3	-0.0	0.1	-0.3	-1.84
	16	0.1	-0.2	-0.0	0.1	-0.2	-5.23
257 305	1	0.1	-0.2	0.0	0.1	-0.2	2.74
	1	0.1	-0.2	0.0	0.1	-0.2	0.37
	1	0.1	-0.2	-0.0	0.1	-0.2	-3.47
	1	0.1	-0.2	-0.0	0.1	-0.2	-4.12
	2	0.1	-0.2	0.0	0.1	-0.2	2.73
	2	0.1	-0.2	0.0	0.1	-0.2	0.35
	2	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.12
	3	0.1	-0.1	0.0	0.1	-0.1	7.02
	3	0.1	-0.1	0.0	0.1	-0.1	7.51
	3	0.1	-0.1	0.0	0.1	-0.1	0.41
	3	0.0	-0.1	-0.0	0.0	-0.1	-4.88
	4	0.1	-0.1	-0.1	0.1	-0.1	-16.38
	4	0.1	-0.1	-0.1	0.1	-0.1	-15.69
	4	0.1	-0.1	-0.1	0.1	-0.1	-15.62
	4	0.1	-0.0	-0.1	0.1	-0.1	-19.89
	5	-0.0	-0.3	0.1	0.0	-0.3	21.81
	5	0.0	-0.2	0.1	0.1	-0.3	24.21
	5	-0.0	-0.2	0.1	0.0	-0.3	19.46
	5	-0.1	-0.3	0.1	-0.0	-0.3	15.60
	6	-0.0	-0.3	0.1	0.0	-0.4	22.30
	6	0.0	-0.2	0.1	0.1	-0.3	24.93
	6	-0.0	-0.2	0.1	0.0	-0.3	21.15
	6	-0.1	-0.3	0.1	-0.1	-0.3	18.01
	7	0.0	-0.3	0.1	0.0	-0.3	14.17
	7	0.0	-0.2	0.1	0.0	-0.2	13.98
	7	0.0	-0.2	0.0	0.0	-0.2	9.79
	7	-0.0	-0.2	0.0	-0.0	-0.2	10.26
	8	0.0	-0.2	-0.0	0.0	-0.2	-1.31
	8	0.0	-0.1	-0.0	0.1	-0.1	-7.41
	8	0.1	-0.1	-0.0	0.1	-0.1	-7.47
	8	0.1	-0.1	-0.0	0.1	-0.1	-3.41
	9	0.1	-0.0	-0.1	0.2	-0.1	-31.09
	9	0.1	-0.0	-0.1	0.2	-0.1	-30.61
	9	0.2	-0.0	-0.1	0.2	-0.1	-25.90

	9	0.2	0.0	-0.1	0.2	-0.0	-27.42
	10	0.1	-0.0	-0.1	0.2	-0.1	-27.91
	10	0.1	-0.1	-0.1	0.2	-0.1	-29.55
	10	0.1	-0.0	-0.1	0.2	-0.1	-24.73
	10	0.2	0.0	-0.1	0.2	-0.0	-24.18
	11	0.1	-0.2	0.0	0.1	-0.2	2.74
	11	0.1	-0.1	0.0	0.1	-0.1	0.36
	11	0.1	-0.1	-0.0	0.1	-0.1	-3.48
	11	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	12	0.1	-0.2	0.0	0.1	-0.2	2.73
	12	0.1	-0.1	0.0	0.1	-0.1	0.35
	12	0.1	-0.1	-0.0	0.1	-0.1	-3.48
	12	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	13	0.1	-0.2	0.0	0.1	-0.2	2.74
	13	0.1	-0.1	0.0	0.1	-0.1	0.36
	13	0.1	-0.1	-0.0	0.1	-0.1	-3.48
	13	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	14	0.1	-0.2	0.0	0.1	-0.2	2.73
	14	0.1	-0.1	0.0	0.1	-0.1	0.34
	14	0.1	-0.1	-0.0	0.1	-0.1	-3.49
	14	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	15	0.1	-0.2	0.0	0.1	-0.2	2.74
	15	0.1	-0.1	0.0	0.1	-0.1	0.36
	15	0.1	-0.1	-0.0	0.1	-0.1	-3.48
	15	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	16	0.1	-0.2	0.0	0.1	-0.2	2.72
	16	0.1	-0.1	0.0	0.1	-0.1	0.34
	16	0.1	-0.1	-0.0	0.1	-0.1	-3.49
	16	0.1	-0.1	-0.0	0.1	-0.1	-4.12
538 360	1	0.1	-0.2	-0.0	0.1	-0.2	-0.76
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.25
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.76
	1	0.1	-0.2	-0.0	0.1	-0.2	-2.60
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.78
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.26
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.76
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.61
	3	0.1	-0.1	0.0	0.1	-0.1	8.11
	3	0.1	-0.1	0.0	0.1	-0.1	10.14
	3	0.1	-0.1	0.0	0.1	-0.1	6.98
	3	0.1	-0.1	0.0	0.1	-0.1	3.53
	4	0.1	-0.1	-0.1	0.1	-0.1	-14.27
	4	0.1	-0.1	-0.0	0.1	-0.1	-11.94
	4	0.1	-0.1	-0.0	0.1	-0.1	-9.63
	4	0.1	-0.1	-0.1	0.1	-0.1	-12.80
	5	0.0	-0.2	0.1	0.1	-0.2	24.98
	5	0.1	-0.1	0.1	0.1	-0.2	26.70
	5	0.1	-0.1	0.1	0.1	-0.2	22.52
	5	0.0	-0.2	0.1	0.1	-0.2	20.71
	6	0.0	-0.2	0.1	0.1	-0.3	25.67
	6	0.1	-0.2	0.1	0.1	-0.2	27.27
	6	0.1	-0.2	0.1	0.1	-0.2	23.23
	6	0.0	-0.2	0.1	0.1	-0.2	21.85
	7	0.0	-0.2	0.0	0.0	-0.2	12.64
	7	0.0	-0.2	0.0	0.0	-0.2	12.46
	7	0.0	-0.2	0.0	0.1	-0.2	9.27
	7	0.0	-0.2	0.0	0.0	-0.2	8.87
	8	0.0	-0.1	-0.0	0.1	-0.1	-10.60
	8	0.0	-0.1	-0.0	0.1	-0.2	-11.82
	8	0.1	-0.1	-0.0	0.1	-0.1	-9.27
	8	0.1	-0.1	-0.0	0.1	-0.1	-9.11
	9	0.1	-0.1	-0.1	0.2	-0.2	-29.51
	9	0.1	-0.1	-0.1	0.2	-0.2	-27.81
	9	0.1	-0.1	-0.1	0.2	-0.2	-23.48
	9	0.1	-0.1	-0.1	0.2	-0.1	-24.86
	10	0.1	-0.1	-0.1	0.2	-0.2	-29.25
	10	0.1	-0.1	-0.1	0.2	-0.2	-28.10
	10	0.1	-0.1	-0.1	0.1	-0.2	-23.76
	10	0.1	-0.1	-0.1	0.2	-0.1	-24.53
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.25
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.61

	12	0.1	-0.1	-0.0	0.1	-0.1	-0.78
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.26
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.61
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.25
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.61
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.78
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.26
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.61
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.77
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.25
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.61
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.79
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.26
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.76
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.62
410 453	1	0.1	-0.2	-0.0	0.1	-0.2	-0.37
	1	0.1	-0.2	-0.0	0.1	-0.2	-2.74
	1	0.1	-0.2	0.0	0.1	-0.2	4.12
	1	0.1	-0.2	0.0	0.1	-0.2	3.47
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.35
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.73
	2	0.1	-0.2	0.0	0.1	-0.2	4.12
	2	0.1	-0.2	0.0	0.1	-0.2	3.48
	3	0.1	-0.1	0.1	0.1	-0.1	15.69
	3	0.1	-0.1	0.1	0.1	-0.1	16.38
	3	0.1	-0.0	0.1	0.1	-0.1	19.89
	3	0.1	-0.1	0.1	0.1	-0.1	15.62
	4	0.1	-0.1	-0.0	0.1	-0.1	-7.51
	4	0.1	-0.1	-0.0	0.1	-0.1	-7.02
	4	0.0	-0.1	0.0	0.0	-0.1	4.88
	4	0.1	-0.1	-0.0	0.1	-0.1	-0.41
	5	0.1	-0.0	0.1	0.2	-0.1	30.61
	5	0.1	-0.0	0.1	0.2	-0.1	31.09
	5	0.2	0.0	0.1	0.2	-0.0	27.42
	5	0.2	-0.0	0.1	0.2	-0.1	25.90
	6	0.1	-0.1	0.1	0.2	-0.1	29.55
	6	0.1	-0.0	0.1	0.2	-0.1	27.91
	6	0.2	0.0	0.1	0.2	-0.0	24.18
	6	0.1	-0.0	0.1	0.2	-0.1	24.73
	7	0.0	-0.1	0.0	0.1	-0.1	7.41
	7	0.0	-0.2	0.0	0.0	-0.2	1.31
	7	0.1	-0.1	0.0	0.1	-0.1	3.41
	7	0.1	-0.1	0.0	0.1	-0.1	7.47
	8	0.0	-0.2	-0.1	0.0	-0.2	-13.98
	8	0.0	-0.3	-0.1	0.0	-0.3	-14.17
	8	-0.0	-0.2	-0.0	-0.0	-0.2	-10.26
	8	0.0	-0.2	-0.0	0.0	-0.2	-9.79
	9	0.0	-0.2	-0.1	0.1	-0.3	-24.21
	9	-0.0	-0.3	-0.1	0.0	-0.3	-21.81
	9	-0.1	-0.3	-0.1	-0.0	-0.3	-15.60
	9	-0.0	-0.2	-0.1	0.0	-0.3	-19.45
	10	0.0	-0.2	-0.1	0.1	-0.3	-24.93
	10	-0.0	-0.3	-0.1	0.0	-0.4	-22.30
	10	-0.1	-0.3	-0.1	-0.1	-0.3	-18.01
	10	-0.0	-0.2	-0.1	0.0	-0.3	-21.15
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.36
	11	0.1	-0.2	-0.0	0.1	-0.2	-2.74
	11	0.1	-0.1	0.0	0.1	-0.1	4.12
	11	0.1	-0.1	0.0	0.1	-0.1	3.48
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.35
	12	0.1	-0.2	-0.0	0.1	-0.2	-2.73
	12	0.1	-0.1	0.0	0.1	-0.1	4.12
	12	0.1	-0.1	0.0	0.1	-0.1	3.48
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.36
	13	0.1	-0.2	-0.0	0.1	-0.2	-2.74
	13	0.1	-0.1	0.0	0.1	-0.1	4.12
	13	0.1	-0.1	0.0	0.1	-0.1	3.48
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.34

	14	0.1	-0.2	-0.0	0.1	-0.2	-2.73
	14	0.1	-0.1	0.0	0.1	-0.1	4.12
	14	0.1	-0.1	0.0	0.1	-0.1	3.49
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.36
	15	0.1	-0.2	-0.0	0.1	-0.2	-2.74
	15	0.1	-0.1	0.0	0.1	-0.1	4.12
	15	0.1	-0.1	0.0	0.1	-0.1	3.48
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.34
	16	0.1	-0.2	-0.0	0.1	-0.2	-2.72
	16	0.1	-0.1	0.0	0.1	-0.1	4.12
	16	0.1	-0.1	0.0	0.1	-0.1	3.49
551 517	1	0.0	-0.3	-0.1	0.1	-0.3	-10.84
	1	0.1	-0.5	-0.0	0.1	-0.5	-2.11
	1	-0.0	-0.5	-0.2	0.0	-0.6	-16.64
	1	0.0	-0.2	-0.0	0.0	-0.2	-5.17
	2	0.1	-0.3	-0.1	0.1	-0.3	-10.82
	2	0.1	-0.5	-0.0	0.1	-0.5	-2.16
	2	-0.0	-0.6	-0.2	0.0	-0.6	-16.64
	2	0.0	-0.2	-0.0	0.1	-0.2	-5.21
	3	0.1	-0.1	0.0	0.1	-0.1	5.13
	3	0.1	-0.2	0.0	0.1	-0.2	1.98
	3	0.1	-0.1	-0.1	0.1	-0.2	-20.46
	3	0.1	-0.0	0.0	0.1	-0.0	18.55
	4	0.0	-0.2	-0.1	0.0	-0.2	-13.31
	4	0.1	-0.3	-0.0	0.1	-0.3	-1.67
	4	-0.1	-0.3	-0.1	-0.0	-0.4	-12.32
	4	0.0	-0.2	0.0	0.0	-0.2	1.74
	5	0.1	0.0	0.1	0.2	-0.0	24.41
	5	0.2	-0.1	0.0	0.2	-0.1	4.75
	5	0.2	0.0	-0.1	0.3	-0.1	-28.84
	5	0.2	0.1	0.1	0.2	0.1	24.17
	6	0.1	-0.0	0.1	0.1	-0.1	17.09
	6	0.2	-0.1	0.0	0.2	-0.1	2.30
	6	0.2	-0.1	-0.2	0.2	-0.2	-26.22
	6	0.2	0.0	0.0	0.2	0.0	14.86
	7	0.0	-0.2	-0.0	0.0	-0.2	-8.73
	7	0.1	-0.4	-0.0	0.1	-0.4	-2.61
	7	0.0	-0.4	-0.2	0.1	-0.5	-18.96
	7	0.1	-0.2	-0.0	0.1	-0.2	-10.08
	8	-0.0	-0.3	-0.1	0.0	-0.4	-16.75
	8	0.0	-0.6	-0.0	0.0	-0.6	-4.38
	8	-0.1	-0.7	-0.2	-0.0	-0.7	-15.19
	8	-0.0	-0.3	-0.1	-0.0	-0.3	-17.03
	9	-0.1	-0.4	-0.1	0.0	-0.4	-21.55
	9	-0.1	-0.6	-0.0	-0.0	-0.6	-5.08
	9	-0.2	-0.7	-0.1	-0.2	-0.7	-9.08
	9	-0.1	-0.4	-0.1	-0.1	-0.4	-17.11
	10	-0.1	-0.4	-0.2	0.0	-0.5	-21.57
	10	-0.1	-0.6	-0.1	-0.1	-0.6	-5.51
	10	-0.2	-0.8	-0.1	-0.2	-0.8	-10.49
	10	-0.1	-0.4	-0.1	-0.1	-0.4	-19.67
	11	0.0	-0.2	-0.0	0.0	-0.2	-10.83
	11	0.1	-0.4	-0.0	0.1	-0.4	-2.14
	11	-0.0	-0.4	-0.1	0.0	-0.4	-16.64
	11	0.0	-0.2	-0.0	0.0	-0.2	-5.19
	12	0.0	-0.2	-0.0	0.0	-0.2	-10.82
	12	0.1	-0.4	-0.0	0.1	-0.4	-2.16
	12	-0.0	-0.4	-0.1	0.0	-0.4	-16.64
	12	0.0	-0.2	-0.0	0.0	-0.2	-5.21
	13	0.0	-0.2	-0.0	0.0	-0.2	-10.83
	13	0.1	-0.4	-0.0	0.1	-0.4	-2.14
	13	-0.0	-0.4	-0.1	0.0	-0.4	-16.64
	13	0.0	-0.2	-0.0	0.0	-0.2	-5.19
	14	0.0	-0.2	-0.0	0.0	-0.2	-10.81
	14	0.1	-0.4	-0.0	0.1	-0.4	-2.18
	14	-0.0	-0.4	-0.1	0.0	-0.4	-16.64
	14	0.0	-0.2	-0.0	0.0	-0.2	-5.22
	15	0.0	-0.2	-0.0	0.0	-0.2	-10.83
	15	0.1	-0.4	-0.0	0.1	-0.4	-2.14
	15	-0.0	-0.4	-0.1	0.0	-0.4	-16.64
	15	0.0	-0.2	-0.0	0.0	-0.2	-5.19
	16	0.0	-0.2	-0.0	0.0	-0.2	-10.81
	16	0.1	-0.4	-0.0	0.1	-0.4	-2.20

	16	-0.0	-0.4	-0.1	0.0	-0.4	-16.65
	16	0.0	-0.2	-0.0	0.0	-0.2	-5.23
453 515	1	0.1	-0.1	0.0	0.1	-0.1	4.34
	1	0.1	0.0	-0.2	0.2	-0.1	-41.56
	1	0.1	0.1	-0.1	0.0	0.1	32.81
	1	0.1	-0.2	0.0	0.1	-0.2	4.58
	2	0.1	-0.2	0.0	0.1	-0.2	4.28
	2	0.1	0.0	-0.2	0.2	-0.1	-41.38
	2	0.1	0.1	-0.1	0.0	0.2	33.24
	2	0.1	-0.2	0.0	0.1	-0.2	4.57
	3	0.1	0.0	0.1	0.2	-0.0	26.39
	3	0.1	0.3	-0.1	0.1	0.3	18.41
	3	0.1	0.3	0.0	0.1	0.3	-5.27
	3	0.2	0.0	0.1	0.2	-0.0	21.93
	4	0.0	-0.1	0.0	0.0	-0.1	16.30
	4	-0.0	0.0	-0.0	-0.0	0.1	32.59
	4	-0.0	0.1	0.0	-0.0	0.1	-20.32
	4	0.1	-0.1	0.1	0.1	-0.2	15.40
	5	0.2	0.2	0.1	0.3	0.1	28.90
	5	0.3	0.5	-0.1	0.2	0.5	25.67
	5	0.3	0.6	-0.1	0.3	0.6	14.03
	5	0.3	0.2	0.1	0.3	0.1	21.03
	6	0.2	0.1	0.0	0.2	0.1	18.51
	6	0.3	0.4	-0.2	0.2	0.5	35.61
	6	0.3	0.5	-0.1	0.2	0.5	26.12
	6	0.3	0.1	0.0	0.3	0.1	10.72
	7	0.1	-0.1	-0.0	0.1	-0.1	-7.94
	7	0.1	-0.0	-0.2	0.2	-0.2	-37.25
	7	0.1	0.1	-0.1	0.2	-0.1	-41.88
	7	0.1	-0.1	-0.0	0.1	-0.1	-6.50
	8	-0.0	-0.2	-0.0	-0.0	-0.3	-12.61
	8	-0.0	-0.3	-0.2	0.1	-0.4	-30.03
	8	-0.0	-0.2	-0.1	0.0	-0.2	-29.47
	8	0.0	-0.2	-0.0	0.0	-0.2	-9.04
	9	-0.1	-0.4	-0.0	-0.1	-0.4	-4.02
	9	-0.2	-0.4	-0.1	-0.2	-0.4	-22.57
	9	-0.2	-0.3	0.0	-0.2	-0.3	11.83
	9	-0.1	-0.4	0.0	-0.1	-0.4	0.78
	10	-0.2	-0.4	-0.0	-0.1	-0.4	-10.40
	10	-0.2	-0.5	-0.1	-0.1	-0.5	-22.87
	10	-0.2	-0.4	-0.0	-0.2	-0.4	-8.34
	10	-0.1	-0.4	-0.0	-0.1	-0.4	-5.34
	11	0.0	-0.1	0.0	0.0	-0.1	4.31
	11	0.0	0.0	-0.1	0.2	-0.1	-41.47
	11	0.0	0.1	-0.0	0.0	0.1	33.02
	11	0.1	-0.1	0.0	0.1	-0.1	4.58
	12	0.0	-0.1	0.0	0.0	-0.1	4.28
	12	0.0	0.0	-0.1	0.2	-0.1	-41.38
	12	0.0	0.1	-0.0	0.0	0.1	33.24
	12	0.1	-0.1	0.0	0.1	-0.1	4.57
	13	0.0	-0.1	0.0	0.0	-0.1	4.31
	13	0.0	0.0	-0.1	0.2	-0.1	-41.47
	13	0.0	0.1	-0.0	0.0	0.1	33.02
	13	0.1	-0.1	0.0	0.1	-0.1	4.58
	14	0.0	-0.1	0.0	0.0	-0.1	4.26
	14	0.0	0.0	-0.1	0.2	-0.1	-41.32
	14	0.0	0.1	-0.0	0.0	0.1	33.39
	14	0.1	-0.1	0.0	0.1	-0.1	4.56
	15	0.0	-0.1	0.0	0.0	-0.1	4.31
	15	0.0	0.0	-0.1	0.2	-0.1	-41.47
	15	0.0	0.1	-0.0	0.0	0.1	33.02
	15	0.1	-0.1	0.0	0.1	-0.1	4.58
	16	0.0	-0.1	0.0	0.0	-0.1	4.24
	16	0.0	0.0	-0.1	0.2	-0.1	-41.26
	16	0.0	0.1	-0.0	0.0	0.1	33.54
	16	0.1	-0.1	0.0	0.1	-0.1	4.56
467 513	1	0.2	-0.2	0.0	0.2	-0.2	2.71
	1	0.1	0.0	0.0	0.1	0.0	15.24
	1	0.2	0.2	-0.0	0.2	0.2	-10.17
	1	0.2	-0.1	0.0	0.2	-0.1	1.63
	2	0.2	-0.2	0.0	0.2	-0.2	2.72
	2	0.1	0.1	0.0	0.1	0.1	14.81

	2	0.3	0.2	-0.0	0.3	0.2	-10.48
	2	0.2	-0.2	0.0	0.2	-0.2	1.63
	3	0.2	-0.0	0.1	0.2	-0.0	16.16
	3	0.1	0.2	0.1	0.1	0.3	-29.67
	3	0.2	0.3	0.1	0.2	0.3	-32.35
	3	0.2	-0.0	0.1	0.2	-0.0	15.15
	4	0.1	-0.2	0.1	0.1	-0.2	13.96
	4	0.0	-0.0	0.1	0.1	-0.1	38.60
	4	0.1	0.0	0.1	0.2	-0.0	31.63
	4	0.1	-0.2	0.1	0.1	-0.2	11.72
	5	0.3	0.2	0.0	0.3	0.2	7.72
	5	0.3	0.5	-0.0	0.3	0.5	1.89
	5	0.3	0.6	-0.0	0.3	0.6	1.86
	5	0.3	0.2	0.0	0.3	0.2	9.51
	6	0.3	0.1	-0.0	0.3	0.1	-4.33
	6	0.3	0.5	-0.1	0.3	0.5	16.16
	6	0.3	0.5	-0.1	0.3	0.5	15.27
	6	0.3	0.2	-0.0	0.3	0.2	-5.33
	7	0.2	-0.1	-0.0	0.2	-0.1	-10.35
	7	0.1	0.1	-0.1	0.2	0.0	-38.99
	7	0.2	0.2	-0.1	0.3	0.1	-44.76
	7	0.2	-0.0	-0.1	0.2	-0.0	-11.50
	8	0.1	-0.2	-0.0	0.1	-0.2	-7.65
	8	0.0	-0.2	-0.1	0.0	-0.2	-16.31
	8	0.1	-0.1	-0.1	0.2	-0.1	-24.35
	8	0.1	-0.2	-0.0	0.1	-0.2	-8.40
	9	-0.0	-0.4	0.0	-0.0	-0.4	6.01
	9	-0.1	-0.4	0.1	-0.1	-0.4	15.62
	9	0.0	-0.3	0.0	0.0	-0.3	8.11
	9	0.0	-0.4	0.0	0.0	-0.4	3.88
	10	-0.0	-0.4	0.0	-0.0	-0.4	0.53
	10	-0.1	-0.4	0.0	-0.1	-0.4	5.68
	10	0.0	-0.3	-0.0	0.0	-0.3	-1.87
	10	0.0	-0.4	-0.0	0.0	-0.4	-0.89
	11	0.1	-0.1	0.0	0.1	-0.1	2.71
	11	0.1	0.0	0.0	0.1	0.0	15.03
	11	0.2	0.1	-0.0	0.2	0.1	-10.32
	11	0.2	-0.1	0.0	0.2	-0.1	1.63
	12	0.1	-0.1	0.0	0.1	-0.1	2.72
	12	0.1	0.0	0.0	0.1	0.0	14.81
	12	0.2	0.1	-0.0	0.2	0.1	-10.48
	12	0.2	-0.1	0.0	0.2	-0.1	1.63
	13	0.1	-0.1	0.0	0.1	-0.1	2.71
	13	0.1	0.0	0.0	0.1	0.0	15.03
	13	0.2	0.1	-0.0	0.2	0.1	-10.32
	13	0.2	-0.1	0.0	0.2	-0.1	1.63
	14	0.1	-0.1	0.0	0.1	-0.1	2.73
	14	0.1	0.0	0.0	0.1	0.0	14.66
	14	0.2	0.1	-0.0	0.2	0.1	-10.58
	14	0.2	-0.1	0.0	0.2	-0.1	1.63
	15	0.1	-0.1	0.0	0.1	-0.1	2.71
	15	0.1	0.0	0.0	0.1	0.0	15.03
	15	0.2	0.1	-0.0	0.2	0.1	-10.32
	15	0.2	-0.1	0.0	0.2	-0.1	1.63
	16	0.1	-0.1	0.0	0.1	-0.1	2.73
	16	0.1	0.0	0.0	0.1	0.0	14.51
	16	0.2	0.1	-0.0	0.2	0.1	-10.69
	16	0.2	-0.1	0.0	0.2	-0.1	1.63
450 511	1	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	1	0.2	0.2	0.0	0.2	0.2	10.17
	1	0.1	0.0	-0.0	0.1	0.0	-15.24
	1	0.2	-0.2	-0.0	0.2	-0.2	-2.71
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.63
	2	0.3	0.2	0.0	0.3	0.2	10.48
	2	0.1	0.1	-0.0	0.1	0.1	-14.81
	2	0.2	-0.2	-0.0	0.2	-0.2	-2.72
	3	0.2	-0.0	0.1	0.2	-0.0	11.50
	3	0.2	0.2	0.1	0.3	0.1	44.76
	3	0.1	0.1	0.1	0.2	0.0	38.99
	3	0.2	-0.1	0.0	0.2	-0.1	10.35
	4	0.1	-0.2	0.0	0.1	-0.2	8.40
	4	0.1	-0.1	0.1	0.2	-0.1	24.35
	4	0.0	-0.2	0.1	0.0	-0.2	16.31

	4	0.1	-0.2	0.0	0.1	-0.2	7.65
	5	0.3	0.2	0.0	0.3	0.2	5.33
	5	0.3	0.5	0.1	0.3	0.5	-15.27
	5	0.3	0.5	0.1	0.3	0.5	-16.16
	5	0.3	0.1	0.0	0.3	0.1	4.33
	6	0.3	0.2	-0.0	0.3	0.2	-9.51
	6	0.3	0.6	0.0	0.3	0.6	-1.86
	6	0.3	0.5	0.0	0.3	0.5	-1.89
	6	0.3	0.2	-0.0	0.3	0.2	-7.72
	7	0.2	-0.0	-0.1	0.2	-0.0	-15.15
	7	0.2	0.3	-0.1	0.2	0.3	32.35
	7	0.1	0.2	-0.1	0.1	0.3	29.67
	7	0.2	-0.0	-0.1	0.2	-0.0	-16.16
	8	0.1	-0.2	-0.1	0.1	-0.2	-11.72
	8	0.1	0.0	-0.1	0.2	-0.0	-31.63
	8	0.0	-0.0	-0.1	0.1	-0.1	-38.60
	8	0.1	-0.2	-0.1	0.1	-0.2	-13.96
	9	0.0	-0.4	0.0	0.0	-0.4	0.89
	9	0.0	-0.3	0.0	0.0	-0.3	1.87
	9	-0.1	-0.4	-0.0	-0.1	-0.4	-5.68
	9	-0.0	-0.4	-0.0	-0.0	-0.4	-0.53
	10	0.0	-0.4	-0.0	0.0	-0.4	-3.88
	10	0.0	-0.3	-0.0	0.0	-0.3	-8.11
	10	-0.1	-0.4	-0.1	-0.1	-0.4	-15.62
	10	-0.0	-0.4	-0.0	-0.0	-0.4	-6.01
	11	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	11	0.2	0.1	0.0	0.2	0.1	10.32
	11	0.1	0.0	-0.0	0.1	0.0	-15.03
	11	0.1	-0.1	-0.0	0.1	-0.1	-2.71
	12	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	12	0.2	0.1	0.0	0.2	0.1	10.48
	12	0.1	0.0	-0.0	0.1	0.0	-14.81
	12	0.1	-0.1	-0.0	0.1	-0.1	-2.72
	13	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	13	0.2	0.1	0.0	0.2	0.1	10.32
	13	0.1	0.0	-0.0	0.1	0.0	-15.03
	13	0.1	-0.1	-0.0	0.1	-0.1	-2.71
	14	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	14	0.2	0.1	0.0	0.2	0.1	10.58
	14	0.1	0.0	-0.0	0.1	0.0	-14.66
	14	0.1	-0.1	-0.0	0.1	-0.1	-2.73
	15	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	15	0.2	0.1	0.0	0.2	0.1	10.32
	15	0.1	0.0	-0.0	0.1	0.0	-15.03
	15	0.1	-0.1	-0.0	0.1	-0.1	-2.71
	16	0.2	-0.1	-0.0	0.2	-0.1	-1.63
	16	0.2	0.1	0.0	0.2	0.1	10.69
	16	0.1	0.0	-0.0	0.1	0.0	-14.51
	16	0.1	-0.1	-0.0	0.1	-0.1	-2.73
448 509	1	0.1	-0.2	-0.0	0.1	-0.2	-4.58
	1	0.1	0.1	0.1	0.0	0.1	-32.81
	1	0.1	0.0	0.2	0.2	-0.1	41.56
	1	0.1	-0.1	-0.0	0.1	-0.1	-4.34
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.57
	2	0.1	0.1	0.1	0.0	0.2	-33.24
	2	0.1	0.0	0.2	0.2	-0.1	41.38
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.28
	3	0.1	-0.1	0.0	0.1	-0.1	6.50
	3	0.1	0.1	0.1	0.2	-0.1	41.88
	3	0.1	-0.0	0.2	0.2	-0.2	37.25
	3	0.1	-0.1	0.0	0.1	-0.1	7.94
	4	0.0	-0.2	0.0	0.0	-0.2	9.04
	4	-0.0	-0.2	0.1	0.0	-0.2	29.47
	4	-0.0	-0.3	0.2	0.1	-0.4	30.03
	4	-0.0	-0.2	0.0	-0.0	-0.3	12.61
	5	0.3	0.1	-0.0	0.3	0.1	-10.72
	5	0.3	0.5	0.1	0.2	0.5	-26.12
	5	0.3	0.4	0.2	0.2	0.5	-35.61
	5	0.2	0.1	-0.0	0.2	0.1	-18.51
	6	0.3	0.2	-0.1	0.3	0.1	-21.03
	6	0.3	0.6	0.1	0.3	0.6	-14.03
	6	0.3	0.5	0.1	0.2	0.5	-25.68
	6	0.2	0.2	-0.1	0.3	0.1	-28.90

	7	0.2	0.0	-0.1	0.2	-0.0	-21.92
	7	0.1	0.3	-0.0	0.1	0.3	5.27
	7	0.1	0.3	0.1	0.1	0.3	-18.41
	7	0.1	0.0	-0.1	0.2	-0.0	-26.39
	8	0.1	-0.1	-0.1	0.1	-0.2	-15.40
	8	-0.0	0.1	-0.0	-0.0	0.1	20.32
	8	-0.0	0.0	0.0	-0.0	0.1	-32.59
	8	0.0	-0.1	-0.0	0.0	-0.1	-16.30
	9	-0.1	-0.4	0.0	-0.1	-0.4	5.34
	9	-0.2	-0.4	0.0	-0.2	-0.4	8.34
	9	-0.2	-0.5	0.1	-0.1	-0.5	22.87
	9	-0.2	-0.4	0.0	-0.1	-0.4	10.40
	10	-0.1	-0.4	-0.0	-0.1	-0.4	-0.78
	10	-0.2	-0.3	-0.0	-0.2	-0.3	-11.83
	10	-0.2	-0.4	0.1	-0.2	-0.4	22.57
	10	-0.1	-0.4	0.0	-0.1	-0.4	4.02
	11	0.1	-0.1	-0.0	0.1	-0.1	-4.58
	11	0.0	0.1	0.0	0.0	0.1	-33.02
	11	0.0	0.0	0.1	0.2	-0.1	41.47
	11	0.0	-0.1	-0.0	0.0	-0.1	-4.31
	12	0.1	-0.1	-0.0	0.1	-0.1	-4.57
	12	0.0	0.1	0.0	0.0	0.1	-33.24
	12	0.0	0.0	0.1	0.2	-0.1	41.38
	12	0.0	-0.1	-0.0	0.0	-0.1	-4.28
	13	0.1	-0.1	-0.0	0.1	-0.1	-4.58
	13	0.0	0.1	0.0	0.0	0.1	-33.02
	13	0.0	0.0	0.1	0.2	-0.1	41.47
	13	0.0	-0.1	-0.0	0.0	-0.1	-4.31
	14	0.1	-0.1	-0.0	0.1	-0.1	-4.56
	14	0.0	0.1	0.0	0.0	0.1	-33.39
	14	0.0	0.0	0.1	0.2	-0.1	41.32
	14	0.0	-0.1	-0.0	0.0	-0.1	-4.26
	15	0.1	-0.1	-0.0	0.1	-0.1	-4.58
	15	0.0	0.1	0.0	0.0	0.1	-33.02
	15	0.0	0.0	0.1	0.2	-0.1	41.47
	15	0.0	-0.1	-0.0	0.0	-0.1	-4.31
	16	0.1	-0.1	-0.0	0.1	-0.1	-4.56
	16	0.0	0.1	0.0	0.0	0.1	-33.54
	16	0.0	0.0	0.1	0.2	-0.1	41.26
	16	0.0	-0.1	-0.0	0.0	-0.1	-4.24
194 532	1	-0.0	-0.5	-0.2	0.0	-0.6	-16.64
	1	0.0	-0.2	-0.0	0.0	-0.2	-5.17
	1	0.0	-0.3	-0.1	0.1	-0.3	-10.84
	1	0.1	-0.5	-0.0	0.1	-0.5	-2.11
	2	-0.0	-0.6	-0.2	0.0	-0.6	-16.64
	2	0.0	-0.2	-0.0	0.1	-0.2	-5.20
	2	0.1	-0.3	-0.1	0.1	-0.3	-10.82
	2	0.1	-0.5	-0.0	0.1	-0.5	-2.16
	3	-0.1	-0.7	-0.2	-0.0	-0.7	-15.19
	3	-0.0	-0.3	-0.1	-0.0	-0.3	-17.03
	3	-0.0	-0.3	-0.1	0.0	-0.4	-16.75
	3	0.0	-0.6	-0.0	0.0	-0.6	-4.38
	4	0.0	-0.4	-0.2	0.1	-0.5	-18.96
	4	0.1	-0.2	-0.0	0.1	-0.2	-10.08
	4	0.0	-0.2	-0.0	0.0	-0.2	-8.73
	4	0.1	-0.4	-0.0	0.1	-0.4	-2.61
	5	-0.2	-0.8	-0.1	-0.2	-0.8	-10.49
	5	-0.1	-0.4	-0.1	-0.1	-0.4	-19.67
	5	-0.1	-0.4	-0.2	0.0	-0.5	-21.57
	5	-0.1	-0.6	-0.1	-0.1	-0.6	-5.51
	6	-0.2	-0.7	-0.1	-0.2	-0.7	-9.08
	6	-0.1	-0.4	-0.1	-0.1	-0.4	-17.11
	6	-0.1	-0.4	-0.1	0.0	-0.4	-21.55
	6	-0.1	-0.6	-0.0	-0.0	-0.6	-5.08
	7	-0.1	-0.3	-0.1	-0.0	-0.4	-12.32
	7	0.0	-0.2	0.0	0.0	-0.2	1.74
	7	0.0	-0.2	-0.1	0.0	-0.2	-13.31
	7	0.1	-0.3	-0.0	0.1	-0.3	-1.67
	8	0.1	-0.1	-0.1	0.1	-0.2	-20.46
	8	0.1	-0.0	0.0	0.1	-0.0	18.55
	8	0.1	-0.1	0.0	0.1	-0.1	5.13
	8	0.1	-0.2	0.0	0.1	-0.2	1.98
	9	0.2	-0.1	-0.2	0.2	-0.2	-26.22

	9	0.2	0.0	0.0	0.2	0.0	14.86
	9	0.1	-0.0	0.1	0.1	-0.1	17.09
	9	0.2	-0.1	0.0	0.2	-0.1	2.30
	10	0.2	0.0	-0.1	0.3	-0.1	-28.84
	10	0.2	0.1	0.1	0.2	0.1	24.17
	10	0.1	0.0	0.1	0.2	-0.0	24.41
	10	0.2	-0.1	0.0	0.2	-0.1	4.75
	11	-0.0	-0.4	-0.1	0.0	-0.4	-16.64
	11	0.0	-0.2	-0.0	0.0	-0.2	-5.19
	11	0.0	-0.2	-0.0	0.0	-0.2	-10.83
	11	0.1	-0.4	-0.0	0.1	-0.4	-2.14
	12	-0.0	-0.4	-0.1	0.0	-0.4	-16.64
	12	0.0	-0.2	-0.0	0.0	-0.2	-5.20
	12	0.0	-0.2	-0.0	0.0	-0.2	-10.82
	12	0.1	-0.4	-0.0	0.1	-0.4	-2.16
	13	-0.0	-0.4	-0.1	0.0	-0.4	-16.64
	13	0.0	-0.2	-0.0	0.0	-0.2	-5.19
	13	0.0	-0.2	-0.0	0.0	-0.2	-10.83
	13	0.1	-0.4	-0.0	0.1	-0.4	-2.14
	14	-0.0	-0.4	-0.1	0.0	-0.4	-16.65
	14	0.0	-0.2	-0.0	0.0	-0.2	-5.22
	14	0.0	-0.2	-0.0	0.0	-0.2	-10.81
	14	0.1	-0.4	-0.0	0.1	-0.4	-2.18
	15	-0.0	-0.4	-0.1	0.0	-0.4	-16.64
	15	0.0	-0.2	-0.0	0.0	-0.2	-5.19
	15	0.0	-0.2	-0.0	0.0	-0.2	-10.83
	15	0.1	-0.4	-0.0	0.1	-0.4	-2.14
	16	-0.0	-0.4	-0.1	0.0	-0.4	-16.65
	16	0.0	-0.2	-0.0	0.0	-0.2	-5.23
	16	0.0	-0.2	-0.0	0.0	-0.2	-10.81
	16	0.1	-0.4	-0.0	0.1	-0.4	-2.20
247 319	1	0.1	-0.2	0.0	0.1	-0.2	4.12
	1	0.1	-0.2	0.0	0.1	-0.2	3.47
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.37
	1	0.1	-0.2	-0.0	0.1	-0.2	-2.74
	2	0.1	-0.2	0.0	0.1	-0.2	4.12
	2	0.1	-0.2	0.0	0.1	-0.2	3.48
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.35
	2	0.1	-0.2	-0.0	0.1	-0.2	-2.73
	3	-0.0	-0.2	-0.0	-0.0	-0.2	-10.26
	3	0.0	-0.2	-0.0	0.0	-0.2	-9.79
	3	0.0	-0.2	-0.1	0.0	-0.2	-13.98
	3	0.0	-0.3	-0.1	0.0	-0.3	-14.17
	4	0.1	-0.1	0.0	0.1	-0.1	3.41
	4	0.1	-0.1	0.0	0.1	-0.1	7.47
	4	0.0	-0.1	0.0	0.1	-0.1	7.41
	4	0.0	-0.2	0.0	0.0	-0.2	1.31
	5	-0.1	-0.3	-0.1	-0.1	-0.3	-18.01
	5	-0.0	-0.2	-0.1	0.0	-0.3	-21.15
	5	0.0	-0.2	-0.1	0.1	-0.3	-24.93
	5	-0.0	-0.3	-0.1	0.0	-0.4	-22.30
	6	-0.1	-0.3	-0.1	-0.0	-0.3	-15.60
	6	-0.0	-0.2	-0.1	0.0	-0.3	-19.45
	6	0.0	-0.2	-0.1	0.1	-0.3	-24.21
	6	-0.0	-0.3	-0.1	0.0	-0.3	-21.81
	7	0.0	-0.1	0.0	0.0	-0.1	4.88
	7	0.1	-0.1	-0.0	0.1	-0.1	-0.41
	7	0.1	-0.1	-0.0	0.1	-0.1	-7.51
	7	0.1	-0.1	-0.0	0.1	-0.1	-7.02
	8	0.1	-0.0	0.1	0.1	-0.1	19.89
	8	0.1	-0.1	0.1	0.1	-0.1	15.62
	8	0.1	-0.1	0.1	0.1	-0.1	15.69
	8	0.1	-0.1	0.1	0.1	-0.1	16.38
	9	0.2	0.0	0.1	0.2	-0.0	24.18
	9	0.1	-0.0	0.1	0.2	-0.1	24.73
	9	0.1	-0.1	0.1	0.2	-0.1	29.55
	9	0.1	-0.0	0.1	0.2	-0.1	27.91
	10	0.2	0.0	0.1	0.2	-0.0	27.42
	10	0.2	-0.0	0.1	0.2	-0.1	25.90
	10	0.1	-0.0	0.1	0.2	-0.1	30.61
	10	0.1	-0.0	0.1	0.2	-0.1	31.09
	11	0.1	-0.1	0.0	0.1	-0.1	4.12
	11	0.1	-0.1	0.0	0.1	-0.1	3.48

	11	0.1	-0.1	-0.0	0.1	-0.1	-0.36
	11	0.1	-0.2	-0.0	0.1	-0.2	-2.74
	12	0.1	-0.1	0.0	0.1	-0.1	4.12
	12	0.1	-0.1	0.0	0.1	-0.1	3.48
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.35
	12	0.1	-0.2	-0.0	0.1	-0.2	-2.73
	13	0.1	-0.1	0.0	0.1	-0.1	4.12
	13	0.1	-0.1	0.0	0.1	-0.1	3.48
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.36
	13	0.1	-0.2	-0.0	0.1	-0.2	-2.74
	14	0.1	-0.1	0.0	0.1	-0.1	4.12
	14	0.1	-0.1	0.0	0.1	-0.1	3.49
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.34
	14	0.1	-0.2	-0.0	0.1	-0.2	-2.73
	15	0.1	-0.1	0.0	0.1	-0.1	4.12
	15	0.1	-0.1	0.0	0.1	-0.1	3.48
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.36
	15	0.1	-0.2	-0.0	0.1	-0.2	-2.74
	16	0.1	-0.1	0.0	0.1	-0.1	4.12
	16	0.1	-0.1	0.0	0.1	-0.1	3.49
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.34
	16	0.1	-0.2	-0.0	0.1	-0.2	-2.72
400 550	1	0.1	-0.2	-0.0	0.1	-0.2	-3.47
	1	0.1	-0.2	-0.0	0.1	-0.2	-4.12
	1	0.1	-0.2	0.0	0.1	-0.2	2.74
	1	0.1	-0.2	0.0	0.1	-0.2	0.37
	2	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	2	0.1	-0.2	-0.0	0.1	-0.2	-4.12
	2	0.1	-0.2	0.0	0.1	-0.2	2.73
	2	0.1	-0.2	0.0	0.1	-0.2	0.35
	3	0.1	-0.1	-0.0	0.1	-0.1	-7.47
	3	0.1	-0.1	-0.0	0.1	-0.1	-3.41
	3	0.0	-0.2	-0.0	0.0	-0.2	-1.31
	3	0.0	-0.1	-0.0	0.1	-0.1	-7.41
	4	0.0	-0.2	0.0	0.0	-0.2	9.79
	4	-0.0	-0.2	0.0	-0.0	-0.2	10.26
	4	0.0	-0.3	0.1	0.0	-0.3	14.17
	4	0.0	-0.2	0.1	0.0	-0.2	13.98
	5	0.1	-0.0	-0.1	0.2	-0.1	-24.73
	5	0.2	0.0	-0.1	0.2	-0.0	-24.18
	5	0.1	-0.0	-0.1	0.2	-0.1	-27.91
	5	0.1	-0.1	-0.1	0.2	-0.1	-29.55
	6	0.2	-0.0	-0.1	0.2	-0.1	-25.90
	6	0.2	0.0	-0.1	0.2	-0.0	-27.42
	6	0.1	-0.0	-0.1	0.2	-0.1	-31.09
	6	0.1	-0.0	-0.1	0.2	-0.1	-30.61
	7	0.1	-0.1	-0.1	0.1	-0.1	-15.62
	7	0.1	-0.0	-0.1	0.1	-0.1	-19.89
	7	0.1	-0.1	-0.1	0.1	-0.1	-16.38
	7	0.1	-0.1	-0.1	0.1	-0.1	-15.69
	8	0.1	-0.1	0.0	0.1	-0.1	0.41
	8	0.0	-0.1	-0.0	0.0	-0.1	-4.88
	8	0.1	-0.1	0.0	0.1	-0.1	7.02
	8	0.1	-0.1	0.0	0.1	-0.1	7.51
	9	-0.0	-0.2	0.1	0.0	-0.3	21.15
	9	-0.1	-0.3	0.1	-0.1	-0.3	18.01
	9	-0.0	-0.3	0.1	0.0	-0.4	22.30
	9	0.0	-0.2	0.1	0.1	-0.3	24.93
	10	-0.0	-0.2	0.1	0.0	-0.3	19.46
	10	-0.1	-0.3	0.1	-0.0	-0.3	15.60
	10	-0.0	-0.3	0.1	0.0	-0.3	21.81
	10	0.0	-0.2	0.1	0.1	-0.3	24.21
	11	0.1	-0.1	-0.0	0.1	-0.1	-3.48
	11	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	11	0.1	-0.2	0.0	0.1	-0.2	2.74
	11	0.1	-0.1	0.0	0.1	-0.1	0.36
	12	0.1	-0.1	-0.0	0.1	-0.1	-3.48
	12	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	12	0.1	-0.2	0.0	0.1	-0.2	2.73
	12	0.1	-0.1	0.0	0.1	-0.1	0.35
	13	0.1	-0.1	-0.0	0.1	-0.1	-3.48
	13	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	13	0.1	-0.2	0.0	0.1	-0.2	2.74

	13	0.1	-0.1	0.0	0.1	-0.1	0.36
	14	0.1	-0.1	-0.0	0.1	-0.1	-3.49
	14	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	14	0.1	-0.2	0.0	0.1	-0.2	2.73
	14	0.1	-0.1	0.0	0.1	-0.1	0.34
	15	0.1	-0.1	-0.0	0.1	-0.1	-3.48
	15	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	15	0.1	-0.2	0.0	0.1	-0.2	2.74
	15	0.1	-0.1	0.0	0.1	-0.1	0.36
	16	0.1	-0.1	-0.0	0.1	-0.1	-3.49
	16	0.1	-0.1	-0.0	0.1	-0.1	-4.12
	16	0.1	-0.2	0.0	0.1	-0.2	2.72
	16	0.1	-0.1	0.0	0.1	-0.1	0.34
446 507	1	0.0	-0.2	0.0	0.0	-0.2	5.17
	1	-0.0	-0.5	0.2	0.0	-0.6	16.64
	1	0.1	-0.5	0.0	0.1	-0.5	2.11
	1	0.0	-0.3	0.1	0.1	-0.3	10.84
	2	0.0	-0.2	0.0	0.1	-0.2	5.20
	2	-0.0	-0.6	0.2	0.0	-0.6	16.64
	2	0.1	-0.5	0.0	0.1	-0.5	2.16
	2	0.1	-0.3	0.1	0.1	-0.3	10.82
	3	0.1	-0.2	0.0	0.1	-0.2	10.08
	3	0.0	-0.4	0.2	0.1	-0.5	18.96
	3	0.1	-0.4	0.0	0.1	-0.4	2.61
	3	0.0	-0.2	0.0	0.0	-0.2	8.73
	4	-0.0	-0.3	0.1	-0.0	-0.3	17.03
	4	-0.1	-0.7	0.2	-0.0	-0.7	15.19
	4	0.0	-0.6	0.0	0.0	-0.6	4.38
	4	-0.0	-0.3	0.1	0.0	-0.4	16.75
	5	0.2	0.0	-0.0	0.2	0.0	-14.86
	5	0.2	-0.1	0.2	0.2	-0.2	26.22
	5	0.2	-0.1	-0.0	0.2	-0.1	-2.30
	5	0.1	-0.0	-0.1	0.1	-0.1	-17.09
	6	0.2	0.1	-0.1	0.2	0.1	-24.17
	6	0.2	0.0	0.1	0.3	-0.1	28.84
	6	0.2	-0.1	-0.0	0.2	-0.1	-4.75
	6	0.1	0.0	-0.1	0.2	-0.0	-24.41
	7	0.1	-0.0	-0.0	0.1	-0.0	-18.55
	7	0.1	-0.1	0.1	0.1	-0.2	20.46
	7	0.1	-0.2	-0.0	0.1	-0.2	-1.98
	7	0.1	-0.1	-0.0	0.1	-0.1	-5.13
	8	0.0	-0.2	-0.0	0.0	-0.2	-1.74
	8	-0.1	-0.3	0.1	-0.0	-0.4	12.32
	8	0.1	-0.3	0.0	0.1	-0.3	1.67
	8	0.0	-0.2	0.1	0.0	-0.2	13.31
	9	-0.1	-0.4	0.1	-0.1	-0.4	19.67
	9	-0.2	-0.8	0.1	-0.2	-0.8	10.49
	9	-0.1	-0.6	0.1	-0.1	-0.6	5.51
	9	-0.1	-0.4	0.2	0.0	-0.5	21.57
	10	-0.1	-0.4	0.1	-0.1	-0.4	17.11
	10	-0.2	-0.7	0.1	-0.2	-0.7	9.08
	10	-0.1	-0.6	0.0	-0.0	-0.6	5.08
	10	-0.1	-0.4	0.1	0.0	-0.4	21.55
	11	0.0	-0.2	0.0	0.0	-0.2	5.19
	11	-0.0	-0.4	0.1	0.0	-0.4	16.64
	11	0.1	-0.4	0.0	0.1	-0.4	2.14
	11	0.0	-0.2	0.0	0.0	-0.2	10.83
	12	0.0	-0.2	0.0	0.0	-0.2	5.20
	12	-0.0	-0.4	0.1	0.0	-0.4	16.64
	12	0.1	-0.4	0.0	0.1	-0.4	2.16
	12	0.0	-0.2	0.0	0.0	-0.2	10.82
	13	0.0	-0.2	0.0	0.0	-0.2	5.19
	13	-0.0	-0.4	0.1	0.0	-0.4	16.64
	13	0.1	-0.4	0.0	0.1	-0.4	2.14
	13	0.0	-0.2	0.0	0.0	-0.2	10.83
	14	0.0	-0.2	0.0	0.0	-0.2	5.22
	14	-0.0	-0.4	0.1	0.0	-0.4	16.64
	14	0.1	-0.4	0.0	0.1	-0.4	2.18
	14	0.0	-0.2	0.0	0.0	-0.2	10.81
	15	0.0	-0.2	0.0	0.0	-0.2	5.19
	15	-0.0	-0.4	0.1	0.0	-0.4	16.64
	15	0.1	-0.4	0.0	0.1	-0.4	2.14
	15	0.0	-0.2	0.0	0.0	-0.2	10.83

	16	0.0	-0.2	0.0	0.0	-0.2	5.23
	16	-0.0	-0.4	0.1	0.0	-0.4	16.65
	16	0.1	-0.4	0.0	0.1	-0.4	2.20
	16	0.0	-0.2	0.0	0.0	-0.2	10.81
192 246	1	0.2	-0.4	-0.0	0.2	-0.4	-1.82
	1	0.1	-0.3	-0.0	0.1	-0.3	-5.23
	1	0.2	-0.3	0.0	0.2	-0.3	1.35
	1	0.2	-0.3	0.1	0.3	-0.4	7.95
	2	0.2	-0.5	-0.0	0.2	-0.5	-1.83
	2	0.1	-0.3	-0.0	0.1	-0.3	-5.23
	2	0.2	-0.3	0.0	0.2	-0.3	1.36
	2	0.3	-0.4	0.1	0.3	-0.4	7.93
	3	0.1	-0.5	-0.0	0.1	-0.5	-3.04
	3	0.1	-0.3	-0.1	0.1	-0.4	-10.58
	3	0.1	-0.3	-0.0	0.1	-0.3	-2.78
	3	0.2	-0.4	0.1	0.2	-0.4	5.90
	4	0.1	-0.4	-0.0	0.1	-0.4	-1.19
	4	0.1	-0.3	-0.0	0.1	-0.3	-0.76
	4	0.1	-0.3	0.0	0.1	-0.3	4.90
	4	0.2	-0.3	0.1	0.2	-0.3	8.63
	5	0.1	-0.5	-0.0	0.1	-0.5	-4.58
	5	0.1	-0.4	-0.2	0.1	-0.4	-17.37
	5	0.2	-0.4	-0.1	0.2	-0.4	-7.95
	5	0.3	-0.4	0.1	0.3	-0.4	4.04
	6	0.1	-0.5	-0.0	0.1	-0.5	-4.64
	6	0.1	-0.4	-0.2	0.1	-0.4	-17.81
	6	0.2	-0.3	-0.1	0.2	-0.3	-8.15
	6	0.3	-0.3	0.0	0.3	-0.3	4.10
	7	0.1	-0.3	-0.0	0.1	-0.3	-2.61
	7	0.1	-0.2	-0.1	0.1	-0.2	-10.13
	7	0.2	-0.2	-0.0	0.2	-0.2	-2.16
	7	0.2	-0.2	0.1	0.2	-0.2	7.10
	8	0.1	-0.1	0.0	0.1	-0.1	0.46
	8	0.1	-0.1	0.0	0.1	-0.1	5.86
	8	0.1	-0.1	0.0	0.1	-0.1	9.36
	8	0.1	-0.1	0.1	0.1	-0.2	12.27
	9	0.2	-0.2	0.0	0.2	-0.2	3.42
	9	0.1	-0.1	0.1	0.2	-0.1	21.04
	9	0.1	-0.1	0.1	0.1	-0.2	24.46
	9	0.0	-0.2	0.1	0.1	-0.2	17.75
	10	0.2	-0.1	0.0	0.2	-0.1	4.96
	10	0.1	-0.0	0.1	0.2	-0.1	25.06
	10	0.1	-0.1	0.1	0.1	-0.1	28.06
	10	0.0	-0.1	0.1	0.1	-0.2	21.64
	11	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	11	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	11	0.1	-0.2	0.0	0.1	-0.2	1.35
	11	0.2	-0.3	0.1	0.2	-0.3	7.94
	12	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	12	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	12	0.1	-0.2	0.0	0.1	-0.2	1.36
	12	0.2	-0.3	0.1	0.2	-0.3	7.93
	13	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	13	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	13	0.1	-0.2	0.0	0.1	-0.2	1.35
	13	0.2	-0.3	0.1	0.2	-0.3	7.94
	14	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	14	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	14	0.1	-0.2	0.0	0.1	-0.2	1.36
	14	0.2	-0.3	0.1	0.2	-0.3	7.92
	15	0.1	-0.3	-0.0	0.1	-0.3	-1.83
	15	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	15	0.1	-0.2	0.0	0.1	-0.2	1.35
	15	0.2	-0.3	0.1	0.2	-0.3	7.94
	16	0.1	-0.3	-0.0	0.1	-0.3	-1.84
	16	0.1	-0.2	-0.0	0.1	-0.2	-5.23
	16	0.1	-0.2	0.0	0.1	-0.2	1.36
	16	0.2	-0.3	0.1	0.2	-0.3	7.91
532 537	1	0.1	-0.2	-0.0	0.1	-0.2	-3.49
	1	0.1	-0.2	-0.0	0.1	-0.2	-1.87
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.71
	1	0.2	-0.2	0.0	0.2	-0.2	0.18

	2	0.1	-0.3	-0.0	0.1	-0.3	-3.47
	2	0.1	-0.2	-0.0	0.1	-0.2	-1.85
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.70
	2	0.2	-0.3	0.0	0.2	-0.3	0.19
	3	0.0	-0.3	-0.1	0.1	-0.3	-11.51
	3	0.0	-0.2	-0.1	0.1	-0.2	-13.27
	3	0.1	-0.2	-0.1	0.1	-0.2	-9.43
	3	0.1	-0.3	-0.0	0.1	-0.3	-5.82
	4	0.1	-0.2	0.0	0.1	-0.2	2.10
	4	0.1	-0.2	0.0	0.1	-0.2	7.26
	4	0.1	-0.2	0.0	0.1	-0.2	8.20
	4	0.1	-0.2	0.0	0.1	-0.2	5.98
	5	0.0	-0.3	-0.2	0.1	-0.4	-19.59
	5	0.0	-0.2	-0.2	0.1	-0.3	-24.04
	5	0.1	-0.2	-0.1	0.2	-0.3	-19.75
	5	0.2	-0.3	-0.1	0.2	-0.3	-13.54
	6	0.1	-0.3	-0.1	0.1	-0.3	-19.66
	6	0.1	-0.2	-0.2	0.1	-0.3	-23.82
	6	0.1	-0.2	-0.1	0.2	-0.3	-19.85
	6	0.2	-0.3	-0.1	0.2	-0.3	-13.83
	7	0.1	-0.2	-0.0	0.1	-0.2	-9.04
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.05
	7	0.1	-0.1	-0.0	0.1	-0.1	-8.55
	7	0.2	-0.2	-0.0	0.2	-0.2	-5.36
	8	0.1	-0.1	0.0	0.1	-0.1	10.96
	8	0.1	-0.1	0.0	0.1	-0.1	13.66
	8	0.1	-0.1	0.0	0.1	-0.1	11.85
	8	0.1	-0.1	0.0	0.1	-0.1	10.53
	9	0.1	-0.1	0.1	0.2	-0.1	26.70
	9	0.1	-0.1	0.1	0.2	-0.2	30.28
	9	0.1	-0.1	0.1	0.1	-0.2	30.42
	9	0.1	-0.1	0.1	0.1	-0.2	27.78
	10	0.1	-0.0	0.1	0.2	-0.1	29.60
	10	0.1	-0.0	0.1	0.2	-0.1	31.37
	10	0.1	-0.1	0.1	0.2	-0.2	31.45
	10	0.1	-0.1	0.1	0.1	-0.1	30.13
	11	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	11	0.1	-0.1	-0.0	0.1	-0.1	-1.86
	11	0.1	-0.2	-0.0	0.1	-0.2	-0.70
	11	0.1	-0.2	0.0	0.1	-0.2	0.18
	12	0.1	-0.2	-0.0	0.1	-0.2	-3.47
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.85
	12	0.1	-0.2	-0.0	0.1	-0.2	-0.70
	12	0.1	-0.2	0.0	0.1	-0.2	0.19
	13	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	13	0.1	-0.1	-0.0	0.1	-0.1	-1.86
	13	0.1	-0.2	-0.0	0.1	-0.2	-0.70
	13	0.1	-0.2	0.0	0.1	-0.2	0.18
	14	0.1	-0.2	-0.0	0.1	-0.2	-3.46
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.85
	14	0.1	-0.2	-0.0	0.1	-0.2	-0.69
	14	0.1	-0.2	0.0	0.1	-0.2	0.19
	15	0.1	-0.2	-0.0	0.1	-0.2	-3.48
	15	0.1	-0.1	-0.0	0.1	-0.1	-1.86
	15	0.1	-0.2	-0.0	0.1	-0.2	-0.70
	15	0.1	-0.2	0.0	0.1	-0.2	0.18
	16	0.1	-0.2	-0.0	0.1	-0.2	-3.46
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.84
	16	0.1	-0.2	-0.0	0.1	-0.2	-0.69
	16	0.1	-0.2	0.0	0.1	-0.2	0.19
319 348	1	0.1	-0.2	-0.0	0.1	-0.2	-0.41
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.13
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.14
	1	0.1	-0.2	-0.0	0.1	-0.2	-0.29
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.40
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.12
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.13
	2	0.1	-0.2	-0.0	0.1	-0.2	-0.28
	3	0.0	-0.2	-0.1	0.1	-0.2	-12.85
	3	0.0	-0.2	-0.0	0.1	-0.2	-12.98
	3	0.1	-0.2	-0.0	0.1	-0.2	-11.47
	3	0.1	-0.2	-0.0	0.1	-0.2	-10.51
	4	0.0	-0.2	0.0	0.1	-0.2	10.46

	4	0.0	-0.2	0.0	0.1	-0.2	12.17
	4	0.1	-0.2	0.0	0.1	-0.2	11.22
	4	0.1	-0.2	0.0	0.1	-0.2	10.11
	5	0.1	-0.2	-0.2	0.1	-0.3	-25.56
	5	0.1	-0.2	-0.2	0.1	-0.2	-27.84
	5	0.1	-0.2	-0.2	0.2	-0.2	-26.09
	5	0.1	-0.2	-0.2	0.2	-0.3	-22.72
	6	0.1	-0.2	-0.2	0.1	-0.3	-25.22
	6	0.1	-0.1	-0.2	0.2	-0.2	-27.48
	6	0.1	-0.1	-0.2	0.2	-0.2	-25.95
	6	0.1	-0.2	-0.2	0.2	-0.2	-22.66
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.06
	7	0.1	-0.1	-0.0	0.1	-0.1	-11.35
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.76
	7	0.1	-0.1	-0.0	0.1	-0.1	-9.47
	8	0.1	-0.1	0.1	0.1	-0.1	13.59
	8	0.1	-0.1	0.0	0.1	-0.1	12.37
	8	0.1	-0.1	0.0	0.1	-0.1	11.51
	8	0.1	-0.1	0.0	0.1	-0.1	12.15
	9	0.1	-0.1	0.2	0.2	-0.2	30.21
	9	0.1	-0.1	0.2	0.2	-0.2	29.00
	9	0.1	-0.1	0.2	0.2	-0.2	28.11
	9	0.1	-0.1	0.1	0.2	-0.2	29.97
	10	0.1	-0.1	0.2	0.2	-0.2	30.54
	10	0.1	-0.1	0.2	0.2	-0.2	28.83
	10	0.1	-0.1	0.2	0.2	-0.2	28.08
	10	0.1	-0.1	0.2	0.2	-0.2	30.35
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.41
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.14
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.28
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.40
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.12
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.28
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.41
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.14
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.28
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.40
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.12
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.27
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.41
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.14
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.28
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.39
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.12
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.13
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.27
350 546	1	0.1	-0.2	0.0	0.1	-0.2	0.13
	1	0.1	-0.2	0.0	0.1	-0.2	0.41
	1	0.1	-0.2	0.0	0.1	-0.2	0.29
	1	0.1	-0.2	0.0	0.1	-0.2	0.14
	2	0.1	-0.2	0.0	0.1	-0.2	0.12
	2	0.1	-0.2	0.0	0.1	-0.2	0.40
	2	0.1	-0.2	0.0	0.1	-0.2	0.28
	2	0.1	-0.2	0.0	0.1	-0.2	0.13
	3	0.0	-0.2	-0.0	0.1	-0.2	-12.17
	3	0.0	-0.2	-0.0	0.1	-0.2	-10.46
	3	0.1	-0.2	-0.0	0.1	-0.2	-10.11
	3	0.1	-0.2	-0.0	0.1	-0.2	-11.22
	4	0.0	-0.2	0.0	0.1	-0.2	12.98
	4	0.0	-0.2	0.1	0.1	-0.2	12.85
	4	0.1	-0.2	0.0	0.1	-0.2	10.51
	4	0.1	-0.2	0.0	0.1	-0.2	11.47
	5	0.1	-0.1	-0.2	0.2	-0.2	-29.00
	5	0.1	-0.1	-0.2	0.2	-0.2	-30.21
	5	0.1	-0.1	-0.1	0.2	-0.2	-29.97
	5	0.1	-0.1	-0.2	0.2	-0.2	-28.11
	6	0.1	-0.1	-0.2	0.2	-0.2	-28.83
	6	0.1	-0.1	-0.2	0.2	-0.2	-30.54

	6	0.1	-0.1	-0.2	0.2	-0.2	-30.35
	6	0.1	-0.1	-0.2	0.2	-0.2	-28.08
	7	0.1	-0.1	-0.0	0.1	-0.1	-12.37
	7	0.1	-0.1	-0.1	0.1	-0.1	-13.59
	7	0.1	-0.1	-0.0	0.1	-0.1	-12.15
	7	0.1	-0.1	-0.0	0.1	-0.1	-11.51
	8	0.1	-0.1	0.0	0.1	-0.1	11.35
	8	0.1	-0.1	0.0	0.1	-0.1	10.06
	8	0.1	-0.1	0.0	0.1	-0.1	9.46
	8	0.1	-0.1	0.0	0.1	-0.1	10.76
	9	0.1	-0.2	0.2	0.1	-0.2	27.84
	9	0.1	-0.2	0.2	0.1	-0.3	25.56
	9	0.1	-0.2	0.2	0.2	-0.3	22.72
	9	0.1	-0.2	0.2	0.2	-0.2	26.09
	10	0.1	-0.1	0.2	0.2	-0.2	27.48
	10	0.1	-0.2	0.2	0.1	-0.3	25.22
	10	0.1	-0.2	0.2	0.2	-0.2	22.66
	10	0.1	-0.1	0.2	0.2	-0.2	25.95
	11	0.1	-0.1	0.0	0.1	-0.1	0.13
	11	0.1	-0.1	0.0	0.1	-0.1	0.41
	11	0.1	-0.1	0.0	0.1	-0.1	0.28
	11	0.1	-0.1	0.0	0.1	-0.1	0.14
	12	0.1	-0.1	0.0	0.1	-0.1	0.12
	12	0.1	-0.1	0.0	0.1	-0.1	0.40
	12	0.1	-0.1	0.0	0.1	-0.1	0.28
	12	0.1	-0.1	0.0	0.1	-0.1	0.13
	13	0.1	-0.1	0.0	0.1	-0.1	0.13
	13	0.1	-0.1	0.0	0.1	-0.1	0.41
	13	0.1	-0.1	0.0	0.1	-0.1	0.28
	13	0.1	-0.1	0.0	0.1	-0.1	0.14
	14	0.1	-0.1	0.0	0.1	-0.1	0.12
	14	0.1	-0.1	0.0	0.1	-0.1	0.40
	14	0.1	-0.1	0.0	0.1	-0.1	0.27
	14	0.1	-0.1	0.0	0.1	-0.1	0.13
	15	0.1	-0.1	0.0	0.1	-0.1	0.13
	15	0.1	-0.1	0.0	0.1	-0.1	0.41
	15	0.1	-0.1	0.0	0.1	-0.1	0.28
	15	0.1	-0.1	0.0	0.1	-0.1	0.14
	16	0.1	-0.1	0.0	0.1	-0.1	0.12
	16	0.1	-0.1	0.0	0.1	-0.1	0.39
	16	0.1	-0.1	0.0	0.1	-0.1	0.27
	16	0.1	-0.1	0.0	0.1	-0.1	0.13
421 179	1	0.1	-0.2	0.0	0.1	-0.2	1.87
	1	0.1	-0.2	0.0	0.1	-0.2	3.49
	1	0.2	-0.2	-0.0	0.2	-0.2	-0.18
	1	0.1	-0.2	0.0	0.1	-0.2	0.71
	2	0.1	-0.2	0.0	0.1	-0.2	1.85
	2	0.1	-0.3	0.0	0.1	-0.3	3.47
	2	0.2	-0.3	-0.0	0.2	-0.3	-0.19
	2	0.2	-0.2	0.0	0.2	-0.2	0.70
	3	0.1	-0.2	-0.0	0.1	-0.2	-7.26
	3	0.1	-0.2	-0.0	0.1	-0.2	-2.10
	3	0.1	-0.2	-0.0	0.1	-0.2	-5.98
	3	0.1	-0.2	-0.0	0.1	-0.2	-8.20
	4	0.0	-0.2	0.1	0.1	-0.2	13.27
	4	0.0	-0.3	0.1	0.1	-0.3	11.51
	4	0.1	-0.3	0.0	0.1	-0.3	5.82
	4	0.1	-0.2	0.1	0.1	-0.2	9.43
	5	0.1	-0.1	-0.1	0.2	-0.2	-30.28
	5	0.1	-0.1	-0.1	0.2	-0.1	-26.70
	5	0.1	-0.1	-0.1	0.1	-0.2	-27.78
	5	0.1	-0.1	-0.1	0.1	-0.2	-30.42
	6	0.1	-0.0	-0.1	0.2	-0.1	-31.37
	6	0.1	-0.0	-0.1	0.2	-0.1	-29.60
	6	0.1	-0.1	-0.1	0.1	-0.1	-30.13
	6	0.1	-0.1	-0.1	0.2	-0.2	-31.45
	7	0.1	-0.1	-0.0	0.1	-0.1	-13.66
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.96
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.53
	7	0.1	-0.1	-0.0	0.1	-0.1	-11.85
	8	0.1	-0.1	0.0	0.1	-0.1	10.05
	8	0.1	-0.2	0.0	0.1	-0.2	9.04
	8	0.2	-0.2	0.0	0.2	-0.2	5.36

	8	0.1	-0.1	0.0	0.1	-0.1	8.55
	9	0.0	-0.2	0.2	0.1	-0.3	24.04
	9	0.0	-0.3	0.2	0.1	-0.4	19.59
	9	0.2	-0.3	0.1	0.2	-0.3	13.54
	9	0.1	-0.2	0.1	0.2	-0.3	19.75
	10	0.1	-0.2	0.2	0.1	-0.3	23.82
	10	0.1	-0.3	0.1	0.1	-0.3	19.66
	10	0.2	-0.3	0.1	0.2	-0.3	13.83
	10	0.1	-0.2	0.1	0.2	-0.3	19.85
	11	0.1	-0.1	0.0	0.1	-0.1	1.86
	11	0.1	-0.2	0.0	0.1	-0.2	3.48
	11	0.1	-0.2	-0.0	0.1	-0.2	-0.18
	11	0.1	-0.2	0.0	0.1	-0.2	0.70
	12	0.1	-0.1	0.0	0.1	-0.1	1.85
	12	0.1	-0.2	0.0	0.1	-0.2	3.47
	12	0.1	-0.2	-0.0	0.1	-0.2	-0.19
	12	0.1	-0.2	0.0	0.1	-0.2	0.70
	13	0.1	-0.1	0.0	0.1	-0.1	1.86
	13	0.1	-0.2	0.0	0.1	-0.2	3.48
	13	0.1	-0.2	-0.0	0.1	-0.2	-0.18
	13	0.1	-0.2	0.0	0.1	-0.2	0.70
	14	0.1	-0.1	0.0	0.1	-0.1	1.85
	14	0.1	-0.2	0.0	0.1	-0.2	3.46
	14	0.1	-0.2	-0.0	0.1	-0.2	-0.19
	14	0.1	-0.2	0.0	0.1	-0.2	0.69
	15	0.1	-0.1	0.0	0.1	-0.1	1.86
	15	0.1	-0.2	0.0	0.1	-0.2	3.48
	15	0.1	-0.2	-0.0	0.1	-0.2	-0.18
	15	0.1	-0.2	0.0	0.1	-0.2	0.70
	16	0.1	-0.1	0.0	0.1	-0.1	1.84
	16	0.1	-0.2	0.0	0.1	-0.2	3.46
	16	0.1	-0.2	-0.0	0.1	-0.2	-0.19
	16	0.1	-0.2	0.0	0.1	-0.2	0.69
550 505	1	0.1	-0.3	0.0	0.1	-0.3	5.23
	1	0.2	-0.4	0.0	0.2	-0.4	1.82
	1	0.2	-0.3	-0.1	0.3	-0.4	-7.95
	1	0.2	-0.3	-0.0	0.2	-0.3	-1.35
	2	0.1	-0.3	0.0	0.1	-0.3	5.23
	2	0.2	-0.5	0.0	0.2	-0.5	1.83
	2	0.3	-0.4	-0.1	0.3	-0.4	-7.93
	2	0.2	-0.3	-0.0	0.2	-0.3	-1.36
	3	0.1	-0.3	0.0	0.1	-0.3	0.76
	3	0.1	-0.4	0.0	0.1	-0.4	1.19
	3	0.2	-0.3	-0.1	0.2	-0.3	-8.63
	3	0.1	-0.3	-0.0	0.1	-0.3	-4.91
	4	0.1	-0.3	0.1	0.1	-0.4	10.58
	4	0.1	-0.5	0.0	0.1	-0.5	3.04
	4	0.2	-0.4	-0.1	0.2	-0.4	-5.90
	4	0.1	-0.3	0.0	0.1	-0.3	2.78
	5	0.1	-0.1	-0.1	0.2	-0.1	-21.04
	5	0.2	-0.2	-0.0	0.2	-0.2	-3.42
	5	0.0	-0.2	-0.1	0.1	-0.2	-17.75
	5	0.1	-0.1	-0.1	0.1	-0.2	-24.46
	6	0.1	-0.0	-0.1	0.2	-0.1	-25.06
	6	0.2	-0.1	-0.0	0.2	-0.1	-4.95
	6	0.0	-0.1	-0.1	0.1	-0.2	-21.64
	6	0.1	-0.1	-0.1	0.1	-0.1	-28.06
	7	0.1	-0.1	-0.0	0.1	-0.1	-5.86
	7	0.1	-0.1	-0.0	0.1	-0.1	-0.46
	7	0.1	-0.1	-0.1	0.1	-0.2	-12.27
	7	0.1	-0.1	-0.0	0.1	-0.1	-9.36
	8	0.1	-0.2	0.1	0.1	-0.2	10.13
	8	0.1	-0.3	0.0	0.1	-0.3	2.62
	8	0.2	-0.2	-0.1	0.2	-0.2	-7.10
	8	0.2	-0.2	0.0	0.2	-0.2	2.16
	9	0.1	-0.4	0.2	0.1	-0.4	17.37
	9	0.1	-0.5	0.0	0.1	-0.5	4.58
	9	0.3	-0.4	-0.1	0.3	-0.4	-4.04
	9	0.2	-0.4	0.1	0.2	-0.4	7.95
	10	0.1	-0.4	0.2	0.1	-0.4	17.81
	10	0.1	-0.5	0.0	0.1	-0.5	4.64
	10	0.3	-0.3	-0.0	0.3	-0.3	-4.10
	10	0.2	-0.3	0.1	0.2	-0.3	8.15

	11	0.1	-0.2	0.0	0.1	-0.2	5.23
	11	0.1	-0.3	0.0	0.1	-0.3	1.83
	11	0.2	-0.3	-0.1	0.2	-0.3	-7.94
	11	0.1	-0.2	-0.0	0.1	-0.2	-1.35
	12	0.1	-0.2	0.0	0.1	-0.2	5.23
	12	0.1	-0.3	0.0	0.1	-0.3	1.83
	12	0.2	-0.3	-0.1	0.2	-0.3	-7.93
	12	0.1	-0.2	-0.0	0.1	-0.2	-1.36
	13	0.1	-0.2	0.0	0.1	-0.2	5.23
	13	0.1	-0.3	0.0	0.1	-0.3	1.83
	13	0.2	-0.3	-0.1	0.2	-0.3	-7.94
	13	0.1	-0.2	-0.0	0.1	-0.2	-1.35
	14	0.1	-0.2	0.0	0.1	-0.2	5.23
	14	0.1	-0.3	0.0	0.1	-0.3	1.83
	14	0.2	-0.3	-0.1	0.2	-0.3	-7.92
	14	0.1	-0.2	-0.0	0.1	-0.2	-1.36
	15	0.1	-0.2	0.0	0.1	-0.2	5.23
	15	0.1	-0.3	0.0	0.1	-0.3	1.83
	15	0.2	-0.3	-0.1	0.2	-0.3	-7.94
	15	0.1	-0.2	-0.0	0.1	-0.2	-1.35
	16	0.1	-0.2	0.0	0.1	-0.2	5.23
	16	0.1	-0.3	0.0	0.1	-0.3	1.84
	16	0.2	-0.3	-0.1	0.2	-0.3	-7.91
	16	0.1	-0.2	-0.0	0.1	-0.2	-1.36
246 535	1	0.2	-0.2	0.0	0.2	-0.2	2.94
	1	0.2	-0.2	0.0	0.2	-0.2	1.27
	1	0.2	-0.2	0.0	0.2	-0.2	3.34
	1	0.2	-0.2	0.0	0.2	-0.2	4.91
	2	0.2	-0.3	0.0	0.2	-0.3	2.95
	2	0.2	-0.2	0.0	0.2	-0.2	1.28
	2	0.2	-0.2	0.0	0.2	-0.2	3.36
	2	0.2	-0.2	0.0	0.2	-0.2	4.93
	3	0.1	-0.3	-0.0	0.1	-0.3	-1.50
	3	0.1	-0.2	-0.0	0.1	-0.2	-6.21
	3	0.1	-0.2	-0.0	0.1	-0.2	-1.58
	3	0.2	-0.2	0.0	0.2	-0.2	1.30
	4	0.1	-0.2	0.1	0.1	-0.2	9.37
	4	0.1	-0.2	0.0	0.1	-0.2	9.04
	4	0.1	-0.2	0.1	0.1	-0.2	10.86
	4	0.1	-0.2	0.1	0.1	-0.2	11.44
	5	0.2	-0.3	-0.1	0.2	-0.3	-9.96
	5	0.2	-0.2	-0.1	0.2	-0.3	-16.47
	5	0.2	-0.2	-0.1	0.2	-0.2	-11.69
	5	0.2	-0.2	-0.1	0.3	-0.2	-7.24
	6	0.2	-0.2	-0.1	0.2	-0.3	-10.69
	6	0.2	-0.2	-0.1	0.2	-0.2	-16.65
	6	0.2	-0.2	-0.1	0.2	-0.2	-12.34
	6	0.3	-0.2	-0.1	0.3	-0.2	-8.15
	7	0.2	-0.1	-0.0	0.2	-0.1	-3.39
	7	0.2	-0.1	-0.0	0.2	-0.1	-5.87
	7	0.2	-0.1	-0.0	0.2	-0.1	-3.75
	7	0.2	-0.1	-0.0	0.2	-0.1	-1.53
	8	0.1	-0.1	0.0	0.1	-0.1	10.13
	8	0.1	-0.1	0.0	0.1	-0.1	11.54
	8	0.2	-0.1	0.0	0.2	-0.1	9.99
	8	0.2	-0.1	0.0	0.2	-0.1	10.54
	9	0.1	-0.1	0.1	0.1	-0.2	27.08
	9	0.1	-0.1	0.1	0.1	-0.2	28.63
	9	0.1	-0.1	0.1	0.1	-0.2	26.81
	9	0.1	-0.1	0.1	0.1	-0.2	27.08
	10	0.1	-0.1	0.1	0.1	-0.1	28.55
	10	0.1	-0.1	0.1	0.2	-0.2	29.58
	10	0.1	-0.1	0.1	0.2	-0.1	27.21
	10	0.1	-0.1	0.1	0.1	-0.1	28.02
	11	0.1	-0.2	0.0	0.1	-0.2	2.95
	11	0.1	-0.1	0.0	0.1	-0.1	1.28
	11	0.1	-0.1	0.0	0.1	-0.1	3.35
	11	0.2	-0.2	0.0	0.2	-0.2	4.92
	12	0.1	-0.2	0.0	0.1	-0.2	2.95
	12	0.1	-0.1	0.0	0.1	-0.1	1.28
	12	0.1	-0.1	0.0	0.1	-0.1	3.36
	12	0.2	-0.2	0.0	0.2	-0.2	4.93
	13	0.1	-0.2	0.0	0.1	-0.2	2.95

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

	13	0.1	-0.1	0.0	0.1	-0.1	1.28
	13	0.1	-0.1	0.0	0.1	-0.1	3.35
	13	0.2	-0.2	0.0	0.2	-0.2	4.92
	14	0.1	-0.2	0.0	0.1	-0.2	2.96
	14	0.1	-0.1	0.0	0.1	-0.1	1.29
	14	0.1	-0.1	0.0	0.1	-0.1	3.36
	14	0.2	-0.2	0.0	0.2	-0.2	4.94
	15	0.1	-0.2	0.0	0.1	-0.2	2.95
	15	0.1	-0.1	0.0	0.1	-0.1	1.28
	15	0.1	-0.1	0.0	0.1	-0.1	3.35
	15	0.2	-0.2	0.0	0.2	-0.2	4.92
	16	0.1	-0.2	0.0	0.1	-0.2	2.96
	16	0.1	-0.1	0.0	0.1	-0.1	1.29
	16	0.1	-0.1	0.0	0.1	-0.1	3.37
	16	0.2	-0.2	0.0	0.2	-0.2	4.94
537 346	1	0.2	-0.2	0.0	0.2	-0.2	0.63
	1	0.1	-0.2	0.0	0.1	-0.2	0.15
	1	0.2	-0.2	0.0	0.2	-0.2	0.60
	1	0.2	-0.2	0.0	0.2	-0.2	1.91
	2	0.2	-0.2	0.0	0.2	-0.2	0.64
	2	0.2	-0.2	0.0	0.2	-0.2	0.16
	2	0.2	-0.2	0.0	0.2	-0.2	0.60
	2	0.2	-0.2	0.0	0.2	-0.2	1.92
	3	0.1	-0.2	-0.0	0.1	-0.2	-7.89
	3	0.1	-0.2	-0.0	0.1	-0.2	-9.44
	3	0.1	-0.2	-0.0	0.1	-0.2	-6.62
	3	0.1	-0.2	-0.0	0.1	-0.2	-4.14
	4	0.1	-0.2	0.0	0.1	-0.2	9.74
	4	0.1	-0.2	0.0	0.1	-0.2	9.92
	4	0.1	-0.2	0.0	0.1	-0.2	8.42
	4	0.1	-0.2	0.0	0.1	-0.2	9.80
	5	0.1	-0.2	-0.1	0.2	-0.2	-19.73
	5	0.1	-0.1	-0.1	0.2	-0.2	-23.61
	5	0.1	-0.1	-0.1	0.2	-0.2	-19.54
	5	0.2	-0.2	-0.1	0.2	-0.2	-15.31
	6	0.2	-0.2	-0.1	0.2	-0.2	-19.81
	6	0.1	-0.1	-0.1	0.2	-0.2	-23.59
	6	0.2	-0.1	-0.1	0.2	-0.2	-19.69
	6	0.2	-0.2	-0.1	0.2	-0.2	-15.70
	7	0.2	-0.1	-0.0	0.2	-0.1	-7.63
	7	0.1	-0.1	-0.0	0.2	-0.1	-9.23
	7	0.2	-0.1	-0.0	0.2	-0.1	-7.11
	7	0.2	-0.1	-0.0	0.2	-0.1	-5.47
	8	0.1	-0.1	0.0	0.1	-0.1	11.01
	8	0.1	-0.1	0.0	0.1	-0.1	10.19
	8	0.2	-0.1	0.0	0.2	-0.1	8.27
	8	0.2	-0.1	0.0	0.2	-0.1	9.25
	9	0.1	-0.1	0.1	0.2	-0.2	28.23
	9	0.1	-0.1	0.1	0.2	-0.2	25.99
	9	0.1	-0.1	0.1	0.2	-0.2	22.59
	9	0.1	-0.1	0.1	0.1	-0.2	25.49
	10	0.1	-0.1	0.1	0.2	-0.2	28.62
	10	0.1	-0.1	0.1	0.2	-0.2	26.04
	10	0.1	-0.1	0.1	0.2	-0.2	22.63
	10	0.1	-0.1	0.1	0.2	-0.1	25.65
	11	0.1	-0.1	0.0	0.1	-0.1	0.64
	11	0.1	-0.1	0.0	0.1	-0.1	0.15
	11	0.1	-0.1	0.0	0.1	-0.1	0.60
	11	0.1	-0.1	0.0	0.1	-0.1	1.91
	12	0.1	-0.1	0.0	0.1	-0.1	0.64
	12	0.1	-0.1	0.0	0.1	-0.1	0.16
	12	0.1	-0.1	0.0	0.1	-0.1	0.60
	12	0.1	-0.1	0.0	0.1	-0.1	1.92
	13	0.1	-0.1	0.0	0.1	-0.1	0.64
	13	0.1	-0.1	0.0	0.1	-0.1	0.15
	13	0.1	-0.1	0.0	0.1	-0.1	0.60
	13	0.1	-0.1	0.0	0.1	-0.1	1.91
	14	0.1	-0.1	0.0	0.1	-0.1	0.64
	14	0.1	-0.1	0.0	0.1	-0.1	0.16
	14	0.1	-0.1	0.0	0.1	-0.1	0.61
	14	0.1	-0.1	0.0	0.1	-0.1	1.92
	15	0.1	-0.1	0.0	0.1	-0.1	0.64
	15	0.1	-0.1	0.0	0.1	-0.1	0.15

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

	15	0.1	-0.1	0.0	0.1	-0.1	0.60
	15	0.1	-0.1	0.0	0.1	-0.1	1.91
	16	0.1	-0.1	0.0	0.1	-0.1	0.65
	16	0.1	-0.1	0.0	0.1	-0.1	0.16
	16	0.1	-0.1	0.0	0.1	-0.1	0.61
	16	0.1	-0.1	0.0	0.1	-0.1	1.92
348 398	1	0.1	-0.2	-0.0	0.1	-0.2	-0.15
	1	0.2	-0.2	-0.0	0.2	-0.2	-0.63
	1	0.2	-0.2	-0.0	0.2	-0.2	-1.91
	1	0.2	-0.2	-0.0	0.2	-0.2	-0.60
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.16
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.64
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.92
	2	0.2	-0.2	-0.0	0.2	-0.2	-0.60
	3	0.1	-0.2	-0.0	0.1	-0.2	-9.92
	3	0.1	-0.2	-0.0	0.1	-0.2	-9.74
	3	0.1	-0.2	-0.0	0.1	-0.2	-9.80
	3	0.1	-0.2	-0.0	0.1	-0.2	-8.42
	4	0.1	-0.2	0.0	0.1	-0.2	9.44
	4	0.1	-0.2	0.0	0.1	-0.2	7.89
	4	0.1	-0.2	0.0	0.1	-0.2	4.14
	4	0.1	-0.2	0.0	0.1	-0.2	6.62
	5	0.1	-0.1	-0.1	0.2	-0.2	-25.99
	5	0.1	-0.1	-0.1	0.2	-0.2	-28.23
	5	0.1	-0.1	-0.1	0.1	-0.2	-25.49
	5	0.1	-0.1	-0.1	0.2	-0.2	-22.59
	6	0.1	-0.1	-0.1	0.2	-0.2	-26.04
	6	0.1	-0.1	-0.1	0.2	-0.2	-28.62
	6	0.1	-0.1	-0.1	0.2	-0.1	-25.65
	6	0.1	-0.1	-0.1	0.2	-0.2	-22.63
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.19
	7	0.1	-0.1	-0.0	0.1	-0.1	-11.01
	7	0.2	-0.1	-0.0	0.2	-0.1	-9.25
	7	0.2	-0.1	-0.0	0.2	-0.1	-8.27
	8	0.1	-0.1	0.0	0.2	-0.1	9.23
	8	0.2	-0.1	0.0	0.2	-0.1	7.63
	8	0.2	-0.1	0.0	0.2	-0.1	5.47
	8	0.2	-0.1	0.0	0.2	-0.1	7.11
	9	0.1	-0.1	0.1	0.2	-0.2	23.61
	9	0.1	-0.2	0.1	0.2	-0.2	19.73
	9	0.2	-0.2	0.1	0.2	-0.2	15.31
	9	0.1	-0.1	0.1	0.2	-0.2	19.54
	10	0.1	-0.1	0.1	0.2	-0.2	23.59
	10	0.2	-0.2	0.1	0.2	-0.2	19.81
	10	0.2	-0.2	0.1	0.2	-0.2	15.70
	10	0.2	-0.1	0.1	0.2	-0.2	19.69
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.15
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.64
	11	0.1	-0.1	-0.0	0.1	-0.1	-1.91
	11	0.1	-0.1	-0.0	0.1	-0.1	-0.60
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.16
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.64
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.92
	12	0.1	-0.1	-0.0	0.1	-0.1	-0.60
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.15
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.64
	13	0.1	-0.1	-0.0	0.1	-0.1	-1.91
	13	0.1	-0.1	-0.0	0.1	-0.1	-0.60
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.16
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.65
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.92
	14	0.1	-0.1	-0.0	0.1	-0.1	-0.61
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.15
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.64
	15	0.1	-0.1	-0.0	0.1	-0.1	-1.91
	15	0.1	-0.1	-0.0	0.1	-0.1	-0.60
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.16
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.65
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.92
	16	0.1	-0.1	-0.0	0.1	-0.1	-0.61
546 444	1	0.2	-0.2	-0.0	0.2	-0.2	-1.27
	1	0.2	-0.2	-0.0	0.2	-0.2	-2.94

	1	0.2	-0.2	-0.0	0.2	-0.2	-4.91
	1	0.2	-0.2	-0.0	0.2	-0.2	-3.34
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.28
	2	0.2	-0.3	-0.0	0.2	-0.3	-2.95
	2	0.2	-0.2	-0.0	0.2	-0.2	-4.93
	2	0.2	-0.2	-0.0	0.2	-0.2	-3.36
	3	0.1	-0.2	-0.0	0.1	-0.2	-9.04
	3	0.1	-0.2	-0.1	0.1	-0.2	-9.37
	3	0.1	-0.2	-0.1	0.1	-0.2	-11.44
	3	0.1	-0.2	-0.1	0.1	-0.2	-10.86
	4	0.1	-0.2	0.0	0.1	-0.2	6.21
	4	0.1	-0.3	0.0	0.1	-0.3	1.50
	4	0.2	-0.2	-0.0	0.2	-0.2	-1.30
	4	0.1	-0.2	0.0	0.1	-0.2	1.58
	5	0.1	-0.1	-0.1	0.1	-0.2	-28.63
	5	0.1	-0.1	-0.1	0.1	-0.2	-27.08
	5	0.1	-0.1	-0.1	0.1	-0.2	-27.08
	5	0.1	-0.1	-0.1	0.1	-0.2	-26.81
	6	0.1	-0.1	-0.1	0.2	-0.2	-29.58
	6	0.1	-0.1	-0.1	0.1	-0.1	-28.55
	6	0.1	-0.1	-0.1	0.1	-0.1	-28.02
	6	0.1	-0.1	-0.1	0.2	-0.1	-27.21
	7	0.1	-0.1	-0.0	0.1	-0.1	-11.54
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.13
	7	0.2	-0.1	-0.0	0.2	-0.1	-10.54
	7	0.2	-0.1	-0.0	0.2	-0.1	-9.99
	8	0.2	-0.1	0.0	0.2	-0.1	5.87
	8	0.2	-0.1	0.0	0.2	-0.1	3.39
	8	0.2	-0.1	0.0	0.2	-0.1	1.53
	8	0.2	-0.1	0.0	0.2	-0.1	3.75
	9	0.2	-0.2	0.1	0.2	-0.3	16.47
	9	0.2	-0.3	0.1	0.2	-0.3	9.96
	9	0.2	-0.2	0.1	0.3	-0.2	7.24
	9	0.2	-0.2	0.1	0.2	-0.2	11.69
	10	0.2	-0.2	0.1	0.2	-0.2	16.65
	10	0.2	-0.2	0.1	0.2	-0.3	10.69
	10	0.3	-0.2	0.1	0.3	-0.2	8.15
	10	0.2	-0.2	0.1	0.2	-0.2	12.34
	11	0.1	-0.1	-0.0	0.1	-0.1	-1.28
	11	0.1	-0.2	-0.0	0.1	-0.2	-2.95
	11	0.2	-0.2	-0.0	0.2	-0.2	-4.92
	11	0.1	-0.1	-0.0	0.1	-0.1	-3.35
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.28
	12	0.1	-0.2	-0.0	0.1	-0.2	-2.95
	12	0.2	-0.2	-0.0	0.2	-0.2	-4.93
	12	0.1	-0.1	-0.0	0.1	-0.1	-3.36
	13	0.1	-0.1	-0.0	0.1	-0.1	-1.28
	13	0.1	-0.2	-0.0	0.1	-0.2	-2.95
	13	0.2	-0.2	-0.0	0.2	-0.2	-4.92
	13	0.1	-0.1	-0.0	0.1	-0.1	-3.35
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.29
	14	0.1	-0.2	-0.0	0.1	-0.2	-2.96
	14	0.2	-0.2	-0.0	0.2	-0.2	-4.94
	14	0.1	-0.1	-0.0	0.1	-0.1	-3.36
	15	0.1	-0.1	-0.0	0.1	-0.1	-1.28
	15	0.1	-0.2	-0.0	0.1	-0.2	-2.95
	15	0.2	-0.2	-0.0	0.2	-0.2	-4.92
	15	0.1	-0.1	-0.0	0.1	-0.1	-3.35
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.29
	16	0.1	-0.2	-0.0	0.1	-0.2	-2.96
	16	0.2	-0.2	-0.0	0.2	-0.2	-4.94
	16	0.1	-0.1	-0.0	0.1	-0.1	-3.37
179 503	1	0.2	-0.2	-0.0	0.2	-0.2	-6.09
	1	0.2	-0.3	-0.1	0.2	-0.3	-10.13
	1	0.2	-0.3	-0.1	0.3	-0.3	-10.46
	1	0.2	-0.2	-0.1	0.2	-0.2	-7.92
	2	0.2	-0.3	-0.1	0.2	-0.3	-6.11
	2	0.2	-0.4	-0.1	0.3	-0.4	-10.13
	2	0.3	-0.3	-0.1	0.3	-0.3	-10.47
	2	0.3	-0.2	-0.1	0.3	-0.2	-7.94
	3	0.1	-0.2	-0.1	0.1	-0.2	-10.58
	3	0.2	-0.3	-0.1	0.2	-0.3	-8.00
	3	0.2	-0.3	-0.1	0.2	-0.3	-14.78

	3	0.1	-0.2	-0.1	0.1	-0.3	-12.37
	4	0.1	-0.3	-0.0	0.1	-0.3	-3.00
	4	0.2	-0.4	-0.1	0.2	-0.4	-10.15
	4	0.2	-0.3	-0.1	0.3	-0.3	-6.74
	4	0.2	-0.2	-0.0	0.2	-0.2	-5.52
	5	0.1	-0.1	-0.1	0.1	-0.2	-23.34
	5	0.1	-0.2	-0.0	0.1	-0.2	-3.18
	5	0.0	-0.2	-0.2	0.1	-0.3	-29.58
	5	0.1	-0.2	-0.1	0.1	-0.3	-19.92
	6	0.1	-0.1	-0.1	0.1	-0.1	-25.01
	6	0.1	-0.1	-0.0	0.1	-0.1	-2.44
	6	0.0	-0.1	-0.2	0.1	-0.2	-32.83
	6	0.1	-0.2	-0.1	0.1	-0.2	-20.32
	7	0.1	-0.1	-0.0	0.2	-0.1	-11.31
	7	0.1	-0.1	-0.0	0.1	-0.1	-10.07
	7	0.1	-0.1	-0.1	0.2	-0.1	-18.12
	7	0.2	-0.1	-0.1	0.2	-0.1	-11.23
	8	0.2	-0.1	-0.0	0.2	-0.1	-0.96
	8	0.2	-0.2	-0.1	0.2	-0.2	-12.78
	8	0.2	-0.1	-0.0	0.2	-0.1	-4.67
	8	0.2	-0.1	-0.0	0.2	-0.1	-1.86
	9	0.2	-0.3	0.0	0.2	-0.3	4.14
	9	0.2	-0.4	-0.1	0.3	-0.4	-12.49
	9	0.3	-0.3	0.0	0.3	-0.3	0.83
	9	0.3	-0.1	0.0	0.3	-0.1	4.00
	10	0.2	-0.2	0.0	0.2	-0.2	5.06
	10	0.2	-0.3	-0.1	0.2	-0.3	-13.25
	10	0.3	-0.3	0.0	0.3	-0.3	2.02
	10	0.3	-0.1	0.0	0.3	-0.1	5.67
	11	0.1	-0.2	-0.0	0.2	-0.2	-6.10
	11	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	11	0.2	-0.2	-0.1	0.2	-0.2	-10.46
	11	0.2	-0.2	-0.0	0.2	-0.2	-7.93
	12	0.1	-0.2	-0.0	0.2	-0.2	-6.11
	12	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	12	0.2	-0.2	-0.1	0.2	-0.2	-10.47
	12	0.2	-0.2	-0.0	0.2	-0.2	-7.94
	13	0.1	-0.2	-0.0	0.2	-0.2	-6.10
	13	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	13	0.2	-0.2	-0.1	0.2	-0.2	-10.46
	13	0.2	-0.2	-0.0	0.2	-0.2	-7.93
	14	0.1	-0.2	-0.0	0.2	-0.2	-6.11
	14	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	14	0.2	-0.2	-0.1	0.2	-0.2	-10.47
	14	0.2	-0.2	-0.0	0.2	-0.2	-7.95
	15	0.1	-0.2	-0.0	0.2	-0.2	-6.10
	15	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	15	0.2	-0.2	-0.1	0.2	-0.2	-10.46
	15	0.2	-0.2	-0.0	0.2	-0.2	-7.93
	16	0.1	-0.2	-0.0	0.2	-0.2	-6.11
	16	0.2	-0.2	-0.1	0.2	-0.2	-10.13
	16	0.2	-0.2	-0.1	0.2	-0.2	-10.48
	16	0.2	-0.2	-0.0	0.2	-0.2	-7.96
244 533	1	0.2	-0.2	0.1	0.2	-0.2	7.05
	1	0.2	-0.2	0.0	0.2	-0.2	5.38
	1	0.2	-0.1	0.1	0.2	-0.2	7.85
	1	0.2	-0.2	0.1	0.3	-0.2	10.16
	2	0.3	-0.2	0.1	0.3	-0.2	7.07
	2	0.2	-0.2	0.0	0.2	-0.2	5.40
	2	0.3	-0.2	0.1	0.3	-0.2	7.87
	2	0.3	-0.2	0.1	0.3	-0.2	10.18
	3	0.2	-0.2	0.0	0.2	-0.2	4.53
	3	0.2	-0.2	0.0	0.2	-0.2	2.05
	3	0.2	-0.2	0.0	0.2	-0.2	6.11
	3	0.2	-0.2	0.1	0.2	-0.2	9.07
	4	0.1	-0.2	0.1	0.1	-0.2	12.95
	4	0.1	-0.2	0.1	0.1	-0.2	11.63
	4	0.1	-0.1	0.1	0.2	-0.2	12.65
	4	0.1	-0.2	0.1	0.2	-0.2	14.66
	5	0.3	-0.2	-0.0	0.3	-0.2	-3.13
	5	0.2	-0.2	-0.0	0.2	-0.2	-6.62
	5	0.2	-0.1	-0.0	0.2	-0.1	-0.69
	5	0.3	-0.2	0.0	0.3	-0.2	3.30

	6	0.3	-0.2	-0.0	0.3	-0.2	-4.15
	6	0.2	-0.2	-0.1	0.2	-0.2	-7.40
	6	0.2	-0.1	-0.0	0.2	-0.1	-1.59
	6	0.3	-0.1	0.0	0.3	-0.1	2.26
	7	0.2	-0.1	0.0	0.2	-0.1	1.20
	7	0.2	-0.1	-0.0	0.2	-0.1	-0.60
	7	0.2	-0.1	0.0	0.2	-0.1	3.11
	7	0.2	-0.1	0.0	0.2	-0.1	5.60
	8	0.2	-0.1	0.0	0.2	-0.1	10.98
	8	0.2	-0.1	0.0	0.2	-0.1	9.87
	8	0.2	-0.1	0.0	0.2	-0.1	10.21
	8	0.2	-0.1	0.1	0.2	-0.1	11.91
	9	0.1	-0.1	0.1	0.1	-0.2	26.18
	9	0.1	-0.1	0.1	0.1	-0.2	24.63
	9	0.1	-0.1	0.1	0.1	-0.1	21.52
	9	0.1	-0.1	0.1	0.1	-0.1	23.42
	10	0.1	-0.1	0.1	0.1	-0.1	26.73
	10	0.1	-0.1	0.1	0.1	-0.1	24.74
	10	0.1	-0.1	0.1	0.1	-0.1	21.28
	10	0.1	-0.1	0.1	0.1	-0.1	23.38
	11	0.2	-0.1	0.0	0.2	-0.1	7.06
	11	0.2	-0.1	0.0	0.2	-0.1	5.39
	11	0.2	-0.1	0.0	0.2	-0.1	7.86
	11	0.2	-0.1	0.1	0.2	-0.1	10.17
	12	0.2	-0.1	0.0	0.2	-0.1	7.07
	12	0.2	-0.1	0.0	0.2	-0.1	5.40
	12	0.2	-0.1	0.0	0.2	-0.1	7.87
	12	0.2	-0.1	0.1	0.2	-0.1	10.18
	13	0.2	-0.1	0.0	0.2	-0.1	7.06
	13	0.2	-0.1	0.0	0.2	-0.1	5.39
	13	0.2	-0.1	0.0	0.2	-0.1	7.86
	13	0.2	-0.1	0.1	0.2	-0.1	10.17
	14	0.2	-0.1	0.0	0.2	-0.1	7.08
	14	0.2	-0.1	0.0	0.2	-0.1	5.40
	14	0.2	-0.1	0.0	0.2	-0.1	7.88
	14	0.2	-0.1	0.1	0.2	-0.1	10.19
	15	0.2	-0.1	0.0	0.2	-0.1	7.06
	15	0.2	-0.1	0.0	0.2	-0.1	5.39
	15	0.2	-0.1	0.0	0.2	-0.1	7.86
	15	0.2	-0.1	0.1	0.2	-0.1	10.17
	16	0.2	-0.1	0.0	0.2	-0.1	7.09
	16	0.2	-0.1	0.0	0.2	-0.1	5.41
	16	0.2	-0.1	0.0	0.2	-0.1	7.88
	16	0.2	-0.1	0.1	0.2	-0.1	10.20
535 541	1	0.2	-0.2	0.0	0.2	-0.2	3.27
	1	0.2	-0.2	0.0	0.2	-0.2	1.08
	1	0.2	-0.1	0.0	0.2	-0.1	1.65
	1	0.2	-0.1	0.0	0.2	-0.1	4.94
	2	0.2	-0.2	0.0	0.2	-0.2	3.29
	2	0.2	-0.2	0.0	0.2	-0.2	1.09
	2	0.2	-0.2	0.0	0.2	-0.2	1.65
	2	0.2	-0.2	0.0	0.3	-0.2	4.95
	3	0.1	-0.2	-0.0	0.1	-0.2	-1.07
	3	0.1	-0.1	-0.0	0.1	-0.1	-4.29
	3	0.1	-0.1	-0.0	0.1	-0.1	-1.90
	3	0.2	-0.1	0.0	0.2	-0.1	2.33
	4	0.1	-0.1	0.0	0.1	-0.2	9.66
	4	0.1	-0.1	0.0	0.1	-0.1	7.14
	4	0.1	-0.1	0.0	0.1	-0.1	5.93
	4	0.1	-0.1	0.0	0.1	-0.1	9.69
	5	0.2	-0.2	-0.1	0.2	-0.2	-10.79
	5	0.2	-0.1	-0.1	0.2	-0.2	-15.31
	5	0.2	-0.1	-0.1	0.2	-0.1	-10.31
	5	0.2	-0.1	-0.0	0.2	-0.1	-5.29
	6	0.2	-0.1	-0.1	0.2	-0.2	-11.31
	6	0.2	-0.1	-0.1	0.2	-0.1	-15.53
	6	0.2	-0.1	-0.1	0.2	-0.1	-10.62
	6	0.2	-0.1	-0.0	0.2	-0.1	-5.94
	7	0.2	-0.1	-0.0	0.2	-0.1	-2.83
	7	0.2	-0.1	-0.0	0.2	-0.1	-4.96
	7	0.2	-0.1	-0.0	0.2	-0.1	-2.73
	7	0.2	-0.1	0.0	0.2	-0.1	0.24
	8	0.2	-0.1	0.0	0.2	-0.1	8.51

	8	0.2	-0.1	0.0	0.2	-0.1	6.82
	8	0.2	-0.1	0.0	0.2	-0.1	5.48
	8	0.2	-0.1	0.0	0.2	-0.1	8.08
	9	0.1	-0.1	0.1	0.1	-0.1	22.51
	9	0.1	-0.1	0.1	0.2	-0.2	19.00
	9	0.1	-0.1	0.1	0.2	-0.1	14.70
	9	0.1	-0.1	0.1	0.1	-0.1	18.81
	10	0.1	-0.1	0.1	0.2	-0.1	22.52
	10	0.1	-0.1	0.1	0.2	-0.1	19.03
	10	0.2	-0.1	0.1	0.2	-0.1	14.71
	10	0.1	-0.1	0.1	0.2	-0.1	18.63
	11	0.2	-0.1	0.0	0.2	-0.1	3.28
	11	0.2	-0.1	0.0	0.2	-0.1	1.08
	11	0.2	-0.1	0.0	0.2	-0.1	1.65
	11	0.2	-0.1	0.0	0.2	-0.1	4.94
	12	0.2	-0.1	0.0	0.2	-0.1	3.29
	12	0.1	-0.1	0.0	0.1	-0.1	1.09
	12	0.2	-0.1	0.0	0.2	-0.1	1.65
	12	0.2	-0.1	0.0	0.2	-0.1	4.95
	13	0.2	-0.1	0.0	0.2	-0.1	3.28
	13	0.2	-0.1	0.0	0.2	-0.1	1.08
	13	0.2	-0.1	0.0	0.2	-0.1	1.65
	13	0.2	-0.1	0.0	0.2	-0.1	4.94
	14	0.2	-0.1	0.0	0.2	-0.1	3.29
	14	0.1	-0.1	0.0	0.1	-0.1	1.09
	14	0.2	-0.1	0.0	0.2	-0.1	1.65
	14	0.2	-0.1	0.0	0.2	-0.1	4.95
	15	0.2	-0.1	0.0	0.2	-0.1	3.28
	15	0.2	-0.1	0.0	0.2	-0.1	1.08
	15	0.2	-0.1	0.0	0.2	-0.1	1.65
	15	0.2	-0.1	0.0	0.2	-0.1	4.94
	16	0.2	-0.1	0.0	0.2	-0.1	3.29
	16	0.1	-0.1	0.0	0.1	-0.1	1.09
	16	0.2	-0.1	0.0	0.2	-0.1	1.65
	16	0.2	-0.1	0.0	0.2	-0.1	4.96
346 545	1	0.2	-0.2	-0.0	0.2	-0.2	-1.08
	1	0.2	-0.2	-0.0	0.2	-0.2	-3.27
	1	0.2	-0.1	-0.0	0.2	-0.1	-4.94
	1	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.09
	2	0.2	-0.2	-0.0	0.2	-0.2	-3.29
	2	0.2	-0.2	-0.0	0.3	-0.2	-4.95
	2	0.2	-0.2	-0.0	0.2	-0.2	-1.65
	3	0.1	-0.1	-0.0	0.1	-0.1	-7.14
	3	0.1	-0.1	-0.0	0.1	-0.2	-9.66
	3	0.1	-0.1	-0.0	0.1	-0.1	-9.69
	3	0.1	-0.1	-0.0	0.1	-0.1	-5.93
	4	0.1	-0.1	0.0	0.1	-0.1	4.29
	4	0.1	-0.2	0.0	0.1	-0.2	1.07
	4	0.2	-0.1	-0.0	0.2	-0.1	-2.33
	4	0.1	-0.1	0.0	0.1	-0.1	1.90
	5	0.1	-0.1	-0.1	0.2	-0.2	-19.00
	5	0.1	-0.1	-0.1	0.1	-0.1	-22.51
	5	0.1	-0.1	-0.1	0.1	-0.1	-18.80
	5	0.1	-0.1	-0.1	0.2	-0.1	-14.70
	6	0.1	-0.1	-0.1	0.2	-0.1	-19.03
	6	0.1	-0.1	-0.1	0.2	-0.1	-22.52
	6	0.1	-0.1	-0.1	0.2	-0.1	-18.63
	6	0.2	-0.1	-0.1	0.2	-0.1	-14.71
	7	0.2	-0.1	-0.0	0.2	-0.1	-6.82
	7	0.2	-0.1	-0.0	0.2	-0.1	-8.51
	7	0.2	-0.1	-0.0	0.2	-0.1	-8.08
	7	0.2	-0.1	-0.0	0.2	-0.1	-5.48
	8	0.2	-0.1	0.0	0.2	-0.1	4.96
	8	0.2	-0.1	0.0	0.2	-0.1	2.83
	8	0.2	-0.1	-0.0	0.2	-0.1	-0.24
	8	0.2	-0.1	0.0	0.2	-0.1	2.73
	9	0.2	-0.1	0.1	0.2	-0.2	15.31
	9	0.2	-0.2	0.1	0.2	-0.2	10.79
	9	0.2	-0.1	0.0	0.2	-0.1	5.29
	9	0.2	-0.1	0.1	0.2	-0.1	10.31
	10	0.2	-0.1	0.1	0.2	-0.1	15.53
	10	0.2	-0.1	0.1	0.2	-0.2	11.31

	10	0.2	-0.1	0.0	0.2	-0.1	5.94
	10	0.2	-0.1	0.1	0.2	-0.1	10.62
	11	0.2	-0.1	-0.0	0.2	-0.1	-1.08
	11	0.2	-0.1	-0.0	0.2	-0.1	-3.28
	11	0.2	-0.1	-0.0	0.2	-0.1	-4.94
	11	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	12	0.1	-0.1	-0.0	0.1	-0.1	-1.09
	12	0.2	-0.1	-0.0	0.2	-0.1	-3.29
	12	0.2	-0.1	-0.0	0.2	-0.1	-4.95
	12	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	13	0.2	-0.1	-0.0	0.2	-0.1	-1.08
	13	0.2	-0.1	-0.0	0.2	-0.1	-3.28
	13	0.2	-0.1	-0.0	0.2	-0.1	-4.94
	13	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	14	0.1	-0.1	-0.0	0.1	-0.1	-1.09
	14	0.2	-0.1	-0.0	0.2	-0.1	-3.29
	14	0.2	-0.1	-0.0	0.2	-0.1	-4.95
	14	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	15	0.2	-0.1	-0.0	0.2	-0.1	-1.08
	15	0.2	-0.1	-0.0	0.2	-0.1	-3.28
	15	0.2	-0.1	-0.0	0.2	-0.1	-4.94
	15	0.2	-0.1	-0.0	0.2	-0.1	-1.65
	16	0.1	-0.1	-0.0	0.1	-0.1	-1.09
	16	0.2	-0.1	-0.0	0.2	-0.1	-3.29
	16	0.2	-0.1	-0.0	0.2	-0.1	-4.96
	16	0.2	-0.1	-0.0	0.2	-0.1	-1.65
398 463	1	0.2	-0.2	-0.0	0.2	-0.2	-5.38
	1	0.2	-0.2	-0.1	0.2	-0.2	-7.05
	1	0.2	-0.2	-0.1	0.3	-0.2	-10.16
	1	0.2	-0.1	-0.1	0.2	-0.2	-7.85
	2	0.2	-0.2	-0.0	0.2	-0.2	-5.40
	2	0.3	-0.2	-0.1	0.3	-0.2	-7.07
	2	0.3	-0.2	-0.1	0.3	-0.2	-10.18
	2	0.3	-0.2	-0.1	0.3	-0.2	-7.87
	3	0.1	-0.2	-0.1	0.1	-0.2	-11.63
	3	0.1	-0.2	-0.1	0.1	-0.2	-12.95
	3	0.1	-0.2	-0.1	0.2	-0.2	-14.66
	3	0.1	-0.1	-0.1	0.2	-0.2	-12.65
	4	0.2	-0.2	-0.0	0.2	-0.2	-2.05
	4	0.2	-0.2	-0.0	0.2	-0.2	-4.53
	4	0.2	-0.2	-0.1	0.2	-0.2	-9.07
	4	0.2	-0.2	-0.0	0.2	-0.2	-6.11
	5	0.1	-0.1	-0.1	0.1	-0.2	-24.63
	5	0.1	-0.1	-0.1	0.1	-0.2	-26.18
	5	0.1	-0.1	-0.1	0.1	-0.1	-23.42
	5	0.1	-0.1	-0.1	0.1	-0.1	-21.52
	6	0.1	-0.1	-0.1	0.1	-0.1	-24.74
	6	0.1	-0.1	-0.1	0.1	-0.1	-26.73
	6	0.1	-0.1	-0.1	0.1	-0.1	-23.38
	6	0.1	-0.1	-0.1	0.1	-0.1	-21.28
	7	0.2	-0.1	-0.0	0.2	-0.1	-9.87
	7	0.2	-0.1	-0.0	0.2	-0.1	-10.98
	7	0.2	-0.1	-0.1	0.2	-0.1	-11.91
	7	0.2	-0.1	-0.0	0.2	-0.1	-10.21
	8	0.2	-0.1	0.0	0.2	-0.1	0.60
	8	0.2	-0.1	-0.0	0.2	-0.1	-1.20
	8	0.2	-0.1	-0.0	0.2	-0.1	-5.60
	8	0.2	-0.1	-0.0	0.2	-0.1	-3.11
	9	0.2	-0.2	0.0	0.2	-0.2	6.62
	9	0.3	-0.2	0.0	0.3	-0.2	3.13
	9	0.3	-0.2	-0.0	0.3	-0.2	-3.30
	9	0.2	-0.1	0.0	0.2	-0.1	0.69
	10	0.2	-0.2	0.1	0.2	-0.2	7.40
	10	0.3	-0.2	0.0	0.3	-0.2	4.15
	10	0.3	-0.1	-0.0	0.3	-0.1	-2.26
	10	0.2	-0.1	0.0	0.2	-0.1	1.59
	11	0.2	-0.1	-0.0	0.2	-0.1	-5.39
	11	0.2	-0.1	-0.0	0.2	-0.1	-7.06
	11	0.2	-0.1	-0.1	0.2	-0.1	-10.17
	11	0.2	-0.1	-0.0	0.2	-0.1	-7.86
	12	0.2	-0.1	-0.0	0.2	-0.1	-5.40
	12	0.2	-0.1	-0.0	0.2	-0.1	-7.07
	12	0.2	-0.1	-0.1	0.2	-0.1	-10.18

	12	0.2	-0.1	-0.0	0.2	-0.1	-7.87
	13	0.2	-0.1	-0.0	0.2	-0.1	-5.39
	13	0.2	-0.1	-0.0	0.2	-0.1	-7.06
	13	0.2	-0.1	-0.1	0.2	-0.1	-10.17
	13	0.2	-0.1	-0.0	0.2	-0.1	-7.86
	14	0.2	-0.1	-0.0	0.2	-0.1	-5.40
	14	0.2	-0.1	-0.0	0.2	-0.1	-7.08
	14	0.2	-0.1	-0.1	0.2	-0.1	-10.19
	14	0.2	-0.1	-0.0	0.2	-0.1	-7.88
	15	0.2	-0.1	-0.0	0.2	-0.1	-5.39
	15	0.2	-0.1	-0.0	0.2	-0.1	-7.06
	15	0.2	-0.1	-0.1	0.2	-0.1	-10.17
	15	0.2	-0.1	-0.0	0.2	-0.1	-7.86
	16	0.2	-0.1	-0.0	0.2	-0.1	-5.41
	16	0.2	-0.1	-0.0	0.2	-0.1	-7.09
	16	0.2	-0.1	-0.1	0.2	-0.1	-10.20
	16	0.2	-0.1	-0.0	0.2	-0.1	-7.88
444 501	1	0.3	-0.2	-0.1	0.3	-0.2	-9.99
	1	0.3	-0.1	-0.1	0.3	-0.2	-10.87
	1	0.3	-0.1	-0.2	0.3	-0.2	-18.58
	1	0.3	-0.2	-0.1	0.3	-0.2	-13.27
	2	0.3	-0.2	-0.1	0.3	-0.2	-10.02
	2	0.3	-0.2	-0.1	0.3	-0.2	-10.92
	2	0.3	-0.1	-0.2	0.4	-0.2	-18.60
	2	0.3	-0.2	-0.1	0.3	-0.2	-13.30
	3	0.1	-0.2	-0.1	0.2	-0.2	-15.38
	3	0.1	-0.2	-0.1	0.2	-0.3	-13.85
	3	0.2	-0.2	-0.1	0.2	-0.2	-19.15
	3	0.1	-0.2	-0.1	0.2	-0.2	-16.72
	4	0.2	-0.2	-0.1	0.2	-0.2	-8.05
	4	0.2	-0.2	-0.1	0.2	-0.2	-10.43
	4	0.3	-0.1	-0.1	0.3	-0.2	-17.99
	4	0.2	-0.2	-0.1	0.3	-0.2	-13.19
	5	0.0	-0.1	-0.1	0.1	-0.2	-28.19
	5	0.0	-0.3	-0.1	0.1	-0.3	-17.85
	5	0.0	-0.2	-0.1	0.1	-0.3	-21.29
	5	0.1	-0.2	-0.1	0.1	-0.2	-21.27
	6	0.1	-0.1	-0.1	0.1	-0.1	-29.17
	6	0.0	-0.2	-0.1	0.1	-0.3	-17.98
	6	0.0	-0.2	-0.1	0.1	-0.2	-21.92
	6	0.1	-0.1	-0.1	0.1	-0.2	-20.86
	7	0.2	-0.1	-0.1	0.2	-0.1	-13.42
	7	0.2	-0.1	-0.1	0.2	-0.1	-11.82
	7	0.1	-0.1	-0.1	0.2	-0.1	-19.82
	7	0.2	-0.1	-0.1	0.2	-0.1	-13.56
	8	0.2	-0.1	-0.0	0.3	-0.1	-4.41
	8	0.3	0.0	-0.0	0.3	0.0	-6.25
	8	0.3	0.0	-0.1	0.3	-0.0	-17.82
	8	0.3	-0.1	-0.1	0.3	-0.1	-9.27
	9	0.3	-0.2	-0.0	0.3	-0.2	-1.22
	9	0.4	-0.0	-0.0	0.4	-0.0	-4.84
	9	0.4	-0.0	-0.1	0.4	-0.0	-16.67
	9	0.3	-0.1	-0.1	0.3	-0.1	-8.53
	10	0.3	-0.2	-0.0	0.3	-0.2	-0.09
	10	0.4	0.0	-0.0	0.4	0.0	-3.03
	10	0.4	0.0	-0.1	0.4	0.0	-16.45
	10	0.3	-0.1	-0.1	0.3	-0.1	-7.27
	11	0.2	-0.1	-0.1	0.2	-0.2	-10.00
	11	0.2	-0.1	-0.1	0.2	-0.1	-10.89
	11	0.2	-0.1	-0.1	0.3	-0.1	-18.59
	11	0.2	-0.1	-0.1	0.2	-0.1	-13.29
	12	0.2	-0.1	-0.1	0.2	-0.2	-10.02
	12	0.2	-0.1	-0.1	0.2	-0.1	-10.92
	12	0.2	-0.1	-0.1	0.3	-0.1	-18.60
	12	0.2	-0.1	-0.1	0.2	-0.1	-13.30
	13	0.2	-0.1	-0.1	0.2	-0.2	-10.00
	13	0.2	-0.1	-0.1	0.2	-0.1	-10.89
	13	0.2	-0.1	-0.1	0.3	-0.1	-18.59
	13	0.2	-0.1	-0.1	0.2	-0.1	-13.29
	14	0.2	-0.1	-0.1	0.2	-0.2	-10.03
	14	0.2	-0.1	-0.1	0.2	-0.1	-10.93
	14	0.2	-0.1	-0.1	0.3	-0.1	-18.61
	14	0.2	-0.1	-0.1	0.2	-0.1	-13.32

	15	0.2	-0.1	-0.1	0.2	-0.2	-10.00
	15	0.2	-0.1	-0.1	0.2	-0.1	-10.89
	15	0.2	-0.1	-0.1	0.3	-0.1	-18.59
	15	0.2	-0.1	-0.1	0.2	-0.1	-13.29
	16	0.2	-0.1	-0.1	0.2	-0.2	-10.04
	16	0.2	-0.1	-0.1	0.2	-0.1	-10.95
	16	0.2	-0.1	-0.1	0.3	-0.1	-18.62
	16	0.2	-0.1	-0.1	0.2	-0.1	-13.33
242 295	1	0.2	-0.1	0.1	0.3	-0.1	12.92
	1	0.2	-0.1	0.1	0.2	-0.1	10.09
	1	0.2	-0.1	0.1	0.2	-0.1	12.21
	1	0.2	-0.1	0.1	0.3	-0.1	15.21
	2	0.3	-0.1	0.1	0.3	-0.2	12.95
	2	0.3	-0.1	0.1	0.3	-0.2	10.11
	2	0.3	-0.1	0.1	0.3	-0.1	12.22
	2	0.3	-0.1	0.1	0.3	-0.1	15.24
	3	0.2	-0.1	0.1	0.2	-0.1	12.34
	3	0.2	-0.1	0.1	0.2	-0.1	9.35
	3	0.2	-0.1	0.1	0.2	-0.1	14.17
	3	0.2	-0.1	0.1	0.2	-0.1	17.16
	4	0.2	-0.1	0.1	0.2	-0.2	15.31
	4	0.1	-0.1	0.1	0.2	-0.1	14.14
	4	0.2	-0.1	0.1	0.2	-0.1	12.13
	4	0.2	-0.1	0.1	0.2	-0.1	15.69
	5	0.3	-0.1	0.0	0.3	-0.1	8.13
	5	0.2	-0.1	0.0	0.2	-0.1	3.63
	5	0.2	-0.1	0.1	0.2	-0.1	15.87
	5	0.2	-0.1	0.1	0.2	-0.1	18.21
	6	0.3	-0.1	0.0	0.3	-0.1	7.06
	6	0.2	-0.1	0.0	0.2	-0.1	2.58
	6	0.2	-0.0	0.1	0.2	-0.1	15.57
	6	0.2	-0.0	0.1	0.2	-0.1	17.71
	7	0.2	-0.1	0.0	0.2	-0.1	9.76
	7	0.2	-0.1	0.0	0.2	-0.1	5.91
	7	0.2	-0.0	0.0	0.2	-0.1	12.37
	7	0.2	-0.0	0.1	0.2	-0.1	14.69
	8	0.1	-0.1	0.1	0.2	-0.1	13.94
	8	0.2	-0.1	0.0	0.2	-0.1	11.12
	8	0.2	-0.1	0.0	0.2	-0.1	9.42
	8	0.1	-0.1	0.0	0.2	-0.1	12.38
	9	0.1	-0.1	0.1	0.1	-0.2	19.07
	9	0.1	-0.1	0.1	0.1	-0.1	20.05
	9	0.1	-0.1	0.0	0.1	-0.1	8.14
	9	0.1	-0.1	0.1	0.1	-0.1	12.54
	10	0.1	-0.1	0.1	0.1	-0.1	19.17
	10	0.1	-0.1	0.1	0.1	-0.1	19.49
	10	0.1	-0.1	0.0	0.1	-0.1	6.93
	10	0.1	-0.1	0.0	0.1	-0.1	11.22
	11	0.2	-0.1	0.1	0.2	-0.1	12.94
	11	0.2	-0.1	0.0	0.2	-0.1	10.10
	11	0.2	-0.1	0.1	0.2	-0.1	12.22
	11	0.2	-0.1	0.1	0.2	-0.1	15.22
	12	0.2	-0.1	0.1	0.2	-0.1	12.95
	12	0.2	-0.1	0.0	0.2	-0.1	10.11
	12	0.2	-0.1	0.1	0.2	-0.1	12.22
	12	0.2	-0.1	0.1	0.2	-0.1	15.24
	13	0.2	-0.1	0.1	0.2	-0.1	12.94
	13	0.2	-0.1	0.0	0.2	-0.1	10.10
	13	0.2	-0.1	0.1	0.2	-0.1	12.22
	13	0.2	-0.1	0.1	0.2	-0.1	15.22
	14	0.2	-0.1	0.1	0.2	-0.1	12.96
	14	0.2	-0.1	0.0	0.2	-0.1	10.11
	14	0.2	-0.1	0.1	0.2	-0.1	12.23
	14	0.2	-0.1	0.1	0.2	-0.1	15.25
	15	0.2	-0.1	0.1	0.2	-0.1	12.94
	15	0.2	-0.1	0.0	0.2	-0.1	10.10
	15	0.2	-0.1	0.1	0.2	-0.1	12.22
	15	0.2	-0.1	0.1	0.2	-0.1	15.22
	16	0.2	-0.1	0.1	0.2	-0.1	12.97
	16	0.2	-0.1	0.0	0.2	-0.1	10.12
	16	0.2	-0.1	0.1	0.2	-0.1	12.24
	16	0.2	-0.1	0.1	0.2	-0.1	15.26

533 343	1	0.2	-0.1	0.0	0.2	-0.1	6.49
	1	0.2	-0.1	0.0	0.2	-0.1	2.16
	1	0.2	-0.1	0.0	0.2	-0.1	2.59
	1	0.2	-0.1	0.0	0.2	-0.1	7.90
	2	0.3	-0.1	0.0	0.3	-0.1	6.50
	2	0.2	-0.1	0.0	0.3	-0.1	2.16
	2	0.3	-0.1	0.0	0.3	-0.1	2.60
	2	0.3	-0.1	0.0	0.3	-0.1	7.91
	3	0.2	-0.1	0.0	0.2	-0.1	5.06
	3	0.2	-0.1	-0.0	0.2	-0.1	-0.16
	3	0.2	-0.1	0.0	0.2	-0.1	0.86
	3	0.2	-0.1	0.0	0.2	-0.1	6.78
	4	0.1	-0.1	0.0	0.2	-0.1	10.28
	4	0.1	-0.1	0.0	0.2	-0.1	5.31
	4	0.2	-0.1	0.0	0.2	-0.1	4.81
	4	0.2	-0.1	0.0	0.2	-0.1	10.34
	5	0.2	-0.1	-0.0	0.2	-0.1	-1.00
	5	0.2	-0.1	-0.0	0.2	-0.1	-6.46
	5	0.2	-0.1	-0.0	0.2	-0.1	-4.16
	5	0.2	-0.1	0.0	0.2	-0.1	1.75
	6	0.2	-0.1	-0.0	0.2	-0.1	-1.76
	6	0.2	-0.1	-0.0	0.2	-0.1	-6.81
	6	0.2	-0.1	-0.0	0.2	-0.1	-4.74
	6	0.2	-0.0	0.0	0.2	-0.1	0.85
	7	0.2	-0.1	0.0	0.2	-0.1	2.65
	7	0.2	-0.1	-0.0	0.2	-0.1	-1.09
	7	0.2	-0.0	-0.0	0.2	-0.0	-0.13
	7	0.2	-0.0	0.0	0.2	-0.0	4.80
	8	0.2	-0.1	0.0	0.2	-0.1	8.23
	8	0.2	-0.1	0.0	0.2	-0.1	4.68
	8	0.2	-0.0	0.0	0.2	-0.0	4.80
	8	0.2	-0.0	0.0	0.2	-0.1	9.38
	9	0.1	-0.1	0.1	0.1	-0.1	16.51
	9	0.2	-0.1	0.1	0.2	-0.1	11.58
	9	0.2	-0.1	0.0	0.2	-0.1	9.75
	9	0.1	-0.1	0.1	0.2	-0.1	14.45
	10	0.1	-0.1	0.1	0.2	-0.1	16.12
	10	0.2	-0.1	0.0	0.2	-0.1	11.51
	10	0.2	-0.1	0.0	0.2	-0.1	10.09
	10	0.1	-0.1	0.1	0.2	-0.1	14.51
	11	0.2	-0.1	0.0	0.2	-0.1	6.50
	11	0.2	-0.1	0.0	0.2	-0.1	2.16
	11	0.2	-0.1	0.0	0.2	-0.1	2.59
	11	0.2	-0.1	0.0	0.2	-0.1	7.91
	12	0.2	-0.1	0.0	0.2	-0.1	6.50
	12	0.2	-0.1	0.0	0.2	-0.1	2.16
	12	0.2	-0.1	0.0	0.2	-0.1	2.60
	12	0.2	-0.1	0.0	0.2	-0.1	7.91
	13	0.2	-0.1	0.0	0.2	-0.1	6.50
	13	0.2	-0.1	0.0	0.2	-0.1	2.16
	13	0.2	-0.1	0.0	0.2	-0.1	2.59
	13	0.2	-0.1	0.0	0.2	-0.1	7.91
	14	0.2	-0.1	0.0	0.2	-0.1	6.51
	14	0.2	-0.1	0.0	0.2	-0.1	2.16
	14	0.2	-0.1	0.0	0.2	-0.1	2.60
	14	0.2	-0.1	0.0	0.2	-0.1	7.91
	15	0.2	-0.1	0.0	0.2	-0.1	6.50
	15	0.2	-0.1	0.0	0.2	-0.1	2.16
	15	0.2	-0.1	0.0	0.2	-0.1	2.59
	15	0.2	-0.1	0.0	0.2	-0.1	7.91
	16	0.2	-0.1	0.0	0.2	-0.1	6.51
	16	0.2	-0.1	0.0	0.2	-0.1	2.16
	16	0.2	-0.1	0.0	0.2	-0.1	2.60
	16	0.2	-0.1	0.0	0.2	-0.1	7.92
541 395	1	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	1	0.2	-0.1	-0.0	0.2	-0.1	-6.49
	1	0.2	-0.1	-0.0	0.2	-0.1	-7.90
	1	0.2	-0.1	-0.0	0.2	-0.1	-2.59
	2	0.2	-0.1	-0.0	0.3	-0.1	-2.16
	2	0.3	-0.1	-0.0	0.3	-0.1	-6.50
	2	0.3	-0.1	-0.0	0.3	-0.1	-7.91
	2	0.3	-0.1	-0.0	0.3	-0.1	-2.60
	3	0.1	-0.1	-0.0	0.2	-0.1	-5.31

	3	0.1	-0.1	-0.0	0.2	-0.1	-10.28
	3	0.2	-0.1	-0.0	0.2	-0.1	-10.34
	3	0.2	-0.1	-0.0	0.2	-0.1	-4.81
	4	0.2	-0.1	0.0	0.2	-0.1	0.16
	4	0.2	-0.1	-0.0	0.2	-0.1	-5.06
	4	0.2	-0.1	-0.0	0.2	-0.1	-6.78
	4	0.2	-0.1	-0.0	0.2	-0.1	-0.86
	5	0.2	-0.1	-0.1	0.2	-0.1	-11.58
	5	0.1	-0.1	-0.1	0.1	-0.1	-16.51
	5	0.1	-0.1	-0.1	0.2	-0.1	-14.45
	5	0.2	-0.1	-0.0	0.2	-0.1	-9.75
	6	0.2	-0.1	-0.0	0.2	-0.1	-11.51
	6	0.1	-0.1	-0.1	0.2	-0.1	-16.12
	6	0.1	-0.1	-0.1	0.2	-0.1	-14.51
	6	0.2	-0.1	-0.0	0.2	-0.1	-10.09
	7	0.2	-0.1	-0.0	0.2	-0.1	-4.68
	7	0.2	-0.1	-0.0	0.2	-0.1	-8.23
	7	0.2	-0.0	-0.0	0.2	-0.1	-9.38
	7	0.2	-0.0	-0.0	0.2	-0.0	-4.80
	8	0.2	-0.1	0.0	0.2	-0.1	1.09
	8	0.2	-0.1	-0.0	0.2	-0.1	-2.65
	8	0.2	-0.0	-0.0	0.2	-0.0	-4.80
	8	0.2	-0.0	0.0	0.2	-0.0	0.13
	9	0.2	-0.1	0.0	0.2	-0.1	6.46
	9	0.2	-0.1	0.0	0.2	-0.1	1.00
	9	0.2	-0.1	-0.0	0.2	-0.1	-1.75
	9	0.2	-0.1	0.0	0.2	-0.1	4.16
	10	0.2	-0.1	0.0	0.2	-0.1	6.81
	10	0.2	-0.1	0.0	0.2	-0.1	1.76
	10	0.2	-0.0	-0.0	0.2	-0.1	-0.85
	10	0.2	-0.1	0.0	0.2	-0.1	4.74
	11	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	11	0.2	-0.1	-0.0	0.2	-0.1	-6.50
	11	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	11	0.2	-0.1	-0.0	0.2	-0.1	-2.59
	12	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	12	0.2	-0.1	-0.0	0.2	-0.1	-6.50
	12	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	12	0.2	-0.1	-0.0	0.2	-0.1	-2.60
	13	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	13	0.2	-0.1	-0.0	0.2	-0.1	-6.50
	13	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	13	0.2	-0.1	-0.0	0.2	-0.1	-2.59
	14	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	14	0.2	-0.1	-0.0	0.2	-0.1	-6.51
	14	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	14	0.2	-0.1	-0.0	0.2	-0.1	-2.60
	15	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	15	0.2	-0.1	-0.0	0.2	-0.1	-6.50
	15	0.2	-0.1	-0.0	0.2	-0.1	-7.91
	15	0.2	-0.1	-0.0	0.2	-0.1	-2.59
	16	0.2	-0.1	-0.0	0.2	-0.1	-2.16
	16	0.2	-0.1	-0.0	0.2	-0.1	-6.51
	16	0.2	-0.1	-0.0	0.2	-0.1	-7.92
	16	0.2	-0.1	-0.0	0.2	-0.1	-2.60
545 443	1	0.2	-0.1	-0.1	0.2	-0.1	-10.09
	1	0.2	-0.1	-0.1	0.3	-0.1	-12.92
	1	0.2	-0.1	-0.1	0.3	-0.1	-15.21
	1	0.2	-0.1	-0.1	0.2	-0.1	-12.21
	2	0.3	-0.1	-0.1	0.3	-0.2	-10.11
	2	0.3	-0.1	-0.1	0.3	-0.2	-12.95
	2	0.3	-0.1	-0.1	0.3	-0.1	-15.24
	2	0.3	-0.1	-0.1	0.3	-0.1	-12.22
	3	0.1	-0.1	-0.1	0.2	-0.1	-14.14
	3	0.2	-0.1	-0.1	0.2	-0.2	-15.31
	3	0.2	-0.1	-0.1	0.2	-0.1	-15.69
	3	0.2	-0.1	-0.1	0.2	-0.1	-12.13
	4	0.2	-0.1	-0.1	0.2	-0.1	-9.35
	4	0.2	-0.1	-0.1	0.2	-0.1	-12.34
	4	0.2	-0.1	-0.1	0.2	-0.1	-17.16
	4	0.2	-0.1	-0.1	0.2	-0.1	-14.17
	5	0.1	-0.1	-0.1	0.1	-0.1	-20.05
	5	0.1	-0.1	-0.1	0.1	-0.2	-19.07

	5	0.1	-0.1	-0.1	0.1	-0.1	-12.54
	5	0.1	-0.1	-0.0	0.1	-0.1	-8.14
	6	0.1	-0.1	-0.1	0.1	-0.1	-19.49
	6	0.1	-0.1	-0.1	0.1	-0.1	-19.17
	6	0.1	-0.1	-0.0	0.1	-0.1	-11.22
	6	0.1	-0.1	-0.0	0.1	-0.1	-6.93
	7	0.2	-0.1	-0.0	0.2	-0.1	-11.12
	7	0.1	-0.1	-0.1	0.2	-0.1	-13.94
	7	0.1	-0.1	-0.0	0.2	-0.1	-12.38
	7	0.2	-0.1	-0.0	0.2	-0.1	-9.42
	8	0.2	-0.1	-0.0	0.2	-0.1	-5.91
	8	0.2	-0.1	-0.0	0.2	-0.1	-9.76
	8	0.2	-0.0	-0.1	0.2	-0.1	-14.69
	8	0.2	-0.0	-0.0	0.2	-0.1	-12.37
	9	0.2	-0.1	-0.0	0.2	-0.1	-3.63
	9	0.3	-0.1	-0.0	0.3	-0.1	-8.13
	9	0.2	-0.1	-0.1	0.2	-0.1	-18.21
	9	0.2	-0.1	-0.1	0.2	-0.1	-15.87
	10	0.2	-0.1	-0.0	0.2	-0.1	-2.58
	10	0.3	-0.1	-0.0	0.3	-0.1	-7.06
	10	0.2	-0.0	-0.1	0.2	-0.1	-17.71
	10	0.2	-0.0	-0.1	0.2	-0.1	-15.57
	11	0.2	-0.1	-0.0	0.2	-0.1	-10.10
	11	0.2	-0.1	-0.1	0.2	-0.1	-12.94
	11	0.2	-0.1	-0.1	0.2	-0.1	-15.22
	11	0.2	-0.1	-0.1	0.2	-0.1	-12.22
	12	0.2	-0.1	-0.0	0.2	-0.1	-10.11
	12	0.2	-0.1	-0.1	0.2	-0.1	-12.95
	12	0.2	-0.1	-0.1	0.2	-0.1	-15.24
	12	0.2	-0.1	-0.1	0.2	-0.1	-12.22
	13	0.2	-0.1	-0.0	0.2	-0.1	-10.10
	13	0.2	-0.1	-0.1	0.2	-0.1	-12.94
	13	0.2	-0.1	-0.1	0.2	-0.1	-15.22
	13	0.2	-0.1	-0.1	0.2	-0.1	-12.22
	14	0.2	-0.1	-0.0	0.2	-0.1	-10.11
	14	0.2	-0.1	-0.1	0.2	-0.1	-12.96
	14	0.2	-0.1	-0.1	0.2	-0.1	-15.25
	14	0.2	-0.1	-0.1	0.2	-0.1	-12.23
	15	0.2	-0.1	-0.0	0.2	-0.1	-10.10
	15	0.2	-0.1	-0.1	0.2	-0.1	-12.94
	15	0.2	-0.1	-0.1	0.2	-0.1	-15.22
	15	0.2	-0.1	-0.1	0.2	-0.1	-12.22
	16	0.2	-0.1	-0.0	0.2	-0.1	-10.12
	16	0.2	-0.1	-0.1	0.2	-0.1	-12.97
	16	0.2	-0.1	-0.1	0.2	-0.1	-15.26
	16	0.2	-0.1	-0.1	0.2	-0.1	-12.24
463 499	1	0.2	-0.1	-0.1	0.3	-0.2	-16.41
	1	0.2	-0.1	-0.1	0.3	-0.1	-17.43
	1	0.2	-0.1	-0.1	0.2	-0.1	-19.68
	1	0.2	-0.1	-0.1	0.3	-0.1	-17.34
	2	0.3	-0.1	-0.1	0.3	-0.2	-16.45
	2	0.3	-0.1	-0.1	0.3	-0.1	-17.50
	2	0.2	-0.1	-0.1	0.3	-0.2	-19.74
	2	0.3	-0.1	-0.1	0.3	-0.2	-17.40
	3	0.2	-0.2	-0.1	0.2	-0.2	-16.99
	3	0.2	-0.1	-0.1	0.2	-0.2	-17.82
	3	0.2	-0.1	-0.1	0.2	-0.2	-21.78
	3	0.2	-0.1	-0.1	0.2	-0.2	-18.43
	4	0.2	-0.1	-0.1	0.3	-0.2	-17.88
	4	0.2	-0.1	-0.1	0.3	-0.1	-19.97
	4	0.2	-0.1	-0.1	0.2	-0.1	-21.62
	4	0.2	-0.1	-0.1	0.2	-0.1	-19.86
	5	0.1	-0.2	-0.1	0.1	-0.2	-14.68
	5	0.1	-0.2	-0.1	0.1	-0.2	-13.59
	5	0.1	-0.1	-0.1	0.2	-0.2	-20.90
	5	0.1	-0.1	-0.1	0.2	-0.2	-15.12
	6	0.1	-0.1	-0.1	0.1	-0.1	-13.46
	6	0.1	-0.1	-0.0	0.1	-0.1	-11.50
	6	0.1	-0.1	-0.1	0.2	-0.2	-19.68
	6	0.1	-0.1	-0.1	0.1	-0.1	-13.39
	7	0.2	-0.1	-0.1	0.2	-0.1	-14.09
	7	0.1	-0.0	-0.0	0.2	-0.0	-12.65
	7	0.1	-0.1	-0.1	0.2	-0.1	-16.79

	7	0.2	-0.1	-0.1	0.2	-0.1	-13.59
	8	0.2	-0.0	-0.1	0.2	-0.1	-15.79
	8	0.2	0.0	-0.1	0.2	0.0	-17.05
	8	0.2	-0.0	-0.1	0.2	-0.0	-15.88
	8	0.2	-0.0	-0.1	0.2	-0.1	-15.95
	9	0.3	-0.1	-0.1	0.3	-0.1	-18.36
	9	0.3	0.0	-0.1	0.3	-0.0	-22.31
	9	0.2	-0.0	-0.1	0.2	-0.1	-19.93
	9	0.2	-0.0	-0.1	0.3	-0.1	-20.67
	10	0.3	-0.0	-0.1	0.3	-0.1	-17.94
	10	0.2	0.1	-0.1	0.3	0.0	-22.19
	10	0.2	-0.0	-0.1	0.2	-0.0	-18.06
	10	0.2	-0.0	-0.1	0.2	-0.1	-19.84
	11	0.2	-0.1	-0.1	0.2	-0.1	-16.43
	11	0.2	-0.1	-0.1	0.2	-0.1	-17.46
	11	0.2	-0.1	-0.1	0.2	-0.1	-19.71
	11	0.2	-0.1	-0.1	0.2	-0.1	-17.37
	12	0.2	-0.1	-0.1	0.2	-0.1	-16.45
	12	0.2	-0.1	-0.1	0.2	-0.1	-17.50
	12	0.2	-0.1	-0.1	0.2	-0.1	-19.74
	12	0.2	-0.1	-0.1	0.2	-0.1	-17.40
	13	0.2	-0.1	-0.1	0.2	-0.1	-16.43
	13	0.2	-0.1	-0.1	0.2	-0.1	-17.46
	13	0.2	-0.1	-0.1	0.2	-0.1	-19.71
	13	0.2	-0.1	-0.1	0.2	-0.1	-17.37
	14	0.2	-0.1	-0.1	0.2	-0.1	-16.47
	14	0.2	-0.1	-0.1	0.2	-0.1	-17.52
	14	0.2	-0.1	-0.1	0.2	-0.1	-19.77
	14	0.2	-0.1	-0.1	0.2	-0.1	-17.41
	15	0.2	-0.1	-0.1	0.2	-0.1	-16.43
	15	0.2	-0.1	-0.1	0.2	-0.1	-17.46
	15	0.2	-0.1	-0.1	0.2	-0.1	-19.71
	15	0.2	-0.1	-0.1	0.2	-0.1	-17.37
	16	0.2	-0.1	-0.1	0.2	-0.1	-16.48
	16	0.2	-0.1	-0.1	0.2	-0.1	-17.55
	16	0.2	-0.1	-0.1	0.2	-0.1	-19.79
	16	0.2	-0.1	-0.1	0.2	-0.1	-17.43
343 544	1	0.2	-0.1	-0.0	0.2	-0.1	-2.63
	1	0.2	-0.1	-0.0	0.2	-0.1	-8.29
	1	0.2	-0.0	-0.0	0.2	-0.0	-6.64
	1	0.3	-0.0	-0.0	0.3	-0.0	-1.99
	2	0.3	-0.1	-0.0	0.3	-0.1	-2.64
	2	0.3	-0.1	-0.0	0.3	-0.1	-8.30
	2	0.3	-0.0	-0.0	0.3	-0.0	-6.65
	2	0.3	-0.0	-0.0	0.3	-0.0	-2.00
	3	0.2	-0.1	-0.0	0.2	-0.1	-0.96
	3	0.2	-0.1	-0.0	0.2	-0.1	-7.44
	3	0.2	-0.0	-0.0	0.2	-0.0	-5.65
	3	0.2	-0.0	-0.0	0.2	-0.0	-0.35
	4	0.2	-0.0	-0.0	0.2	-0.1	-4.80
	4	0.2	-0.1	-0.0	0.2	-0.1	-10.59
	4	0.2	-0.0	-0.0	0.2	-0.0	-8.90
	4	0.2	-0.0	-0.0	0.2	-0.0	-4.04
	5	0.2	-0.0	0.0	0.2	-0.0	4.32
	5	0.2	-0.1	-0.0	0.2	-0.1	-2.26
	5	0.2	-0.0	-0.0	0.2	-0.0	-0.50
	5	0.2	-0.0	0.0	0.2	-0.0	4.71
	6	0.2	-0.0	0.0	0.2	-0.0	4.97
	6	0.2	-0.0	-0.0	0.2	-0.0	-1.19
	6	0.2	-0.0	0.0	0.2	-0.0	0.59
	6	0.2	-0.0	0.0	0.2	-0.0	5.43
	7	0.2	-0.0	0.0	0.2	-0.0	0.13
	7	0.2	-0.0	-0.0	0.2	-0.0	-5.19
	7	0.2	-0.0	-0.0	0.2	-0.0	-3.49
	7	0.2	-0.0	0.0	0.2	-0.0	0.74
	8	0.2	-0.0	-0.0	0.2	-0.0	-4.69
	8	0.2	-0.0	-0.0	0.2	-0.0	-9.35
	8	0.2	-0.0	-0.0	0.2	-0.0	-7.97
	8	0.2	-0.0	-0.0	0.2	-0.0	-4.15
	9	0.2	-0.0	-0.0	0.2	-0.0	-9.26
	9	0.2	-0.0	-0.1	0.2	-0.1	-13.70
	9	0.2	-0.0	-0.1	0.2	-0.0	-12.39
	9	0.2	-0.0	-0.0	0.2	-0.0	-8.52

	10	0.2	-0.0	-0.0	0.2	-0.0	-9.52
	10	0.2	-0.0	-0.1	0.2	-0.0	-13.61
	10	0.2	-0.0	-0.0	0.2	-0.0	-12.46
	10	0.2	-0.0	-0.0	0.2	-0.0	-8.92
	11	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	11	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	11	0.2	-0.0	-0.0	0.2	-0.0	-6.64
	11	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	12	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	12	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	12	0.2	-0.0	-0.0	0.2	-0.0	-6.65
	12	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	13	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	13	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	13	0.2	-0.0	-0.0	0.2	-0.0	-6.64
	13	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	14	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	14	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	14	0.2	-0.0	-0.0	0.2	-0.0	-6.66
	14	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	15	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	15	0.2	-0.0	-0.0	0.2	-0.0	-8.30
	15	0.2	-0.0	-0.0	0.2	-0.0	-6.64
	15	0.2	-0.0	-0.0	0.2	-0.0	-2.00
	16	0.2	-0.0	-0.0	0.2	-0.0	-2.64
	16	0.2	-0.0	-0.0	0.2	-0.0	-8.31
	16	0.2	-0.0	-0.0	0.2	-0.0	-6.66
	16	0.2	-0.0	-0.0	0.2	-0.0	-2.00
395 460	1	0.2	-0.1	-0.1	0.2	-0.1	-13.22
	1	0.2	-0.1	-0.1	0.2	-0.1	-16.52
	1	0.2	-0.1	-0.1	0.2	-0.1	-17.45
	1	0.2	-0.0	-0.1	0.2	-0.0	-11.84
	2	0.3	-0.1	-0.1	0.3	-0.1	-13.23
	2	0.2	-0.1	-0.1	0.3	-0.1	-16.54
	2	0.2	-0.1	-0.1	0.3	-0.1	-17.45
	2	0.3	-0.0	-0.1	0.3	-0.0	-11.85
	3	0.2	-0.1	-0.1	0.2	-0.1	-13.18
	3	0.2	-0.1	-0.1	0.2	-0.1	-17.23
	3	0.2	-0.1	-0.1	0.2	-0.1	-17.95
	3	0.2	-0.0	-0.0	0.2	-0.0	-11.58
	4	0.2	-0.1	-0.1	0.2	-0.1	-15.34
	4	0.2	-0.1	-0.1	0.2	-0.1	-18.65
	4	0.2	-0.0	-0.1	0.2	-0.1	-18.92
	4	0.2	-0.0	-0.1	0.2	-0.0	-13.91
	5	0.1	-0.1	-0.0	0.2	-0.1	-9.02
	5	0.1	-0.1	-0.1	0.2	-0.1	-14.12
	5	0.1	-0.1	-0.1	0.2	-0.1	-15.81
	5	0.2	-0.0	-0.0	0.2	-0.0	-7.28
	6	0.1	-0.1	-0.0	0.1	-0.1	-7.73
	6	0.1	-0.1	-0.1	0.1	-0.1	-12.74
	6	0.1	-0.1	-0.1	0.1	-0.1	-14.81
	6	0.2	-0.0	-0.0	0.2	-0.0	-5.99
	7	0.1	-0.0	-0.0	0.2	-0.0	-10.19
	7	0.1	-0.1	-0.0	0.2	-0.1	-13.48
	7	0.1	-0.0	-0.0	0.1	-0.0	-15.26
	7	0.1	-0.0	-0.0	0.2	-0.0	-8.76
	8	0.2	-0.0	-0.0	0.2	-0.0	-13.31
	8	0.2	-0.0	-0.1	0.2	-0.1	-15.66
	8	0.1	-0.0	-0.1	0.2	-0.0	-16.76
	8	0.2	-0.0	-0.0	0.2	-0.0	-12.23
	9	0.2	-0.0	-0.1	0.2	-0.1	-17.17
	9	0.2	-0.0	-0.1	0.2	-0.1	-19.56
	9	0.2	-0.0	-0.1	0.2	-0.1	-19.50
	9	0.2	-0.0	-0.1	0.2	-0.0	-16.12
	10	0.2	-0.0	-0.1	0.2	-0.1	-16.82
	10	0.2	-0.0	-0.1	0.2	-0.1	-18.91
	10	0.2	-0.0	-0.1	0.2	-0.1	-19.03
	10	0.2	-0.0	-0.1	0.2	-0.0	-15.93
	11	0.2	-0.0	-0.1	0.2	-0.1	-13.22
	11	0.2	-0.1	-0.1	0.2	-0.1	-16.53
	11	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	11	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	12	0.2	-0.0	-0.1	0.2	-0.1	-13.23

	12	0.2	-0.1	-0.1	0.2	-0.1	-16.54
	12	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	12	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	13	0.2	-0.0	-0.1	0.2	-0.1	-13.22
	13	0.2	-0.1	-0.1	0.2	-0.1	-16.53
	13	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	13	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	14	0.2	-0.0	-0.1	0.2	-0.1	-13.23
	14	0.2	-0.1	-0.1	0.2	-0.1	-16.55
	14	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	14	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	15	0.2	-0.0	-0.1	0.2	-0.1	-13.22
	15	0.2	-0.1	-0.1	0.2	-0.1	-16.53
	15	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	15	0.2	-0.0	-0.0	0.2	-0.0	-11.85
	16	0.2	-0.0	-0.1	0.2	-0.1	-13.24
	16	0.2	-0.1	-0.1	0.2	-0.1	-16.56
	16	0.2	-0.0	-0.1	0.2	-0.1	-17.45
	16	0.2	-0.0	-0.0	0.2	-0.0	-11.86
443 497	1	0.2	-0.1	-0.1	0.2	-0.1	-17.35
	1	0.2	-0.1	-0.1	0.2	-0.1	-11.99
	1	0.2	-0.2	-0.1	0.2	-0.2	-13.17
	1	0.2	-0.1	-0.1	0.2	-0.1	-18.14
	2	0.2	-0.1	-0.1	0.3	-0.2	-17.41
	2	0.2	-0.1	-0.1	0.2	-0.1	-12.12
	2	0.2	-0.2	-0.1	0.3	-0.2	-13.27
	2	0.2	-0.1	-0.1	0.3	-0.2	-18.17
	3	0.2	-0.1	-0.1	0.2	-0.2	-19.88
	3	0.1	-0.1	-0.1	0.2	-0.2	-16.81
	3	0.2	-0.1	-0.1	0.2	-0.2	-17.81
	3	0.2	-0.1	-0.1	0.2	-0.1	-20.53
	4	0.2	-0.1	-0.1	0.2	-0.1	-19.50
	4	0.2	-0.1	-0.1	0.2	-0.1	-16.75
	4	0.2	-0.1	-0.1	0.2	-0.1	-16.68
	4	0.2	-0.1	-0.1	0.2	-0.1	-19.94
	5	0.1	-0.1	-0.1	0.2	-0.2	-18.98
	5	0.1	-0.1	-0.1	0.1	-0.2	-14.25
	5	0.1	-0.2	-0.1	0.2	-0.2	-16.84
	5	0.1	-0.1	-0.1	0.2	-0.1	-19.99
	6	0.1	-0.1	-0.1	0.2	-0.1	-17.56
	6	0.1	-0.1	-0.0	0.1	-0.1	-11.20
	6	0.1	-0.1	-0.1	0.1	-0.2	-14.55
	6	0.1	-0.1	-0.1	0.2	-0.1	-18.74
	7	0.1	-0.1	-0.1	0.2	-0.1	-14.51
	7	0.1	-0.1	-0.0	0.1	-0.1	-5.03
	7	0.1	-0.1	-0.0	0.1	-0.1	-8.91
	7	0.1	-0.1	-0.1	0.2	-0.1	-15.80
	8	0.2	-0.0	-0.1	0.2	-0.1	-13.65
	8	0.1	-0.0	-0.0	0.1	-0.0	-3.77
	8	0.1	-0.1	-0.0	0.2	-0.1	-6.70
	8	0.1	-0.1	-0.1	0.2	-0.1	-14.81
	9	0.2	-0.0	-0.1	0.2	-0.1	-17.36
	9	0.2	-0.0	-0.1	0.2	-0.0	-13.36
	9	0.2	-0.1	-0.1	0.2	-0.1	-12.05
	9	0.2	-0.1	-0.1	0.2	-0.1	-17.67
	10	0.2	-0.0	-0.1	0.2	-0.1	-15.49
	10	0.2	-0.0	-0.0	0.2	-0.0	-9.21
	10	0.2	-0.1	-0.0	0.2	-0.1	-8.69
	10	0.2	-0.0	-0.1	0.2	-0.1	-16.03
	11	0.2	-0.1	-0.1	0.2	-0.1	-17.38
	11	0.1	-0.1	-0.1	0.2	-0.1	-12.06
	11	0.2	-0.1	-0.1	0.2	-0.1	-13.22
	11	0.2	-0.1	-0.1	0.2	-0.1	-18.16
	12	0.2	-0.1	-0.1	0.2	-0.1	-17.41
	12	0.1	-0.1	-0.1	0.2	-0.1	-12.12
	12	0.2	-0.1	-0.1	0.2	-0.1	-13.27
	12	0.2	-0.1	-0.1	0.2	-0.1	-18.17
	13	0.2	-0.1	-0.1	0.2	-0.1	-17.38
	13	0.1	-0.1	-0.1	0.2	-0.1	-12.06
	13	0.2	-0.1	-0.1	0.2	-0.1	-13.22
	13	0.2	-0.1	-0.1	0.2	-0.1	-18.16
	14	0.2	-0.1	-0.1	0.2	-0.1	-17.43
	14	0.1	-0.1	-0.1	0.2	-0.1	-12.17

	14	0.2	-0.1	-0.1	0.2	-0.1	-13.30
	14	0.2	-0.1	-0.1	0.2	-0.1	-18.18
	15	0.2	-0.1	-0.1	0.2	-0.1	-17.38
	15	0.1	-0.1	-0.1	0.2	-0.1	-12.06
	15	0.2	-0.1	-0.1	0.2	-0.1	-13.22
	15	0.2	-0.1	-0.1	0.2	-0.1	-18.16
	16	0.2	-0.1	-0.1	0.2	-0.1	-17.45
	16	0.1	-0.1	-0.1	0.2	-0.1	-12.21
	16	0.2	-0.1	-0.1	0.2	-0.1	-13.34
	16	0.2	-0.1	-0.1	0.2	-0.1	-18.19
341 392	1	0.3	-0.0	-0.0	0.3	-0.0	-1.03
	1	0.3	-0.0	-0.0	0.3	-0.0	-3.40
	1	0.3	-0.0	-0.0	0.3	-0.0	-0.47
	1	0.3	-0.0	-0.0	0.3	-0.0	-0.16
	2	0.3	-0.0	-0.0	0.3	-0.0	-1.03
	2	0.3	-0.0	-0.0	0.3	-0.0	-3.42
	2	0.4	-0.0	-0.0	0.4	-0.0	-0.48
	2	0.4	-0.0	-0.0	0.4	-0.0	-0.17
	3	0.3	-0.0	0.0	0.3	-0.0	0.24
	3	0.2	-0.0	-0.0	0.2	-0.0	-2.59
	3	0.3	-0.0	-0.0	0.3	-0.0	-0.28
	3	0.3	-0.0	0.0	0.3	-0.0	0.21
	4	0.2	-0.0	-0.0	0.2	-0.0	-2.63
	4	0.2	-0.0	-0.0	0.2	-0.0	-5.47
	4	0.3	-0.0	-0.0	0.3	-0.0	-1.12
	4	0.3	-0.0	-0.0	0.3	-0.0	-0.62
	5	0.2	-0.0	0.0	0.2	-0.0	4.12
	5	0.2	-0.0	0.0	0.2	-0.0	1.49
	5	0.3	0.0	0.0	0.3	0.0	0.90
	5	0.3	-0.0	0.0	0.3	-0.0	1.37
	6	0.2	-0.0	0.0	0.2	-0.0	4.75
	6	0.2	-0.0	0.0	0.2	-0.0	2.40
	6	0.3	0.0	0.0	0.3	0.0	1.20
	6	0.3	-0.0	0.0	0.3	-0.0	1.59
	7	0.2	-0.0	0.0	0.2	-0.0	1.18
	7	0.2	-0.0	-0.0	0.2	-0.0	-0.63
	7	0.2	0.0	0.0	0.2	0.0	0.42
	7	0.2	-0.0	0.0	0.2	-0.0	0.52
	8	0.2	-0.0	-0.0	0.2	-0.0	-2.85
	8	0.2	-0.0	-0.0	0.2	-0.0	-4.68
	8	0.2	0.0	-0.0	0.2	0.0	-0.82
	8	0.2	-0.0	-0.0	0.2	-0.0	-0.76
	9	0.2	-0.0	-0.0	0.2	-0.0	-6.40
	9	0.2	-0.0	-0.0	0.2	-0.0	-9.09
	9	0.3	-0.0	-0.0	0.3	-0.0	-2.29
	9	0.3	-0.0	-0.0	0.3	-0.0	-1.81
	10	0.2	-0.0	-0.0	0.2	-0.0	-6.86
	10	0.2	-0.0	-0.0	0.2	-0.0	-9.30
	10	0.2	-0.0	-0.0	0.2	-0.0	-2.37
	10	0.2	-0.0	-0.0	0.2	-0.0	-2.01
	11	0.2	-0.0	-0.0	0.2	-0.0	-1.03
	11	0.2	-0.0	-0.0	0.2	-0.0	-3.41
	11	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	11	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	12	0.2	-0.0	-0.0	0.2	-0.0	-1.03
	12	0.2	-0.0	-0.0	0.2	-0.0	-3.42
	12	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	12	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	13	0.2	-0.0	-0.0	0.2	-0.0	-1.03
	13	0.2	-0.0	-0.0	0.2	-0.0	-3.41
	13	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	13	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	14	0.2	-0.0	-0.0	0.2	-0.0	-1.04
	14	0.2	-0.0	-0.0	0.2	-0.0	-3.43
	14	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	14	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	15	0.2	-0.0	-0.0	0.2	-0.0	-1.03
	15	0.2	-0.0	-0.0	0.2	-0.0	-3.41
	15	0.3	-0.0	-0.0	0.3	-0.0	-0.48
	15	0.3	-0.0	-0.0	0.3	-0.0	-0.17
	16	0.2	-0.0	-0.0	0.2	-0.0	-1.04
	16	0.2	-0.0	-0.0	0.2	-0.0	-3.44
	16	0.3	-0.0	-0.0	0.3	-0.0	-0.49

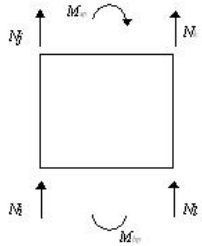
	16	0.3	-0.0	-0.0	0.3	-0.0	-0.17
544 442	1	0.3	-0.0	-0.0	0.3	-0.0	-6.53
	1	0.2	-0.0	-0.0	0.2	-0.0	-11.65
	1	0.3	0.0	0.0	0.3	0.0	0.02
	1	0.3	0.0	-0.0	0.3	0.0	-0.69
	2	0.3	-0.0	-0.0	0.3	-0.0	-6.57
	2	0.2	-0.0	-0.1	0.3	-0.0	-11.68
	2	0.4	0.0	-0.0	0.4	0.0	-0.02
	2	0.4	0.0	-0.0	0.4	0.0	-0.70
	3	0.2	-0.0	-0.0	0.2	-0.0	-6.11
	3	0.2	-0.0	-0.0	0.2	-0.0	-11.78
	3	0.3	0.0	-0.0	0.3	0.0	-0.58
	3	0.3	-0.0	-0.0	0.3	-0.0	-0.63
	4	0.2	-0.0	-0.0	0.2	-0.0	-9.01
	4	0.2	-0.0	-0.1	0.2	-0.0	-14.36
	4	0.3	-0.0	-0.0	0.3	-0.0	-1.54
	4	0.3	0.0	-0.0	0.3	-0.0	-1.61
	5	0.2	-0.0	-0.0	0.2	-0.0	-1.79
	5	0.2	-0.0	-0.0	0.2	-0.0	-7.56
	5	0.3	0.0	0.0	0.3	0.0	0.99
	5	0.3	-0.0	0.0	0.3	-0.0	0.72
	6	0.2	-0.0	-0.0	0.2	-0.0	-0.60
	6	0.2	-0.0	-0.0	0.2	-0.0	-6.07
	6	0.3	0.0	0.0	0.3	0.0	1.68
	6	0.3	-0.0	0.0	0.3	-0.0	1.12
	7	0.2	-0.0	-0.0	0.2	-0.0	-3.18
	7	0.1	-0.0	-0.0	0.1	-0.0	-7.74
	7	0.2	0.0	0.0	0.2	0.0	1.80
	7	0.2	0.0	0.0	0.2	0.0	0.48
	8	0.2	0.0	-0.0	0.2	-0.0	-7.33
	8	0.1	-0.0	-0.0	0.1	-0.0	-11.58
	8	0.2	-0.0	0.0	0.2	-0.0	0.81
	8	0.2	0.0	-0.0	0.2	0.0	-0.86
	9	0.2	-0.0	-0.0	0.2	-0.0	-12.53
	9	0.1	-0.0	-0.1	0.2	-0.0	-17.26
	9	0.2	-0.0	-0.0	0.2	-0.0	-2.41
	9	0.2	0.0	-0.0	0.2	0.0	-2.95
	10	0.2	-0.0	-0.0	0.2	-0.0	-12.53
	10	0.1	-0.0	-0.0	0.1	-0.0	-16.97
	10	0.2	-0.0	-0.0	0.2	-0.0	-1.81
	10	0.2	0.0	-0.0	0.2	0.0	-2.93
	11	0.2	-0.0	-0.0	0.2	-0.0	-6.55
	11	0.2	-0.0	-0.0	0.2	-0.0	-11.66
	11	0.2	0.0	0.0	0.2	0.0	0.00
	11	0.3	0.0	-0.0	0.3	0.0	-0.69
	12	0.2	-0.0	-0.0	0.2	-0.0	-6.57
	12	0.2	-0.0	-0.0	0.2	-0.0	-11.68
	12	0.2	0.0	-0.0	0.2	0.0	-0.02
	12	0.3	0.0	-0.0	0.3	0.0	-0.70
	13	0.2	-0.0	-0.0	0.2	-0.0	-6.55
	13	0.2	-0.0	-0.0	0.2	-0.0	-11.66
	13	0.2	0.0	0.0	0.2	0.0	0.00
	13	0.3	0.0	-0.0	0.3	0.0	-0.69
	14	0.2	-0.0	-0.0	0.2	-0.0	-6.58
	14	0.2	-0.0	-0.0	0.2	-0.0	-11.69
	14	0.2	0.0	-0.0	0.2	0.0	-0.03
	14	0.3	0.0	-0.0	0.3	0.0	-0.71
	15	0.2	-0.0	-0.0	0.2	-0.0	-6.55
	15	0.2	-0.0	-0.0	0.2	-0.0	-11.66
	15	0.2	0.0	0.0	0.2	0.0	0.00
	15	0.3	0.0	-0.0	0.3	0.0	-0.69
	16	0.2	-0.0	-0.0	0.2	-0.0	-6.59
	16	0.2	-0.0	-0.0	0.2	-0.0	-11.70
	16	0.2	0.0	-0.0	0.2	0.0	-0.04
	16	0.3	0.0	-0.0	0.3	0.0	-0.72
460 495	1	0.1	-0.1	-0.1	0.2	-0.1	-22.69
	1	0.2	-0.3	-0.0	0.2	-0.3	-5.00
	1	0.2	-0.6	-0.2	0.2	-0.6	-14.08
	1	0.3	0.0	-0.0	0.3	0.0	-1.06
	2	0.2	-0.1	-0.1	0.2	-0.1	-22.64
	2	0.2	-0.3	-0.0	0.2	-0.3	-5.09
	2	0.2	-0.6	-0.2	0.2	-0.7	-14.10

2	0.4	0.0	-0.0	0.4	0.0	-1.14
3	0.1	-0.1	-0.1	0.2	-0.1	-23.36
3	0.1	-0.2	-0.1	0.1	-0.2	-9.87
3	0.2	-0.4	-0.1	0.2	-0.4	-13.66
3	0.3	0.0	-0.0	0.3	0.0	-1.41
4	0.1	-0.1	-0.1	0.2	-0.1	-22.17
4	0.1	-0.2	-0.1	0.2	-0.2	-9.69
4	0.1	-0.3	-0.1	0.2	-0.4	-14.29
4	0.2	0.0	-0.0	0.2	0.0	-4.01
5	0.1	-0.1	-0.1	0.1	-0.1	-24.93
5	0.1	-0.3	-0.1	0.1	-0.3	-7.23
5	0.2	-0.5	-0.2	0.2	-0.5	-13.21
5	0.3	0.0	0.0	0.3	0.0	1.69
6	0.1	-0.1	-0.1	0.1	-0.1	-25.10
6	0.1	-0.3	-0.0	0.1	-0.3	-4.74
6	0.2	-0.5	-0.2	0.2	-0.5	-13.32
6	0.3	0.0	0.0	0.3	0.0	2.62
7	0.1	-0.0	-0.1	0.1	-0.1	-23.26
7	0.1	-0.3	-0.0	0.1	-0.3	-0.91
7	0.1	-0.5	-0.2	0.2	-0.5	-13.97
7	0.2	0.0	0.0	0.2	0.0	1.85
8	0.1	-0.0	-0.1	0.1	-0.1	-21.48
8	0.1	-0.2	0.0	0.1	-0.2	0.01
8	0.1	-0.5	-0.2	0.1	-0.5	-14.54
8	0.2	0.0	-0.0	0.2	0.0	-0.90
9	0.1	-0.0	-0.1	0.2	-0.1	-20.43
9	0.2	-0.1	-0.0	0.2	-0.2	-5.73
9	0.1	-0.3	-0.1	0.1	-0.4	-15.29
9	0.2	0.0	-0.0	0.2	0.0	-8.02
10	0.1	-0.0	-0.1	0.2	-0.1	-20.04
10	0.2	-0.2	-0.0	0.2	-0.2	-2.48
10	0.1	-0.4	-0.1	0.1	-0.4	-15.33
10	0.2	0.0	-0.0	0.2	0.0	-7.50
11	0.1	-0.1	-0.1	0.1	-0.1	-22.66
11	0.1	-0.2	-0.0	0.1	-0.2	-5.05
11	0.1	-0.4	-0.1	0.2	-0.5	-14.09
11	0.2	0.0	-0.0	0.2	0.0	-1.10
12	0.1	-0.1	-0.1	0.1	-0.1	-22.64
12	0.1	-0.2	-0.0	0.1	-0.2	-5.09
12	0.1	-0.4	-0.1	0.2	-0.5	-14.10
12	0.2	0.0	-0.0	0.2	0.0	-1.14
13	0.1	-0.1	-0.1	0.1	-0.1	-22.66
13	0.1	-0.2	-0.0	0.1	-0.2	-5.05
13	0.1	-0.4	-0.1	0.2	-0.5	-14.09
13	0.2	0.0	-0.0	0.2	0.0	-1.10
14	0.1	-0.1	-0.1	0.1	-0.1	-22.63
14	0.1	-0.2	-0.0	0.1	-0.2	-5.13
14	0.1	-0.4	-0.1	0.2	-0.5	-14.10
14	0.2	0.0	-0.0	0.2	0.0	-1.17
15	0.1	-0.1	-0.1	0.1	-0.1	-22.66
15	0.1	-0.2	-0.0	0.1	-0.2	-5.05
15	0.1	-0.4	-0.1	0.2	-0.5	-14.09
15	0.2	0.0	-0.0	0.2	0.0	-1.10
16	0.1	-0.1	-0.1	0.1	-0.1	-22.61
16	0.1	-0.2	-0.0	0.1	-0.2	-5.16
16	0.1	-0.4	-0.1	0.2	-0.5	-14.11
16	0.2	0.0	-0.0	0.2	0.0	-1.20

- Verifiche setti in c.a.

- Modalità di verifica

I setti in c.a. vengono verificati, in ottemperanza al punto **5.3.4.** del D.M. 27 luglio 1985, come setti o pareti.



Viene calcolato lo sforzo normale medio agente sul setto e il momento ad esso associato.
La sezione viene armata rispettando gli interassi minimi da regolamento e la verifica procede a presso-flessione retta via via incrementando il diametro dei ferri di parete.
Quando necessario vengono inoltre introdotti ferri laterali di completamento da disporsi sulle estremità del setto stesso.
Nelle verifiche vengono riportate, nelle sezioni di base e di sommità del setto, le tensioni massima e media dovuta al solo sforzo normale nel calcestruzzo (e la combinazione di carico che le produce) e le tensioni nei ferri tesi e compressi (nonché indicazione della combinazione di carico che le produce).

- Sezioni Impiegate:

Sez	Info	Dimensioni	Criterio
1	Muro fondazione	B 115 [cm] H 80 [cm] s 35 [cm] Terreno numero 1	Verset
2	Paramento verticale	s 35 [cm]	Verset

Cls	f_{cd} [kg/cm²]	tau_{rd} [kg/cm²]	σ_{RARE} [kg/cm²]	σ_{FREQ} [kg/cm²]	σ_{QP} [kg/cm²]
Rbk 300	132.3	2.8	124.5	99.6	99.6

Acciaio	f_{yd} [kg/cm²]	σ_{yRARE} [kg/cm²]	σ_{yFREQ} [kg/cm²]	σ_{yQP} [kg/cm²]	Copriferro [cm]
B 450 C	3739.0	4300.0	4300.0	4300.0	2.00

Fattore di sovraresistenza gamma$_{R,d}$=1.00 Verifiche condotte come "Sistema Misto"

- Verifiche Setti:

- Setto : 21 77 41 1 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	932.5	0.0	1315.5	0.19
Som.	2	5295.4	0.0	1268.7	0.35

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	164.4	0.0	751.2	-5.6
Cls.Med	11	164.4	0.0	751.2	0.0
Ft.	11	164.4	0.0	751.2	434.6
Fc.	11	164.4	0.0	751.2	-55.9
Sommita					
Cls.	11	164.4	0.0	751.2	-5.6
Cls.Med	11	164.4	0.0	751.2	0.0
Ft.	11	164.4	0.0	751.2	434.6
Fc.	11	164.4	0.0	751.2	-55.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
21 41	5	1106.2	1.50	1659.2	4269.4	1479.8	78139.7	19029.2	6987.6

- Setto : 77 114 113 41 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3877.8	0.0	370.4	0.20
Som.	2	5354.4	0.0	190.7	0.23

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2585.5	0.0	247.0	13.4

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Cls.Med	11	2585.0	0.0	246.8	0.0
Ft.	12	2585.2	0.0	246.9	542.9
Fc.	16	2585.5	0.0	247.0	219.0
Sommita					
Cls.	16	2585.5	0.0	247.0	13.4
Cls.Med	11	2585.0	0.0	246.8	0.0
Ft.	12	2585.2	0.0	246.9	542.9
Fc.	16	2585.5	0.0	247.0	219.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
77 113	7	584.0	1.50	876.0	3607.5	368.4	78139.7	19029.2	5170.4

- Setto : 114 189 188 113 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4911.6	0.0	674.0	0.27
Som.	2	6683.4	0.0	1065.1	0.39

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3274.0	0.0	450.9	10.2
Cls.Med	11	3274.0	0.0	450.9	0.0
Ft.	11	3274.0	0.0	450.9	778.3
Fc.	11	3274.0	0.0	450.9	186.7
Sommita					
Cls.	11	3274.0	0.0	450.9	10.2
Cls.Med	11	3274.0	0.0	450.9	0.0
Ft.	11	3274.0	0.0	450.9	778.3
Fc.	11	3274.0	0.0	450.9	186.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

									[kg]
114 188	6	-922.6	1.50	-1383.9	3847.0	532.3	78139.7	19029.2	5827.5

- Setto : 2 42 77 21 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	35.3	0.0	729.4	0.08
Som.	2	4493.8	0.0	517.2	0.24

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-370.5	0.0	312.2	-2.2
Cls.Med	11	-370.5	0.0	312.2	-1.1
Ft.	11	-370.5	0.0	312.2	109.6
Fc.	11	-370.5	0.0	312.2	-25.9
Sommita					
Cls.	11	-370.5	0.0	312.2	-2.2
Cls.Med	11	-370.5	0.0	312.2	-1.1
Ft.	11	-370.5	0.0	312.2	109.6
Fc.	11	-370.5	0.0	312.2	-25.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
2 77	5	581.9	1.50	872.9	3407.3	805.1	78139.7	19029.2	6289.0

- Setto : 42 115 114 77 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3933.6	0.0	249.6	0.18
Som.	2	5410.1	0.0	404.8	0.26

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2621.9	0.0	167.0	17.6
Cls.Med	11	2621.9	0.0	167.0	0.0
Ft.	11	2621.9	0.0	167.0	495.9
Fc.	11	2621.9	0.0	167.0	276.9
Sommita					
Cls.	11	2621.9	0.0	167.0	17.6
Cls.Med	11	2621.9	0.0	167.0	0.0
Ft.	11	2621.9	0.0	167.0	495.9
Fc.	11	2621.9	0.0	167.0	276.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
42 114	6	-535.1	1.50	-802.6	3000.6	359.2	78139.7	19029.2	5605.0

- Setto : 115 190 189 114 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	5000.4	0.0	151.4	0.21
Som.	2	6772.3	0.0	-261.0	0.30

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	3334.2	0.0	102.3	27.8
Cls.Med	11	3333.2	0.0	99.9	0.0
Ft.	12	3333.6	0.0	100.9	557.5
Fc.	16	3334.2	0.0	102.3	424.3
Sommita					
Cls.	16	3334.2	0.0	102.3	27.8
Cls.Med	11	3333.2	0.0	99.9	0.0
Ft.	12	3333.6	0.0	100.9	557.5
Fc.	16	3334.2	0.0	102.3	424.3

- Verifiche a Taglio

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
115 189	9	-444.2	1.50	-666.3	3887.2	-282.2	78139.7	19029.2	5170.4

- Setto : 22 78 42 2 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	-396.1	0.0	812.8	0.08
Som.	2	4161.9	0.0	477.0	0.22

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-592.0	0.0	297.5	-2.0
Cls.Med	11	-592.0	0.0	297.5	-1.0
Ft.	11	-592.0	0.0	297.5	69.4
Fc.	11	-592.0	0.0	297.5	-24.5
Sommita					
Cls.	11	-592.0	0.0	297.5	-2.0
Cls.Med	11	-592.0	0.0	297.5	-1.0
Ft.	11	-592.0	0.0	297.5	69.4
Fc.	11	-592.0	0.0	297.5	-24.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
22 42	5	717.1	1.50	1075.7	2961.7	810.1	78139.7	19029.2	6354.5

- Setto : 78 116 115 42 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3763.9	0.0	68.8	0.16
Som.	2	5240.5	0.0	-41.4	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2508.4	0.0	45.9	22.4
Cls.Med	11	2508.4	0.0	45.9	0.0
Ft.	12	2509.3	0.0	45.8	399.9
Fc.	11	2508.4	0.0	45.9	339.5
Sommita					
Cls.	11	2508.4	0.0	45.9	22.4
Cls.Med	11	2508.4	0.0	45.9	0.0
Ft.	12	2509.3	0.0	45.8	399.9
Fc.	11	2508.4	0.0	45.9	339.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
78 115	6	351.6	1.50	527.5	3684.1	245.9	78139.7	19029.2	5170.4

- Setto : 116 191 190 115 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4976.9	0.0	440.6	0.25
Som.	2	6748.8	0.0	859.3	0.37

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3317.3	0.0	295.5	18.2
Cls.Med	11	3317.3	0.0	295.5	0.0
Ft.	11	3317.3	0.0	295.5	682.7
Fc.	11	3317.3	0.0	295.5	295.0
Sommita					
Cls.	11	3317.3	0.0	295.5	18.2
Cls.Med	11	3317.3	0.0	295.5	0.0
Ft.	11	3317.3	0.0	295.5	682.7
Fc.	11	3317.3	0.0	295.5	295.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
116 190	6	-572.4	1.50	-858.6	3706.7	390.4	78139.7	19029.2	5385.7

- Setto : 3 43 78 22 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	-660.3	0.0	647.0	0.05
Som.	6	2706.4	0.0	662.5	0.18

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-621.3	0.0	107.1	-0.5
Cls.Med	11	-621.3	0.0	107.1	-0.3
Ft.	11	-621.3	0.0	107.1	1.2
Fc.	11	-621.3	0.0	107.1	-7.7
Sommita					
Cls.	11	-621.3	0.0	107.1	-0.5
Cls.Med	11	-621.3	0.0	107.1	-0.3
Ft.	11	-621.3	0.0	107.1	1.2
Fc.	11	-621.3	0.0	107.1	-7.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
3 78	6	525.9	1.50	788.9	2706.4	662.5	78139.7	19029.2	6190.9

- Setto : 43 117 116 78 / Sezione 2

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3606.7	0.0	-4.5	0.14
Som.	2	5083.2	0.0	137.9	0.22

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2406.4	0.0	-3.7	23.5
Cls.Med	11	2402.9	0.0	-2.4	0.0
Ft.	12	2404.4	0.0	-3.0	356.3
Fc.	16	2406.4	0.0	-3.7	352.2
Sommita					
Cls.	16	2406.4	0.0	-3.7	23.5
Cls.Med	11	2402.9	0.0	-2.4	0.0
Ft.	12	2404.4	0.0	-3.0	356.3
Fc.	16	2406.4	0.0	-3.7	352.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
43 116	6	428.7	1.50	643.0	3377.9	348.1	78139.7	19029.2	5208.8

- Setto : 117 192 191 116 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4769.3	0.0	-119.4	0.20
Som.	2	6541.1	0.0	-490.0	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3178.6	0.0	-80.7	27.3
Cls.Med	11	3178.6	0.0	-80.7	0.0
Ft.	11	3178.6	0.0	-80.7	521.3
Fc.	11	3178.6	0.0	-80.7	415.5
Sommita					
Cls.	11	3178.6	0.0	-80.7	27.3

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Cls.Med	11	3178.6	0.0	-80.7	0.0
Ft.	11	3178.6	0.0	-80.7	521.3
Fc.	11	3178.6	0.0	-80.7	415.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
117 191	9	445.3	1.50	668.0	3225.2	-297.5	78139.7	19029.2	5170.4

- Setto : 23 79 43 3 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	-362.3	0.0	-448.2	0.04
Som.	9	3002.8	0.0	-469.4	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-537.1	0.0	16.1	-0.2
Cls.Med	11	-537.1	0.0	16.1	-0.2
Ft.	11	-537.1	0.0	16.1	-2.3
Fc.	11	-537.1	0.0	16.1	-3.6
Sommita					
Cls.	11	-537.1	0.0	16.1	-0.2
Cls.Med	11	-537.1	0.0	16.1	-0.2
Ft.	11	-537.1	0.0	16.1	-2.3
Fc.	11	-537.1	0.0	16.1	-3.6

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
23 43	6	387.2	1.50	580.7	2660.8	488.0	78139.7	19029.2	5926.5

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Setto : 79 118 117 43 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3674.7	0.0	-188.2	0.17
Som.	2	5151.2	0.0	-331.1	0.24

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2448.2	0.0	-125.4	18.0
Cls.Med	11	2448.2	0.0	-125.4	0.0
Ft.	12	2449.8	0.0	-125.5	443.3
Fc.	11	2448.2	0.0	-125.4	278.5
Sommita					
Cls.	11	2448.2	0.0	-125.4	18.0
Cls.Med	11	2448.2	0.0	-125.4	0.0
Ft.	12	2449.8	0.0	-125.5	443.3
Fc.	11	2448.2	0.0	-125.4	278.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
79 117	9	-662.0	1.50	-993.0	3757.9	-530.9	78139.7	19029.2	5836.9

- Setto : 118 193 192 117 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4494.4	0.0	384.7	0.22
Som.	2	6266.2	0.0	825.1	0.34

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2993.7	0.0	259.7	16.8
Cls.Med	11	2993.7	0.0	259.7	0.0
Ft.	11	2993.7	0.0	259.7	611.5

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Fc. Sommita	11	2993.7	0.0	259.7	270.8
Cls.	11	2993.7	0.0	259.7	16.8
Cls.Med	11	2993.7	0.0	259.7	0.0
Ft.	11	2993.7	0.0	259.7	611.5
Fc.	11	2993.7	0.0	259.7	270.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
118 192	6	-515.8	1.50	-773.7	2547.2	292.4	78139.7	19029.2	5521.9

- Setto : 4 44 79 23 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	-216.9	0.0	-346.1	0.03
Som.	2	4336.9	0.0	-91.0	0.18

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-475.8	0.0	-46.3	-0.3
Cls.Med	11	-475.8	0.0	-46.3	-0.2
Ft.	16	-472.4	0.0	-46.5	-0.8
Fc.	11	-475.8	0.0	-46.3	-4.4
Sommita					
Cls.	11	-475.8	0.0	-46.3	-0.3
Cls.Med	11	-475.8	0.0	-46.3	-0.2
Ft.	16	-472.4	0.0	-46.5	-0.8
Fc.	11	-475.8	0.0	-46.3	-4.4

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
4 79	9	-279.7	1.50	-419.5	3154.5	-367.6	78139.7	19029.2	5595.3

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Setto : 44 119 118 79 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4239.9	0.0	-346.1	0.21
Som.	2	5716.5	0.0	-389.5	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2825.2	0.0	-230.6	16.5
Cls.Med	11	2825.2	0.0	-230.6	0.0
Ft.	12	2826.6	0.0	-230.8	567.9
Fc.	11	2825.2	0.0	-230.6	265.1
Sommita					
Cls.	11	2825.2	0.0	-230.6	16.5
Cls.Med	11	2825.2	0.0	-230.6	0.0
Ft.	12	2826.6	0.0	-230.8	567.9
Fc.	11	2825.2	0.0	-230.6	265.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
44 118	4	-658.4	1.50	-987.6	4424.2	-564.0	78139.7	19029.2	5810.8

- Setto : 119 194 193 118 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4057.5	0.0	-1014.6	0.28
Som.	2	5829.4	0.0	-1394.1	0.39

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Base					
Cls.	11	2699.7	0.0	-679.4	-2.6
Cls.Med	11	2699.7	0.0	-679.4	0.0
Ft.	11	2699.7	0.0	-679.4	830.4
Fc.	11	2699.7	0.0	-679.4	7.6
Sommita					
Cls.	11	2699.7	0.0	-679.4	-2.6
Cls.Med	11	2699.7	0.0	-679.4	0.0
Ft.	11	2699.7	0.0	-679.4	830.4
Fc.	11	2699.7	0.0	-679.4	7.6

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
119 193	9	1218.0	1.50	1827.0	3328.5	-963.9	78139.7	19029.2	6500.5

- Setto : 24 80 44 4 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base					
Som.	2	1456.6	0.0	46.5	0.25

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-151.2	0.0	30.5	-2.0
Cls.Med	11	-151.2	0.0	30.5	-1.0
Ft.	11	-151.2	0.0	30.5	74.7
Fc.	11	-151.2	0.0	30.5	-14.2
Sommita					
Cls.	11	-151.2	0.0	30.5	-2.0
Cls.Med	11	-151.2	0.0	30.5	-1.0
Ft.	11	-151.2	0.0	30.5	74.7
Fc.	11	-151.2	0.0	30.5	-14.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
24 44	5	51.1	1.50	76.6	939.8	66.9	26046.6	2819.1	1005.1

- Setto : 80 120 119 44 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1707.4	0.0	-249.5	0.54
Som.	2	2199.6	0.0	-264.3	0.62

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	1137.5	0.0	-166.7	-9.9
Cls.Med	11	1137.5	0.0	-166.7	0.0
Ft.	11	1137.5	0.0	-166.7	1408.8
Fc.	11	1137.5	0.0	-166.7	80.2
Sommita					
Cls.	11	1137.5	0.0	-166.7	-9.9
Cls.Med	11	1137.5	0.0	-166.7	0.0
Ft.	11	1137.5	0.0	-166.7	1408.8
Fc.	11	1137.5	0.0	-166.7	80.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
80 119	4	364.5	1.50	546.8	1502.1	-266.7	26046.6	2819.1	1540.3

- Setto : 120 195 194 119 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1862.4	0.0	-475.0	0.83
Som.	2	2453.0	0.0	-469.9	0.91

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	1243.4	0.0	-317.5	-21.1
Cls.Med	11	1243.4	0.0	-317.5	0.0
Ft.	11	1243.4	0.0	-317.5	2192.6
Fc.	11	1243.4	0.0	-317.5	52.1
Sommita					
Cls.	11	1243.4	0.0	-317.5	-21.1
Cls.Med	11	1243.4	0.0	-317.5	0.0
Ft.	11	1243.4	0.0	-317.5	2192.6
Fc.	11	1243.4	0.0	-317.5	52.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
120 194	9	-445.2	1.50	-667.8	2009.8	-389.2	26046.6	2819.1	1848.4

- Setto : 5 45 80 24 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	-214.1	0.0	60.3	0.05
Som.	2	1420.7	0.0	55.2	0.26

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-175.2	0.0	35.7	-2.3
Cls.Med	11	-175.2	0.0	35.7	-1.2
Ft.	12	-174.7	0.0	35.7	88.5
Fc.	11	-175.2	0.0	35.7	-16.5
Sommita					
Cls.	11	-175.2	0.0	35.7	-2.3
Cls.Med	11	-175.2	0.0	35.7	-1.2
Ft.	12	-174.7	0.0	35.7	88.5
Fc.	11	-175.2	0.0	35.7	-16.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
5 80	5	48.1	1.50	72.2	909.4	61.3	26046.6	2819.1	989.5

- Setto : 45 121 120 80 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	4	1855.5	0.0	-305.4	0.62
Som.	4	2185.4	0.0	-320.6	0.69

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1370.5	0.0	-176.9	-9.9
Cls.Med	11	1369.8	0.0	-176.6	0.0
Ft.	12	1370.5	0.0	-176.9	1582.5
Fc.	16	1371.4	0.0	-177.2	105.1
Sommita					
Cls.	12	1370.5	0.0	-176.9	-9.9
Cls.Med	11	1369.8	0.0	-176.6	0.0
Ft.	12	1370.5	0.0	-176.9	1582.5
Fc.	16	1371.4	0.0	-177.2	105.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
45 120	4	416.5	1.50	624.8	1855.5	-305.4	26046.6	2819.1	1628.8

- Setto : 121 196 195 120 / Sezione 2

S.L.U.	Comb.	N	Mx	My	Sd/Sr

		[kg]	[kgm]	[kgm]	
Base	2	1754.9	0.0	-247.4	0.54
Som.	2	2345.5	0.0	-244.0	0.62

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1169.9	0.0	-164.9	-9.6
Cls.Med	11	1171.6	0.0	-164.0	0.0
Ft.	12	1169.9	0.0	-164.9	1417.8
Fc.	16	1167.7	0.0	-166.1	84.0
Sommita					
Cls.	12	1169.9	0.0	-164.9	-9.6
Cls.Med	11	1171.6	0.0	-164.0	0.0
Ft.	12	1169.9	0.0	-164.9	1417.8
Fc.	16	1167.7	0.0	-166.1	84.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
121 195	4	-256.5	1.50	-384.8	1853.0	-236.5	26046.6	2819.1	1441.4

- Setto : 25 81 46 6 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	-214.1	0.0	-60.3	0.05
Som.	2	1420.7	0.0	-55.2	0.26

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-175.2	0.0	-35.7	-2.3
Cls.Med	11	-175.2	0.0	-35.7	-1.2
Ft.	12	-174.7	0.0	-35.7	88.5
Fc.	11	-175.2	0.0	-35.7	-16.5
Sommita					
Cls.	11	-175.2	0.0	-35.7	-2.3
Cls.Med	11	-175.2	0.0	-35.7	-1.2
Ft.	12	-174.7	0.0	-35.7	88.5

Fc.	11	-175.2	0.0	-35.7	-16.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
25 46	6	-48.1	1.50	-72.2	909.4	-61.3	26046.6	2819.1	989.5

- Setto : 81 126 125 46 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	8	1855.5	0.0	305.4	0.62
Som.	8	2185.4	0.0	320.6	0.69

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1370.5	0.0	176.9	-9.9
Cls.Med	11	1369.8	0.0	176.6	0.0
Ft.	12	1370.5	0.0	176.9	1582.5
Fc.	16	1371.4	0.0	177.2	105.1
Sommita					
Cls.	12	1370.5	0.0	176.9	-9.9
Cls.Med	11	1369.8	0.0	176.6	0.0
Ft.	12	1370.5	0.0	176.9	1582.5
Fc.	16	1371.4	0.0	177.2	105.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
81 125	8	-416.5	1.50	-624.8	1855.5	305.4	26046.6	2819.1	1628.8

- Setto : 126 201 200 125 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1754.9	0.0	247.4	0.54
Som.	2	2345.5	0.0	244.0	0.62

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1169.9	0.0	164.9	-9.6
Cls.Med	11	1171.6	0.0	164.0	0.0
Ft.	12	1169.9	0.0	164.9	1417.8
Fc.	16	1167.7	0.0	166.1	84.0
Sommita					
Cls.	12	1169.9	0.0	164.9	-9.6
Cls.Med	11	1171.6	0.0	164.0	0.0
Ft.	12	1169.9	0.0	164.9	1417.8
Fc.	16	1167.7	0.0	166.1	84.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
126 200	8	256.5	1.50	384.8	1853.0	236.5	26046.6	2819.1	1441.4

- Setto : 26 82 47 7 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	-216.9	0.0	346.1	0.03
Som.	2	4336.9	0.0	91.0	0.18

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-475.8	0.0	46.3	-0.3
Cls.Med	11	-475.8	0.0	46.3	-0.2
Ft.	16	-472.4	0.0	46.5	-0.8

Fc.	11	-475.8	0.0	46.3	-4.4
Sommita					
Cls.	11	-475.8	0.0	46.3	-0.3
Cls.Med	11	-475.8	0.0	46.3	-0.2
Ft.	16	-472.4	0.0	46.5	-0.8
Fc.	11	-475.8	0.0	46.3	-4.4

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
26 47	10	279.7	1.50	419.5	3154.5	367.6	78139.7	19029.2	5595.3

- Setto : 82 128 127 47 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4239.9	0.0	346.1	0.21
Som.	2	5716.5	0.0	389.5	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2825.2	0.0	230.6	16.5
Cls.Med	11	2825.2	0.0	230.6	0.0
Ft.	12	2826.6	0.0	230.8	567.9
Fc.	11	2825.2	0.0	230.6	265.1
Sommita					
Cls.	11	2825.2	0.0	230.6	16.5
Cls.Med	11	2825.2	0.0	230.6	0.0
Ft.	12	2826.6	0.0	230.8	567.9
Fc.	11	2825.2	0.0	230.6	265.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
82 127	8	658.4	1.50	987.6	4424.2	564.0	78139.7	19029.2	5810.8

- Setto : 128 203 202 127 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4057.5	0.0	1014.6	0.28
Som.	2	5829.4	0.0	1394.1	0.39

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2699.7	0.0	679.4	-2.6
Cls.Med	11	2699.7	0.0	679.4	0.0
Ft.	11	2699.7	0.0	679.4	830.4
Fc.	11	2699.7	0.0	679.4	7.6
Sommita					
Cls.	11	2699.7	0.0	679.4	-2.6
Cls.Med	11	2699.7	0.0	679.4	0.0
Ft.	11	2699.7	0.0	679.4	830.4
Fc.	11	2699.7	0.0	679.4	7.6

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
128 202	10	-1218.0	1.50	-1827.0	3328.5	963.9	78139.7	19029.2	6500.5

- Setto : 7 47 81 25 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	-181.0	0.0	-67.3	0.06
Som.	2	1456.6	0.0	-46.5	0.25

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Base					
Cls.	11	-151.2	0.0	-30.5	-2.0
Cls.Med	11	-151.2	0.0	-30.5	-1.0
Ft.	11	-151.2	0.0	-30.5	74.7
Fc.	11	-151.2	0.0	-30.5	-14.2
Sommita					
Cls.	11	-151.2	0.0	-30.5	-2.0
Cls.Med	11	-151.2	0.0	-30.5	-1.0
Ft.	11	-151.2	0.0	-30.5	74.7
Fc.	11	-151.2	0.0	-30.5	-14.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
7 81	6	-51.1	1.50	-76.6	939.8	-66.9	26046.6	2819.1	1005.1

- Setto : 47 127 126 81 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1707.4	0.0	249.5	0.54
Som.	2	2199.6	0.0	264.3	0.62

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	1137.5	0.0	166.7	-9.9
Cls.Med	11	1137.5	0.0	166.7	0.0
Ft.	11	1137.5	0.0	166.7	1408.8
Fc.	11	1137.5	0.0	166.7	80.2
Sommita					
Cls.	11	1137.5	0.0	166.7	-9.9
Cls.Med	11	1137.5	0.0	166.7	0.0
Ft.	11	1137.5	0.0	166.7	1408.8
Fc.	11	1137.5	0.0	166.7	80.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
47 126	8	-364.5	1.50	-546.8	1502.1	266.7	26046.6	2819.1	1540.3

- Setto : 127 202 201 126 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1862.4	0.0	475.0	0.83
Som.	2	2453.0	0.0	469.9	0.91

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	1243.4	0.0	317.5	-21.1
Cls.Med	11	1243.4	0.0	317.5	0.0
Ft.	11	1243.4	0.0	317.5	2192.6
Fc.	11	1243.4	0.0	317.5	52.1
Sommita					
Cls.	11	1243.4	0.0	317.5	-21.1
Cls.Med	11	1243.4	0.0	317.5	0.0
Ft.	11	1243.4	0.0	317.5	2192.6
Fc.	11	1243.4	0.0	317.5	52.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
127 201	10	445.2	1.50	667.8	2009.8	389.2	26046.6	2819.1	1848.4

- Setto : 27 83 48 8 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	-660.3	0.0	-647.0	0.05
Som.	5	2706.4	0.0	-662.5	0.18

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-621.3	0.0	-107.1	-0.5
Cls.Med	11	-621.3	0.0	-107.1	-0.3
Ft.	11	-621.3	0.0	-107.1	1.2
Fc.	11	-621.3	0.0	-107.1	-7.7
Sommita					
Cls.	11	-621.3	0.0	-107.1	-0.5
Cls.Med	11	-621.3	0.0	-107.1	-0.3
Ft.	11	-621.3	0.0	-107.1	1.2
Fc.	11	-621.3	0.0	-107.1	-7.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
27 48	5	-525.9	1.50	-788.9	2706.4	-662.5	78139.7	19029.2	6190.9

- Setto : 83 130 129 48 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3606.7	0.0	4.5	0.14
Som.	2	5083.2	0.0	-137.9	0.22

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2406.4	0.0	3.7	23.5
Cls.Med	11	2402.9	0.0	2.4	0.0
Ft.	12	2404.4	0.0	3.0	356.3
Fc.	16	2406.4	0.0	3.7	352.2
Sommita					
Cls.	16	2406.4	0.0	3.7	23.5
Cls.Med	11	2402.9	0.0	2.4	0.0
Ft.	12	2404.4	0.0	3.0	356.3
Fc.	16	2406.4	0.0	3.7	352.2

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
83 129	5	-428.7	1.50	-643.0	3377.9	-348.1	78139.7	19029.2	5208.8

- Setto : 130 205 204 129 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4769.3	0.0	119.4	0.20
Som.	2	6541.1	0.0	490.0	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3178.6	0.0	80.7	27.3
Cls.Med	11	3178.6	0.0	80.7	0.0
Ft.	11	3178.6	0.0	80.7	521.3
Fc.	11	3178.6	0.0	80.7	415.5
Sommita					
Cls.	11	3178.6	0.0	80.7	27.3
Cls.Med	11	3178.6	0.0	80.7	0.0
Ft.	11	3178.6	0.0	80.7	521.3
Fc.	11	3178.6	0.0	80.7	415.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
130 204	10	-445.3	1.50	-668.0	3225.2	297.5	78139.7	19029.2	5170.4

- Setto : 8 48 82 26 / Sezione 1

S.L.U.	Comb.	N	Mx	My	Sd/Sr

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

		[kg]	[kgm]	[kgm]	
Base	10	-362.3	0.0	448.2	0.04
Som.	10	3002.8	0.0	469.4	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-537.1	0.0	-16.1	-0.2
Cls.Med	11	-537.1	0.0	-16.1	-0.2
Ft.	11	-537.1	0.0	-16.1	-2.3
Fc.	11	-537.1	0.0	-16.1	-3.6
Sommita					
Cls.	11	-537.1	0.0	-16.1	-0.2
Cls.Med	11	-537.1	0.0	-16.1	-0.2
Ft.	11	-537.1	0.0	-16.1	-2.3
Fc.	11	-537.1	0.0	-16.1	-3.6

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
8 82	5	-387.2	1.50	-580.7	2660.8	-488.0	78139.7	19029.2	5926.5

- Setto : 48 129 128 82 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3674.7	0.0	188.2	0.17
Som.	2	5151.2	0.0	331.1	0.24

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2448.2	0.0	125.4	18.0
Cls.Med	11	2448.2	0.0	125.4	0.0
Ft.	12	2449.8	0.0	125.5	443.3
Fc.	11	2448.2	0.0	125.4	278.5
Sommita					
Cls.	11	2448.2	0.0	125.4	18.0
Cls.Med	11	2448.2	0.0	125.4	0.0
Ft.	12	2449.8	0.0	125.5	443.3

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Fc.	11	2448.2	0.0	125.4	278.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
48 128	10	662.0	1.50	993.0	3757.9	530.9	78139.7	19029.2	5836.9

- Setto : 129 204 203 128 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4494.4	0.0	-384.7	0.22
Som.	2	6266.2	0.0	-825.1	0.34

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2993.7	0.0	-259.7	16.8
Cls.Med	11	2993.7	0.0	-259.7	0.0
Ft.	11	2993.7	0.0	-259.7	611.5
Fc.	11	2993.7	0.0	-259.7	270.8
Sommita					
Cls.	11	2993.7	0.0	-259.7	16.8
Cls.Med	11	2993.7	0.0	-259.7	0.0
Ft.	11	2993.7	0.0	-259.7	611.5
Fc.	11	2993.7	0.0	-259.7	270.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
129 203	5	515.8	1.50	773.7	2547.2	-292.4	78139.7	19029.2	5521.9

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Setto : 28 84 49 9 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	35.3	0.0	-729.4	0.08
Som.	2	4493.8	0.0	-517.2	0.24

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-370.5	0.0	-312.2	-2.2
Cls.Med	11	-370.5	0.0	-312.2	-1.1
Ft.	11	-370.5	0.0	-312.2	109.6
Fc.	11	-370.5	0.0	-312.2	-25.9
Sommita					
Cls.	11	-370.5	0.0	-312.2	-2.2
Cls.Med	11	-370.5	0.0	-312.2	-1.1
Ft.	11	-370.5	0.0	-312.2	109.6
Fc.	11	-370.5	0.0	-312.2	-25.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
28 49	6	-581.9	1.50	-872.9	3407.3	-805.1	78139.7	19029.2	6289.0

- Setto : 84 132 131 49 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3933.6	0.0	-249.6	0.18
Som.	2	5410.1	0.0	-404.8	0.26

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2621.8	0.0	-167.0	17.6
Cls.Med	11	2621.8	0.0	-167.0	0.0
Ft.	11	2621.8	0.0	-167.0	495.9

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Fc. Sommita	11	2621.8	0.0	-167.0	276.9
Cls.	11	2621.8	0.0	-167.0	17.6
Cls.Med	11	2621.8	0.0	-167.0	0.0
Ft.	11	2621.8	0.0	-167.0	495.9
Fc.	11	2621.8	0.0	-167.0	276.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
84 131	5	535.1	1.50	802.6	3000.6	-359.2	78139.7	19029.2	5605.0

- Setto : 132 207 206 131 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	5000.4	0.0	-151.4	0.21
Som.	2	6772.3	0.0	261.0	0.30

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	3334.2	0.0	-102.3	27.8
Cls.Med	11	3333.2	0.0	-99.9	0.0
Ft.	12	3333.6	0.0	-100.9	557.5
Fc.	16	3334.2	0.0	-102.3	424.3
Sommita					
Cls.	16	3334.2	0.0	-102.3	27.8
Cls.Med	11	3333.2	0.0	-99.9	0.0
Ft.	12	3333.6	0.0	-100.9	557.5
Fc.	16	3334.2	0.0	-102.3	424.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
132 206	10	444.2	1.50	666.3	3887.2	282.2	78139.7	19029.2	5170.4

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Setto : 9 49 83 27 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	-396.1	0.0	-812.8	0.08
Som.	2	4161.9	0.0	-477.0	0.22

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-592.0	0.0	-297.5	-2.0
Cls.Med	11	-592.0	0.0	-297.5	-1.0
Ft.	11	-592.0	0.0	-297.5	69.4
Fc.	11	-592.0	0.0	-297.5	-24.5
Sommita					
Cls.	11	-592.0	0.0	-297.5	-2.0
Cls.Med	11	-592.0	0.0	-297.5	-1.0
Ft.	11	-592.0	0.0	-297.5	69.4
Fc.	11	-592.0	0.0	-297.5	-24.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
9 83	6	-717.1	1.50	-1075.7	2961.7	-810.1	78139.7	19029.2	6354.5

- Setto : 49 131 130 83 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3763.9	0.0	-68.8	0.16
Som.	2	5240.5	0.0	41.4	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Base					
Cls.	11	2508.4	0.0	-45.9	22.4
Cls.Med	11	2508.4	0.0	-45.9	0.0
Ft.	12	2509.3	0.0	-45.8	399.9
Fc.	11	2508.4	0.0	-45.9	339.5
Sommita					
Cls.	11	2508.4	0.0	-45.9	22.4
Cls.Med	11	2508.4	0.0	-45.9	0.0
Ft.	12	2509.3	0.0	-45.8	399.9
Fc.	11	2508.4	0.0	-45.9	339.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
49 130	5	-351.6	1.50	-527.5	3684.1	-245.9	78139.7	19029.2	5170.4

- Setto : 131 206 205 130 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4976.9	0.0	-440.6	0.25
Som.	2	6748.8	0.0	-859.3	0.37

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3317.3	0.0	-295.5	18.2
Cls.Med	11	3317.3	0.0	-295.5	0.0
Ft.	11	3317.3	0.0	-295.5	682.7
Fc.	11	3317.3	0.0	-295.5	295.0
Sommita					
Cls.	11	3317.3	0.0	-295.5	18.2
Cls.Med	11	3317.3	0.0	-295.5	0.0
Ft.	11	3317.3	0.0	-295.5	682.7
Fc.	11	3317.3	0.0	-295.5	295.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
131 205	5	572.4	1.50	858.6	3706.7	-390.4	78139.7	19029.2	5385.7

- Setto : 10 50 84 28 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	932.5	0.0	-1315.5	0.19
Som.	2	5295.4	0.0	-1268.7	0.35

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	164.4	0.0	-751.2	-5.6
Cls.Med	11	164.4	0.0	-751.2	0.0
Ft.	11	164.4	0.0	-751.2	434.6
Fc.	11	164.4	0.0	-751.2	-55.9
Sommita					
Cls.	11	164.4	0.0	-751.2	-5.6
Cls.Med	11	164.4	0.0	-751.2	0.0
Ft.	11	164.4	0.0	-751.2	434.6
Fc.	11	164.4	0.0	-751.2	-55.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
10 84	6	-1106.2	1.50	-1659.2	4269.4	-1479.8	78139.7	19029.2	6987.6

- Setto : 50 133 132 84 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3877.8	0.0	-370.4	0.20
Som.	2	5354.4	0.0	-190.7	0.23

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2585.5	0.0	-247.0	13.4
Cls.Med	11	2585.0	0.0	-246.8	0.0
Ft.	12	2585.2	0.0	-246.9	542.9
Fc.	16	2585.5	0.0	-247.0	219.0
Sommita					
Cls.	16	2585.5	0.0	-247.0	13.4
Cls.Med	11	2585.0	0.0	-246.8	0.0
Ft.	12	2585.2	0.0	-246.9	542.9
Fc.	16	2585.5	0.0	-247.0	219.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
50 132	3	-584.0	1.50	-876.0	3607.5	-368.4	78139.7	19029.2	5170.4

- Setto : 133 208 207 132 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4911.6	0.0	-674.0	0.27
Som.	2	6683.4	0.0	-1065.1	0.39

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3274.0	0.0	-450.9	10.2
Cls.Med	11	3274.0	0.0	-450.9	0.0
Ft.	11	3274.0	0.0	-450.9	778.3
Fc.	11	3274.0	0.0	-450.9	186.7
Sommita					
Cls.	11	3274.0	0.0	-450.9	10.2
Cls.Med	11	3274.0	0.0	-450.9	0.0
Ft.	11	3274.0	0.0	-450.9	778.3
Fc.	11	3274.0	0.0	-450.9	186.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
133 207	5	922.6	1.50	1383.9	3847.0	-532.3	78139.7	19029.2	5827.5

- Setto : 29 93 59 11 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	932.5	0.0	1315.5	0.19
Som.	2	5295.4	0.0	1268.7	0.35

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	164.4	0.0	751.2	-5.6
Cls.Med	11	164.4	0.0	751.2	0.0
Ft.	11	164.4	0.0	751.2	434.6
Fc.	11	164.4	0.0	751.2	-55.9
Sommita					
Cls.	11	164.4	0.0	751.2	-5.6
Cls.Med	11	164.4	0.0	751.2	0.0
Ft.	11	164.4	0.0	751.2	434.6
Fc.	11	164.4	0.0	751.2	-55.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
29 59	9	1106.2	1.50	1659.2	4269.4	1479.8	78139.7	19029.2	6987.6

- Setto : 93 151 150 59 / Sezione 2

S.L.U.	Comb.	N	Mx	My	Sd/Sr

		[kg]	[kgm]	[kgm]	
Base	2	3877.8	0.0	370.4	0.20
Som.	2	5354.4	0.0	190.7	0.23

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2585.5	0.0	247.0	13.4
Cls.Med	11	2585.0	0.0	246.8	0.0
Ft.	12	2585.2	0.0	246.9	542.9
Fc.	16	2585.5	0.0	247.0	219.0
Sommita					
Cls.	16	2585.5	0.0	247.0	13.4
Cls.Med	11	2585.0	0.0	246.8	0.0
Ft.	12	2585.2	0.0	246.9	542.9
Fc.	16	2585.5	0.0	247.0	219.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
93 150	8	584.0	1.50	876.0	3607.5	368.4	78139.7	19029.2	5170.4

- Setto : 151 504 503 150 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4911.6	0.0	674.0	0.27
Som.	2	6683.4	0.0	1065.1	0.39

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3274.0	0.0	450.9	10.2
Cls.Med	11	3274.0	0.0	450.9	0.0
Ft.	11	3274.0	0.0	450.9	778.3
Fc.	11	3274.0	0.0	450.9	186.7
Sommita					
Cls.	11	3274.0	0.0	450.9	10.2
Cls.Med	11	3274.0	0.0	450.9	0.0
Ft.	11	3274.0	0.0	450.9	778.3

Fc.	11	3274.0	0.0	450.9	186.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
151 503	10	-922.6	1.50	-1383.9	3847.0	532.3	78139.7	19029.2	5827.5

- Setto : 30 94 60 12 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	-396.1	0.0	812.8	0.08
Som.	2	4161.9	0.0	477.0	0.22

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-592.0	0.0	297.5	-2.0
Cls.Med	11	-592.0	0.0	297.5	-1.0
Ft.	11	-592.0	0.0	297.5	69.4
Fc.	11	-592.0	0.0	297.5	-24.5
Sommita					
Cls.	11	-592.0	0.0	297.5	-2.0
Cls.Med	11	-592.0	0.0	297.5	-1.0
Ft.	11	-592.0	0.0	297.5	69.4
Fc.	11	-592.0	0.0	297.5	-24.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
30 60	9	717.1	1.50	1075.7	2961.7	810.1	78139.7	19029.2	6354.5

- Setto : 94 153 152 60 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3763.9	0.0	68.8	0.16
Som.	2	5240.5	0.0	-41.4	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2508.4	0.0	45.9	22.4
Cls.Med	11	2508.4	0.0	45.9	0.0
Ft.	12	2509.3	0.0	45.8	399.9
Fc.	11	2508.4	0.0	45.9	339.5
Sommita					
Cls.	11	2508.4	0.0	45.9	22.4
Cls.Med	11	2508.4	0.0	45.9	0.0
Ft.	12	2509.3	0.0	45.8	399.9
Fc.	11	2508.4	0.0	45.9	339.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
94 152	10	351.6	1.50	527.5	3684.1	245.9	78139.7	19029.2	5170.4

- Setto : 153 506 505 152 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4976.9	0.0	440.6	0.25
Som.	2	6748.8	0.0	859.3	0.37

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3317.3	0.0	295.5	18.2
Cls.Med	11	3317.3	0.0	295.5	0.0
Ft.	11	3317.3	0.0	295.5	682.7
Fc.	11	3317.3	0.0	295.5	295.0
Sommita					
Cls.	11	3317.3	0.0	295.5	18.2
Cls.Med	11	3317.3	0.0	295.5	0.0
Ft.	11	3317.3	0.0	295.5	682.7
Fc.	11	3317.3	0.0	295.5	295.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
153 505	10	-572.4	1.50	-858.6	3706.7	390.4	78139.7	19029.2	5385.7

- Setto : 12 60 93 29 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	35.3	0.0	729.4	0.08
Som.	2	4493.8	0.0	517.2	0.24

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-370.5	0.0	312.2	-2.2
Cls.Med	11	-370.5	0.0	312.2	-1.1
Ft.	11	-370.5	0.0	312.2	109.6
Fc.	11	-370.5	0.0	312.2	-25.9
Sommita					
Cls.	11	-370.5	0.0	312.2	-2.2
Cls.Med	11	-370.5	0.0	312.2	-1.1
Ft.	11	-370.5	0.0	312.2	109.6
Fc.	11	-370.5	0.0	312.2	-25.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
12 93	9	581.9	1.50	872.9	3407.3	805.1	78139.7	19029.2	6289.0

- Setto : 60 152 151 93 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3933.6	0.0	249.6	0.18
Som.	2	5410.2	0.0	404.8	0.26

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2621.9	0.0	167.0	17.6
Cls.Med	11	2621.9	0.0	167.0	0.0
Ft.	11	2621.9	0.0	167.0	495.9
Fc.	11	2621.9	0.0	167.0	276.9
Sommita					
Cls.	11	2621.9	0.0	167.0	17.6
Cls.Med	11	2621.9	0.0	167.0	0.0
Ft.	11	2621.9	0.0	167.0	495.9
Fc.	11	2621.9	0.0	167.0	276.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
60 151	10	-535.1	1.50	-802.6	3000.6	359.2	78139.7	19029.2	5605.0

- Setto : 152 505 504 151 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	5000.4	0.0	151.4	0.21
Som.	2	6772.3	0.0	-261.0	0.30

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Base					
Cls.	16	3334.2	0.0	102.3	27.8
Cls.Med	11	3333.2	0.0	99.9	0.0
Ft.	12	3333.6	0.0	100.9	557.5
Fc.	16	3334.2	0.0	102.3	424.3
Sommita					
Cls.	16	3334.2	0.0	102.3	27.8
Cls.Med	11	3333.2	0.0	99.9	0.0
Ft.	12	3333.6	0.0	100.9	557.5
Fc.	16	3334.2	0.0	102.3	424.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
152 504	5	-444.2	1.50	-666.3	3887.2	-282.2	78139.7	19029.2	5170.4

- Setto : 31 95 61 13 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	-362.3	0.0	-448.2	0.04
Som.	5	3002.8	0.0	-469.4	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-537.1	0.0	16.1	-0.2
Cls.Med	11	-537.1	0.0	16.1	-0.2
Ft.	11	-537.1	0.0	16.1	-2.3
Fc.	11	-537.1	0.0	16.1	-3.6
Sommita					
Cls.	11	-537.1	0.0	16.1	-0.2
Cls.Med	11	-537.1	0.0	16.1	-0.2
Ft.	11	-537.1	0.0	16.1	-2.3
Fc.	11	-537.1	0.0	16.1	-3.6

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
31 61	10	387.2	1.50	580.7	2660.8	488.0	78139.7	19029.2	5926.5

- Setto : 95 155 154 61 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3674.7	0.0	-188.2	0.17
Som.	2	5151.2	0.0	-331.1	0.24

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2448.2	0.0	-125.4	18.0
Cls.Med	11	2448.2	0.0	-125.4	0.0
Ft.	12	2449.8	0.0	-125.5	443.3
Fc.	11	2448.2	0.0	-125.4	278.5
Sommita					
Cls.	11	2448.2	0.0	-125.4	18.0
Cls.Med	11	2448.2	0.0	-125.4	0.0
Ft.	12	2449.8	0.0	-125.5	443.3
Fc.	11	2448.2	0.0	-125.4	278.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
95 154	5	-662.0	1.50	-993.0	3757.9	-530.9	78139.7	19029.2	5836.9

- Setto : 155 508 507 154 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4494.4	0.0	384.7	0.22
Som.	2	6266.2	0.0	825.1	0.34

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2993.7	0.0	259.7	16.8
Cls.Med	11	2993.7	0.0	259.7	0.0
Ft.	11	2993.7	0.0	259.7	611.5
Fc.	11	2993.7	0.0	259.7	270.8
Sommita					
Cls.	11	2993.7	0.0	259.7	16.8
Cls.Med	11	2993.7	0.0	259.7	0.0
Ft.	11	2993.7	0.0	259.7	611.5
Fc.	11	2993.7	0.0	259.7	270.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
155 507	10	-515.8	1.50	-773.7	2547.2	292.4	78139.7	19029.2	5521.9

- Setto : 13 61 94 30 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	-660.3	0.0	647.0	0.05
Som.	10	2706.4	0.0	662.5	0.18

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-621.3	0.0	107.1	-0.5
Cls.Med	11	-621.3	0.0	107.1	-0.3
Ft.	11	-621.3	0.0	107.1	1.2
Fc.	11	-621.3	0.0	107.1	-7.7
Sommita					
Cls.	11	-621.3	0.0	107.1	-0.5
Cls.Med	11	-621.3	0.0	107.1	-0.3
Ft.	11	-621.3	0.0	107.1	1.2
Fc.	11	-621.3	0.0	107.1	-7.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
13 94	10	525.9	1.50	788.9	2706.4	662.5	78139.7	19029.2	6190.9

- Setto : 61 154 153 94 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3606.7	0.0	-4.5	0.14
Som.	2	5083.2	0.0	137.9	0.22

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2406.4	0.0	-3.7	23.5
Cls.Med	11	2402.9	0.0	-2.4	0.0
Ft.	12	2404.4	0.0	-3.0	356.3
Fc.	16	2406.4	0.0	-3.7	352.2
Sommita					
Cls.	16	2406.4	0.0	-3.7	23.5
Cls.Med	11	2402.9	0.0	-2.4	0.0
Ft.	12	2404.4	0.0	-3.0	356.3
Fc.	16	2406.4	0.0	-3.7	352.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
61 153	10	428.7	1.50	643.0	3377.9	348.1	78139.7	19029.2	5208.8

- Setto : 154 507 506 153 / Sezione 2

S.L.U.	Comb.	N	Mx	My	Sd/Sr

		[kg]	[kgm]	[kgm]	
Base	2	4769.3	0.0	-119.4	0.20
Som.	2	6541.1	0.0	-490.0	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3178.6	0.0	-80.7	27.3
Cls.Med	11	3178.6	0.0	-80.7	0.0
Ft.	11	3178.6	0.0	-80.7	521.3
Fc.	11	3178.6	0.0	-80.7	415.5
Sommita					
Cls.	11	3178.6	0.0	-80.7	27.3
Cls.Med	11	3178.6	0.0	-80.7	0.0
Ft.	11	3178.6	0.0	-80.7	521.3
Fc.	11	3178.6	0.0	-80.7	415.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
154 506	5	445.3	1.50	668.0	3225.2	-297.5	78139.7	19029.2	5170.4

- Setto : 32 96 62 14 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	-181.0	0.0	67.3	0.06
Som.	2	1456.6	0.0	46.5	0.25

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-151.2	0.0	30.5	-2.0
Cls.Med	11	-151.2	0.0	30.5	-1.0
Ft.	11	-151.2	0.0	30.5	74.7
Fc.	11	-151.2	0.0	30.5	-14.2
Sommita					
Cls.	11	-151.2	0.0	30.5	-2.0
Cls.Med	11	-151.2	0.0	30.5	-1.0
Ft.	11	-151.2	0.0	30.5	74.7

Fc.	11	-151.2	0.0	30.5	-14.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
32 62	9	51.1	1.50	76.6	939.8	66.9	26046.6	2819.1	1005.1

- Setto : 96 157 156 62 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1707.4	0.0	-249.5	0.54
Som.	2	2199.6	0.0	-264.3	0.62

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	1137.5	0.0	-166.7	-9.9
Cls.Med	11	1137.5	0.0	-166.7	0.0
Ft.	11	1137.5	0.0	-166.7	1408.8
Fc.	11	1137.5	0.0	-166.7	80.2
Sommita					
Cls.	11	1137.5	0.0	-166.7	-9.9
Cls.Med	11	1137.5	0.0	-166.7	0.0
Ft.	11	1137.5	0.0	-166.7	1408.8
Fc.	11	1137.5	0.0	-166.7	80.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
96 156	3	364.5	1.50	546.8	1502.1	-266.7	26046.6	2819.1	1540.3

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Setto : 157 510 509 156 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1862.4	0.0	-475.0	0.83
Som.	2	2453.0	0.0	-469.9	0.91

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	1243.4	0.0	-317.5	-21.1
Cls.Med	11	1243.4	0.0	-317.5	0.0
Ft.	11	1243.4	0.0	-317.5	2192.6
Fc.	11	1243.4	0.0	-317.5	52.1
Sommita					
Cls.	11	1243.4	0.0	-317.5	-21.1
Cls.Med	11	1243.4	0.0	-317.5	0.0
Ft.	11	1243.4	0.0	-317.5	2192.6
Fc.	11	1243.4	0.0	-317.5	52.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
157 509	5	-445.2	1.50	-667.8	2009.8	-389.2	26046.6	2819.1	1848.4

- Setto : 14 62 95 31 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	-216.9	0.0	-346.1	0.03
Som.	2	4336.9	0.0	-91.0	0.18

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-475.8	0.0	-46.3	-0.3
Cls.Med	11	-475.8	0.0	-46.3	-0.2
Ft.	16	-472.4	0.0	-46.5	-0.8

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Fc. Sommita	11	-475.8	0.0	-46.3	-4.4
Cls.	11	-475.8	0.0	-46.3	-0.3
Cls.Med	11	-475.8	0.0	-46.3	-0.2
Ft.	16	-472.4	0.0	-46.5	-0.8
Fc.	11	-475.8	0.0	-46.3	-4.4

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
14 95	5	-279.7	1.50	-419.5	3154.5	-367.6	78139.7	19029.2	5595.3

- Setto : 62 156 155 95 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4239.9	0.0	-346.1	0.21
Som.	2	5716.5	0.0	-389.5	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2825.2	0.0	-230.6	16.5
Cls.Med	11	2825.2	0.0	-230.6	0.0
Ft.	12	2826.6	0.0	-230.8	567.9
Fc.	11	2825.2	0.0	-230.6	265.1
Sommita					
Cls.	11	2825.2	0.0	-230.6	16.5
Cls.Med	11	2825.2	0.0	-230.6	0.0
Ft.	12	2826.6	0.0	-230.8	567.9
Fc.	11	2825.2	0.0	-230.6	265.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
62 155	3	-658.4	1.50	-987.6	4424.2	-564.0	78139.7	19029.2	5810.8

- Setto : 156 509 508 155 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4057.5	0.0	-1014.6	0.28
Som.	2	5829.4	0.0	-1394.1	0.39

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2699.7	0.0	-679.4	-2.6
Cls.Med	11	2699.7	0.0	-679.4	0.0
Ft.	11	2699.7	0.0	-679.4	830.4
Fc.	11	2699.7	0.0	-679.4	7.6
Sommita					
Cls.	11	2699.7	0.0	-679.4	-2.6
Cls.Med	11	2699.7	0.0	-679.4	0.0
Ft.	11	2699.7	0.0	-679.4	830.4
Fc.	11	2699.7	0.0	-679.4	7.6

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
156 508	5	1218.0	1.50	1827.0	3328.5	-963.9	78139.7	19029.2	6500.5

- Setto : 15 63 96 32 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	-214.1	0.0	60.3	0.05
Som.	2	1420.7	0.0	55.2	0.26

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Base					
Cls.	11	-175.2	0.0	35.7	-2.3
Cls.Med	11	-175.2	0.0	35.7	-1.2
Ft.	12	-174.7	0.0	35.7	88.5
Fc.	11	-175.2	0.0	35.7	-16.5
Sommita					
Cls.	11	-175.2	0.0	35.7	-2.3
Cls.Med	11	-175.2	0.0	35.7	-1.2
Ft.	12	-174.7	0.0	35.7	88.5
Fc.	11	-175.2	0.0	35.7	-16.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
15 96	9	48.1	1.50	72.2	909.4	61.3	26046.6	2819.1	989.5

- Setto : 63 158 157 96 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	3	1855.5	0.0	-305.4	0.62
Som.	3	2185.4	0.0	-320.6	0.69

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1370.5	0.0	-176.9	-9.9
Cls.Med	11	1369.8	0.0	-176.6	0.0
Ft.	12	1370.5	0.0	-176.9	1582.5
Fc.	16	1371.4	0.0	-177.2	105.1
Sommita					
Cls.	12	1370.5	0.0	-176.9	-9.9
Cls.Med	11	1369.8	0.0	-176.6	0.0
Ft.	12	1370.5	0.0	-176.9	1582.5
Fc.	16	1371.4	0.0	-177.2	105.1

- Verifiche a Taglio

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
63 157	3	416.5	1.50	624.8	1855.5	-305.4	26046.6	2819.1	1628.8

- Setto : 158 511 510 157 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1754.9	0.0	-247.4	0.54
Som.	2	2345.5	0.0	-244.0	0.62

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1169.9	0.0	-164.9	-9.6
Cls.Med	11	1171.6	0.0	-164.0	0.0
Ft.	12	1169.9	0.0	-164.9	1417.8
Fc.	16	1167.7	0.0	-166.1	84.0
Sommita					
Cls.	12	1169.9	0.0	-164.9	-9.6
Cls.Med	11	1171.6	0.0	-164.0	0.0
Ft.	12	1169.9	0.0	-164.9	1417.8
Fc.	16	1167.7	0.0	-166.1	84.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
158 510	3	-256.6	1.50	-384.8	1853.0	-236.5	26046.6	2819.1	1441.4

- Setto : 33 97 64 16 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	-214.1	0.0	-60.3	0.05
Som.	2	1420.7	0.0	-55.2	0.26

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-175.2	0.0	-35.7	-2.3
Cls.Med	11	-175.2	0.0	-35.7	-1.2
Ft.	12	-174.7	0.0	-35.7	88.5
Fc.	11	-175.2	0.0	-35.7	-16.5
Sommita					
Cls.	11	-175.2	0.0	-35.7	-2.3
Cls.Med	11	-175.2	0.0	-35.7	-1.2
Ft.	12	-174.7	0.0	-35.7	88.5
Fc.	11	-175.2	0.0	-35.7	-16.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
33 64	10	-48.1	1.50	-72.2	909.4	-61.3	26046.6	2819.1	989.5

- Setto : 97 163 162 64 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	7	1855.5	0.0	305.4	0.62
Som.	7	2185.4	0.0	320.6	0.69

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1370.5	0.0	176.9	-9.9
Cls.Med	11	1369.8	0.0	176.6	0.0
Ft.	12	1370.5	0.0	176.9	1582.5
Fc.	16	1371.4	0.0	177.2	105.1
Sommita					
Cls.	12	1370.5	0.0	176.9	-9.9
Cls.Med	11	1369.8	0.0	176.6	0.0
Ft.	12	1370.5	0.0	176.9	1582.5
Fc.	16	1371.4	0.0	177.2	105.1

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Lavori di sistemazione Strada Provinciale "S.S. 650 Fondo Valle Trigno - Schiavi di Abruzzo" III° Lotto Funzionale

RELAZIONE DI CALCOLO PONTE

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
97 162	7	-416.5	1.50	-624.8	1855.5	305.4	26046.6	2819.1	1628.8

- Setto : 163 516 515 162 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1754.9	0.0	247.4	0.54
Som.	2	2345.5	0.0	244.0	0.62

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1169.9	0.0	164.9	-9.6
Cls.Med	11	1171.6	0.0	164.0	0.0
Ft.	12	1169.9	0.0	164.9	1417.8
Fc.	16	1167.7	0.0	166.1	84.0
Sommita					
Cls.	12	1169.9	0.0	164.9	-9.6
Cls.Med	11	1171.6	0.0	164.0	0.0
Ft.	12	1169.9	0.0	164.9	1417.8
Fc.	16	1167.7	0.0	166.1	84.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
163 515	7	256.5	1.50	384.8	1853.0	236.5	26046.6	2819.1	1441.4

- Setto : 17 65 97 33 / Sezione 1

S.L.U.	Comb.	N	Mx	My	Sd/Sr

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

		[kg]	[kgm]	[kgm]	
Base	10	-181.0	0.0	-67.3	0.06
Som.	2	1456.6	0.0	-46.5	0.25

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-151.2	0.0	-30.5	-2.0
Cls.Med	11	-151.2	0.0	-30.5	-1.0
Ft.	11	-151.2	0.0	-30.5	74.7
Fc.	11	-151.2	0.0	-30.5	-14.2
Sommita					
Cls.	11	-151.2	0.0	-30.5	-2.0
Cls.Med	11	-151.2	0.0	-30.5	-1.0
Ft.	11	-151.2	0.0	-30.5	74.7
Fc.	11	-151.2	0.0	-30.5	-14.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
17 97	10	-51.1	1.50	-76.6	939.8	-66.9	26046.6	2819.1	1005.1

- Setto : 65 164 163 97 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1707.4	0.0	249.5	0.54
Som.	2	2199.6	0.0	264.3	0.62

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	1137.5	0.0	166.7	-9.9
Cls.Med	11	1137.5	0.0	166.7	0.0
Ft.	11	1137.5	0.0	166.7	1408.8
Fc.	11	1137.5	0.0	166.7	80.2
Sommita					
Cls.	11	1137.5	0.0	166.7	-9.9
Cls.Med	11	1137.5	0.0	166.7	0.0
Ft.	11	1137.5	0.0	166.7	1408.8

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Fc.	11	1137.5	0.0	166.7	80.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
65 163	7	-364.5	1.50	-546.8	1502.1	266.7	26046.6	2819.1	1540.3

- Setto : 164 517 516 163 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	1862.4	0.0	475.0	0.83
Som.	2	2453.0	0.0	469.9	0.91

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	1243.4	0.0	317.5	-21.1
Cls.Med	11	1243.4	0.0	317.5	0.0
Ft.	11	1243.4	0.0	317.5	2192.6
Fc.	11	1243.4	0.0	317.5	52.1
Sommita					
Cls.	11	1243.4	0.0	317.5	-21.1
Cls.Med	11	1243.4	0.0	317.5	0.0
Ft.	11	1243.4	0.0	317.5	2192.6
Fc.	11	1243.4	0.0	317.5	52.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
164 516	6	445.2	1.50	667.8	2009.8	389.2	26046.6	2819.1	1848.4

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Setto : 34 98 65 17 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	-216.9	0.0	346.1	0.03
Som.	2	4336.9	0.0	91.0	0.18

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-475.8	0.0	46.3	-0.3
Cls.Med	11	-475.8	0.0	46.3	-0.2
Ft.	16	-472.4	0.0	46.5	-0.8
Fc.	11	-475.8	0.0	46.3	-4.4
Sommita					
Cls.	11	-475.8	0.0	46.3	-0.3
Cls.Med	11	-475.8	0.0	46.3	-0.2
Ft.	16	-472.4	0.0	46.5	-0.8
Fc.	11	-475.8	0.0	46.3	-4.4

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
34 65	6	279.7	1.50	419.5	3154.5	367.6	78139.7	19029.2	5595.3

- Setto : 98 165 164 65 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4239.9	0.0	346.1	0.21
Som.	2	5716.5	0.0	389.5	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2825.2	0.0	230.6	16.5
Cls.Med	11	2825.2	0.0	230.6	0.0
Ft.	12	2826.6	0.0	230.8	567.9
Fc.	11	2825.2	0.0	230.6	265.1
Sommita					
Cls.	11	2825.2	0.0	230.6	16.5
Cls.Med	11	2825.2	0.0	230.6	0.0
Ft.	12	2826.6	0.0	230.8	567.9
Fc.	11	2825.2	0.0	230.6	265.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
98 164	7	658.4	1.50	987.6	4424.2	564.0	78139.7	19029.2	5810.8

- Setto : 165 518 517 164 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4057.5	0.0	1014.6	0.28
Som.	2	5829.4	0.0	1394.1	0.39

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2699.7	0.0	679.4	-2.6
Cls.Med	11	2699.7	0.0	679.4	0.0
Ft.	11	2699.7	0.0	679.4	830.4
Fc.	11	2699.7	0.0	679.4	7.6
Sommita					
Cls.	11	2699.7	0.0	679.4	-2.6
Cls.Med	11	2699.7	0.0	679.4	0.0
Ft.	11	2699.7	0.0	679.4	830.4
Fc.	11	2699.7	0.0	679.4	7.6

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
165 517	6	-1218.0	1.50	-1827.0	3328.5	963.9	78139.7	19029.2	6500.5

- Setto : 18 66 98 34 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	-362.3	0.0	448.2	0.04
Som.	6	3002.8	0.0	469.4	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-537.1	0.0	-16.1	-0.2
Cls.Med	11	-537.1	0.0	-16.1	-0.2
Ft.	11	-537.1	0.0	-16.1	-2.3
Fc.	11	-537.1	0.0	-16.1	-3.6
Sommita					
Cls.	11	-537.1	0.0	-16.1	-0.2
Cls.Med	11	-537.1	0.0	-16.1	-0.2
Ft.	11	-537.1	0.0	-16.1	-2.3
Fc.	11	-537.1	0.0	-16.1	-3.6

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
18 98	9	-387.2	1.50	-580.7	2660.8	-488.0	78139.7	19029.2	5926.5

- Setto : 66 166 165 98 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3674.7	0.0	188.2	0.17
Som.	2	5151.2	0.0	331.1	0.24

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Base					
Cls.	11	2448.2	0.0	125.4	18.0
Cls.Med	11	2448.2	0.0	125.4	0.0
Ft.	12	2449.8	0.0	125.5	443.3
Fc.	11	2448.2	0.0	125.4	278.5
Sommita					
Cls.	11	2448.2	0.0	125.4	18.0
Cls.Med	11	2448.2	0.0	125.4	0.0
Ft.	12	2449.8	0.0	125.5	443.3
Fc.	11	2448.2	0.0	125.4	278.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
66 165	6	662.0	1.50	993.0	3757.9	530.9	78139.7	19029.2	5836.9

- Setto : 166 519 518 165 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4494.4	0.0	-384.7	0.22
Som.	2	6266.2	0.0	-825.1	0.34

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2993.7	0.0	-259.7	16.8
Cls.Med	11	2993.7	0.0	-259.7	0.0
Ft.	11	2993.7	0.0	-259.7	611.5
Fc.	11	2993.7	0.0	-259.7	270.8
Sommita					
Cls.	11	2993.7	0.0	-259.7	16.8
Cls.Med	11	2993.7	0.0	-259.7	0.0
Ft.	11	2993.7	0.0	-259.7	611.5
Fc.	11	2993.7	0.0	-259.7	270.8

- Verifiche a Taglio

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
166 518	9	515.8	1.50	773.7	2547.2	-292.4	78139.7	19029.2	5521.9

- Setto : 35 99 66 18 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	-660.3	0.0	-647.0	0.05
Som.	9	2706.4	0.0	-662.5	0.18

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-621.3	0.0	-107.1	-0.5
Cls.Med	11	-621.3	0.0	-107.1	-0.3
Ft.	11	-621.3	0.0	-107.1	1.2
Fc.	11	-621.3	0.0	-107.1	-7.7
Sommita					
Cls.	11	-621.3	0.0	-107.1	-0.5
Cls.Med	11	-621.3	0.0	-107.1	-0.3
Ft.	11	-621.3	0.0	-107.1	1.2
Fc.	11	-621.3	0.0	-107.1	-7.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
35 66	9	-525.9	1.50	-788.9	2706.4	-662.5	78139.7	19029.2	6190.9

- Setto : 99 167 166 66 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3606.7	0.0	4.5	0.14
Som.	2	5083.2	0.0	-137.9	0.22

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2406.4	0.0	3.7	23.5
Cls.Med	11	2402.9	0.0	2.4	0.0
Ft.	12	2404.4	0.0	3.0	356.3
Fc.	16	2406.4	0.0	3.7	352.2
Sommita					
Cls.	16	2406.4	0.0	3.7	23.5
Cls.Med	11	2402.9	0.0	2.4	0.0
Ft.	12	2404.4	0.0	3.0	356.3
Fc.	16	2406.4	0.0	3.7	352.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
99 166	9	-428.7	1.50	-643.0	3377.9	-348.1	78139.7	19029.2	5208.8

- Setto : 167 520 519 166 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4769.3	0.0	119.4	0.20
Som.	2	6541.1	0.0	490.0	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3178.6	0.0	80.7	27.3
Cls.Med	11	3178.6	0.0	80.7	0.0
Ft.	11	3178.6	0.0	80.7	521.3
Fc.	11	3178.6	0.0	80.7	415.5
Sommita					
Cls.	11	3178.6	0.0	80.7	27.3
Cls.Med	11	3178.6	0.0	80.7	0.0
Ft.	11	3178.6	0.0	80.7	521.3
Fc.	11	3178.6	0.0	80.7	415.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
167 519	6	-445.3	1.50	-668.0	3225.2	297.5	78139.7	19029.2	5170.4

- Setto : 19 67 99 35 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	-396.1	0.0	-812.8	0.08
Som.	2	4161.9	0.0	-477.0	0.22

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-592.0	0.0	-297.5	-2.0
Cls.Med	11	-592.0	0.0	-297.5	-1.0
Ft.	11	-592.0	0.0	-297.5	69.4
Fc.	11	-592.0	0.0	-297.5	-24.5
Sommita					
Cls.	11	-592.0	0.0	-297.5	-2.0
Cls.Med	11	-592.0	0.0	-297.5	-1.0
Ft.	11	-592.0	0.0	-297.5	69.4
Fc.	11	-592.0	0.0	-297.5	-24.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
19 99	10	-717.1	1.50	-1075.7	2961.7	-810.1	78139.7	19029.2	6354.5

- Setto : 67 168 167 99 / Sezione 2

S.L.U.	Comb.	N	Mx	My	Sd/Sr

		[kg]	[kgm]	[kgm]	
Base	2	3763.9	0.0	-68.8	0.16
Som.	2	5240.5	0.0	41.4	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2508.4	0.0	-45.9	22.4
Cls.Med	11	2508.4	0.0	-45.9	0.0
Ft.	12	2509.3	0.0	-45.8	399.9
Fc.	11	2508.4	0.0	-45.9	339.5
Sommita					
Cls.	11	2508.4	0.0	-45.9	22.4
Cls.Med	11	2508.4	0.0	-45.9	0.0
Ft.	12	2509.3	0.0	-45.8	399.9
Fc.	11	2508.4	0.0	-45.9	339.5

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
67 167	9	-351.6	1.50	-527.5	3684.1	-245.9	78139.7	19029.2	5170.4

- Setto : 168 521 520 167 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4976.9	0.0	-440.6	0.25
Som.	2	6748.8	0.0	-859.3	0.37

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3317.3	0.0	-295.5	18.2
Cls.Med	11	3317.3	0.0	-295.5	0.0
Ft.	11	3317.3	0.0	-295.5	682.7
Fc.	11	3317.3	0.0	-295.5	295.0
Sommita					
Cls.	11	3317.3	0.0	-295.5	18.2
Cls.Med	11	3317.3	0.0	-295.5	0.0
Ft.	11	3317.3	0.0	-295.5	682.7

Fc.	11	3317.3	0.0	-295.5	295.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
168 520	9	572.4	1.50	858.6	3706.7	-390.4	78139.7	19029.2	5385.7

- Setto : 36 100 67 19 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	35.3	0.0	-729.4	0.08
Som.	2	4493.8	0.0	-517.2	0.24

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-370.5	0.0	-312.2	-2.2
Cls.Med	11	-370.5	0.0	-312.2	-1.1
Ft.	11	-370.5	0.0	-312.2	109.6
Fc.	11	-370.5	0.0	-312.2	-25.9
Sommita					
Cls.	11	-370.5	0.0	-312.2	-2.2
Cls.Med	11	-370.5	0.0	-312.2	-1.1
Ft.	11	-370.5	0.0	-312.2	109.6
Fc.	11	-370.5	0.0	-312.2	-25.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
36 67	10	-581.9	1.50	-872.9	3407.3	-805.1	78139.7	19029.2	6289.0

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Setto : 100 169 168 67 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3933.6	0.0	-249.6	0.18
Som.	2	5410.1	0.0	-404.8	0.26

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2621.9	0.0	-167.0	17.6
Cls.Med	11	2621.9	0.0	-167.0	0.0
Ft.	11	2621.9	0.0	-167.0	495.9
Fc.	11	2621.9	0.0	-167.0	276.9
Sommita					
Cls.	11	2621.9	0.0	-167.0	17.6
Cls.Med	11	2621.9	0.0	-167.0	0.0
Ft.	11	2621.9	0.0	-167.0	495.9
Fc.	11	2621.9	0.0	-167.0	276.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
100 168	9	535.1	1.50	802.6	3000.6	-359.2	78139.7	19029.2	5605.0

- Setto : 169 522 521 168 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	5000.4	0.0	-151.4	0.21
Som.	2	6772.3	0.0	261.0	0.30

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	3334.2	0.0	-102.3	27.8
Cls.Med	11	3333.2	0.0	-99.9	0.0
Ft.	12	3333.6	0.0	-100.9	557.5

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Fc. Sommita	16	3334.2	0.0	-102.3	424.3
Cls.	16	3334.2	0.0	-102.3	27.8
Cls.Med	11	3333.2	0.0	-99.9	0.0
Ft.	12	3333.6	0.0	-100.9	557.5
Fc.	16	3334.2	0.0	-102.3	424.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
169 521	6	444.2	1.50	666.3	3887.2	282.2	78139.7	19029.2	5170.4

- Setto : 20 68 100 36 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	932.5	0.0	-1315.5	0.19
Som.	2	5295.4	0.0	-1268.7	0.35

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	164.4	0.0	-751.2	-5.6
Cls.Med	11	164.4	0.0	-751.2	0.0
Ft.	11	164.4	0.0	-751.2	434.6
Fc.	11	164.4	0.0	-751.2	-55.9
Sommita					
Cls.	11	164.4	0.0	-751.2	-5.6
Cls.Med	11	164.4	0.0	-751.2	0.0
Ft.	11	164.4	0.0	-751.2	434.6
Fc.	11	164.4	0.0	-751.2	-55.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
20 100	10	-1106.2	1.50	-1659.2	4269.4	-1479.8	78139.7	19029.2	6987.6

- Setto : 68 170 169 100 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3877.8	0.0	-370.4	0.20
Som.	2	5354.4	0.0	-190.7	0.23

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2585.5	0.0	-247.0	13.4
Cls.Med	11	2585.0	0.0	-246.8	0.0
Ft.	12	2585.2	0.0	-246.9	542.9
Fc.	16	2585.5	0.0	-247.0	219.0
Sommita					
Cls.	16	2585.5	0.0	-247.0	13.4
Cls.Med	11	2585.0	0.0	-246.8	0.0
Ft.	12	2585.2	0.0	-246.9	542.9
Fc.	16	2585.5	0.0	-247.0	219.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
68 169	4	-584.0	1.50	-876.0	3607.5	-368.4	78139.7	19029.2	5170.4

- Setto : 170 523 522 169 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4911.6	0.0	-674.0	0.27
Som.	2	6683.4	0.0	-1065.1	0.39

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Base					
Cls.	11	3274.0	0.0	-450.9	10.2
Cls.Med	11	3274.0	0.0	-450.9	0.0
Ft.	11	3274.0	0.0	-450.9	778.3
Fc.	11	3274.0	0.0	-450.9	186.7
Sommita					
Cls.	11	3274.0	0.0	-450.9	10.2
Cls.Med	11	3274.0	0.0	-450.9	0.0
Ft.	11	3274.0	0.0	-450.9	778.3
Fc.	11	3274.0	0.0	-450.9	186.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
170 522	9	922.6	1.50	1383.9	3847.0	-532.3	78139.7	19029.2	5827.5

- Setto : 73 106 105 37 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	7	-156.0	0.0	-146.0	0.01
Som.	2	3385.3	0.0	-310.9	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-453.8	0.0	-123.6	-0.7
Cls.Med	11	-453.8	0.0	-123.6	-0.3
Ft.	11	-453.8	0.0	-123.6	8.2
Fc.	11	-453.8	0.0	-123.6	-8.9
Sommita					
Cls.	11	-453.8	0.0	-123.6	-0.7
Cls.Med	11	-453.8	0.0	-123.6	-0.3
Ft.	11	-453.8	0.0	-123.6	8.2
Fc.	11	-453.8	0.0	-123.6	-8.9

- Verifiche a Taglio

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
73 105	7	-240.4	1.50	-360.6	2559.9	-228.2	78139.7	19029.2	5170.4

- Setto : 106 181 180 105 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3692.6	0.0	819.1	0.24
Som.	2	5464.4	0.0	1411.4	0.38

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2462.5	0.0	550.9	-1.3
Cls.Med	11	2462.5	0.0	550.9	0.0
Ft.	11	2462.5	0.0	550.9	719.9
Fc.	11	2462.5	0.0	550.9	19.3
Sommita					
Cls.	11	2462.5	0.0	550.9	-1.3
Cls.Med	11	2462.5	0.0	550.9	0.0
Ft.	11	2462.5	0.0	550.9	719.9
Fc.	11	2462.5	0.0	550.9	19.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
106 180	10	-1101.4	1.50	-1652.0	2739.5	732.8	78139.7	19029.2	6283.7

- Setto : 74 108 107 38 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	-78.9	0.0	-106.9	0.01
Som.	2	3630.9	0.0	-113.3	0.16

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-290.0	0.0	-14.5	-0.1
Cls.Med	11	-290.0	0.0	-14.5	-0.1
Ft.	16	-287.2	0.0	-14.4	-1.0
Fc.	11	-290.0	0.0	-14.5	-2.2
Sommita					
Cls.	11	-290.0	0.0	-14.5	-0.1
Cls.Med	11	-290.0	0.0	-14.5	-0.1
Ft.	16	-287.2	0.0	-14.4	-1.0
Fc.	11	-290.0	0.0	-14.5	-2.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
74 107	5	-200.5	1.50	-300.7	2531.8	-175.9	78139.7	19029.2	5170.4

- Setto : 108 183 182 107 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3765.8	0.0	286.5	0.18
Som.	2	5537.7	0.0	610.7	0.29

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2509.4	0.0	192.2	15.3
Cls.Med	11	2509.4	0.0	192.2	0.0
Ft.	11	2509.4	0.0	192.2	495.9
Fc.	11	2509.4	0.0	192.2	243.7
Sommita					
Cls.	11	2509.4	0.0	192.2	15.3
Cls.Med	11	2509.4	0.0	192.2	0.0
Ft.	11	2509.4	0.0	192.2	495.9
Fc.	11	2509.4	0.0	192.2	243.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
108 182	10	-412.3	1.50	-618.5	2563.1	278.8	78139.7	19029.2	5470.8

- Setto : 38 107 106 73 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	-186.9	0.0	144.9	0.01
Som.	2	3740.4	0.0	145.0	0.16

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-215.7	0.0	38.7	-0.2
Cls.Med	11	-215.7	0.0	38.7	-0.1
Ft.	11	-215.7	0.0	38.7	0.5
Fc.	11	-215.7	0.0	38.7	-2.8
Sommita					
Cls.	11	-215.7	0.0	38.7	-0.2
Cls.Med	11	-215.7	0.0	38.7	-0.1
Ft.	11	-215.7	0.0	38.7	0.5
Fc.	11	-215.7	0.0	38.7	-2.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
38 106	10	249.1	1.50	373.7	2524.9	227.9	78139.7	19029.2	5170.4

- Setto : 107 182 181 106 / Sezione 2

S.L.U.	Comb.	N	Mx	My	Sd/Sr

		[kg]	[kgm]	[kgm]	
Base	2	3394.8	0.0	-598.8	0.20
Som.	2	5166.6	0.0	-1009.3	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2260.3	0.0	-404.1	2.5
Cls.Med	11	2260.3	0.0	-404.1	0.0
Ft.	11	2260.3	0.0	-404.1	598.1
Fc.	11	2260.3	0.0	-404.1	68.0
Sommita					
Cls.	11	2260.3	0.0	-404.1	2.5
Cls.Med	11	2260.3	0.0	-404.1	0.0
Ft.	11	2260.3	0.0	-404.1	598.1
Fc.	11	2260.3	0.0	-404.1	68.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
107 181	10	792.8	1.50	1189.2	2106.0	-452.4	78139.7	19029.2	5968.6

- Setto : 75 110 109 39 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	7	-29.1	0.0	73.5	0.01
Som.	2	3753.4	0.0	-15.3	0.15

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	-207.1	0.0	67.3	-0.4
Cls.Med	12	-207.1	0.0	67.3	-0.2
Ft.	12	-207.1	0.0	67.3	7.3
Fc.	12	-207.1	0.0	67.3	-5.1
Sommita					
Cls.	12	-207.1	0.0	67.3	-0.4
Cls.Med	12	-207.1	0.0	67.3	-0.2
Ft.	12	-207.1	0.0	67.3	7.3

Fc.	12	-207.1	0.0	67.3	-5.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
75 109	10	126.2	1.50	189.2	2305.9	65.3	78139.7	19029.2	5170.4

- Setto : 110 185 184 109 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4069.4	0.0	418.2	0.21
Som.	2	5841.3	0.0	755.3	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2712.1	0.0	279.9	13.0
Cls.Med	11	2712.1	0.0	279.9	0.0
Ft.	11	2712.1	0.0	279.9	583.3
Fc.	11	2712.1	0.0	279.9	216.1
Sommita					
Cls.	11	2712.1	0.0	279.9	13.0
Cls.Med	11	2712.1	0.0	279.9	0.0
Ft.	11	2712.1	0.0	279.9	583.3
Fc.	11	2712.1	0.0	279.9	216.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
110 184	9	-556.4	1.50	-834.6	2242.0	301.3	78139.7	19029.2	5624.2

- Setto : 39 109 108 74 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	-371.0	0.0	215.2	0.01
Som.	2	3664.5	0.0	210.0	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-267.6	0.0	81.7	-0.5
Cls.Med	11	-267.6	0.0	81.7	-0.2
Ft.	11	-267.6	0.0	81.7	7.5
Fc.	11	-267.6	0.0	81.7	-6.1
Sommita					
Cls.	11	-267.6	0.0	81.7	-0.5
Cls.Med	11	-267.6	0.0	81.7	-0.2
Ft.	11	-267.6	0.0	81.7	7.5
Fc.	11	-267.6	0.0	81.7	-6.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
39 108	10	270.3	1.50	405.4	2338.6	277.9	78139.7	19029.2	5532.6

- Setto : 109 184 183 108 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3953.3	0.0	-70.6	0.16
Som.	2	5725.2	0.0	-437.4	0.28

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2634.6	0.0	-49.1	23.5
Cls.Med	11	2634.6	0.0	-49.1	0.0
Ft.	11	2634.6	0.0	-49.1	420.4
Fc.	11	2634.6	0.0	-49.1	356.1
Sommita					
Cls.	11	2634.6	0.0	-49.1	23.5
Cls.Med	11	2634.6	0.0	-49.1	0.0
Ft.	11	2634.6	0.0	-49.1	420.4
Fc.	11	2634.6	0.0	-49.1	356.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
109 183	8	-235.6	1.50	-353.4	3957.8	-333.3	78139.7	19029.2	5170.4

- Setto : 76 112 111 40 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	621.8	0.0	472.7	0.08
Som.	2	4298.5	0.0	360.1	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	156.3	0.0	351.5	-2.6
Cls.Med	11	155.7	0.0	351.1	0.0
Ft.	12	156.3	0.0	351.5	216.7
Fc.	12	156.3	0.0	351.5	-25.3
Sommita					
Cls.	12	156.3	0.0	351.5	-2.6
Cls.Med	11	155.7	0.0	351.1	0.0
Ft.	12	156.3	0.0	351.5	216.7
Fc.	12	156.3	0.0	351.5	-25.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
76 111	5	549.5	1.50	824.3	3309.7	330.3	78139.7	19029.2	5170.4

- Setto : 112 187 186 111 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4587.3	0.0	659.8	0.26
Som.	2	6359.2	0.0	1006.8	0.37

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3058.0	0.0	441.3	8.6
Cls.Med	11	3058.0	0.0	441.3	0.0
Ft.	11	3058.0	0.0	441.3	740.1
Fc.	11	3058.0	0.0	441.3	161.1
Sommita					
Cls.	11	3058.0	0.0	441.3	8.6
Cls.Med	11	3058.0	0.0	441.3	0.0
Ft.	11	3058.0	0.0	441.3	740.1
Fc.	11	3058.0	0.0	441.3	161.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
112 186	4	-665.7	1.50	-998.5	2733.8	451.2	78139.7	19029.2	5848.4

- Setto : 40 111 110 75 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	-131.3	0.0	434.0	0.04
Som.	2	3932.8	0.0	503.0	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Base					
Cls.	11	-88.3	0.0	290.0	-2.2
Cls.Med	11	-88.3	0.0	290.0	-1.1
Ft.	11	-88.3	0.0	290.0	142.7
Fc.	11	-88.3	0.0	290.0	-22.9
Sommita					
Cls.	11	-88.3	0.0	290.0	-2.2
Cls.Med	11	-88.3	0.0	290.0	-1.1
Ft.	11	-88.3	0.0	290.0	142.7
Fc.	11	-88.3	0.0	290.0	-22.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
40 110	8	484.6	1.50	726.9	2592.2	397.7	78139.7	19029.2	5770.4

- Setto : 111 186 185 110 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4368.9	0.0	162.8	0.19
Som.	2	6140.8	0.0	-243.1	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2913.2	0.0	110.5	23.2
Cls.Med	11	2912.1	0.0	107.0	0.0
Ft.	12	2912.6	0.0	108.5	500.4
Fc.	16	2913.2	0.0	110.5	356.8
Sommita					
Cls.	16	2913.2	0.0	110.5	23.2
Cls.Med	11	2912.1	0.0	107.0	0.0
Ft.	12	2912.6	0.0	108.5	500.4
Fc.	16	2913.2	0.0	110.5	356.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
111 185	7	-66.5	1.50	-99.7	4328.9	-242.0	78139.7	19029.2	5170.4

- Setto : 41 113 112 76 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	1015.5	0.0	663.4	0.12
Som.	2	4799.8	0.0	763.0	0.28

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	489.9	0.0	477.2	-3.4
Cls.Med	11	489.9	0.0	477.2	0.0
Ft.	11	489.9	0.0	477.2	341.1
Fc.	11	489.9	0.0	477.2	-30.7
Sommita					
Cls.	11	489.9	0.0	477.2	-3.4
Cls.Med	11	489.9	0.0	477.2	0.0
Ft.	11	489.9	0.0	477.2	341.1
Fc.	11	489.9	0.0	477.2	-30.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
41 112	6	938.1	1.50	1407.2	3731.7	675.5	78139.7	19029.2	6069.4

- Setto : 113 188 187 112 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4857.6	0.0	334.9	0.23
Som.	2	6629.5	0.0	-76.6	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	3238.6	0.0	224.8	20.9
Cls.Med	11	3238.3	0.0	222.1	0.0
Ft.	12	3238.4	0.0	223.3	623.7
Fc.	16	3238.6	0.0	224.8	329.8
Sommita					
Cls.	16	3238.6	0.0	224.8	20.9
Cls.Med	11	3238.3	0.0	222.1	0.0
Ft.	12	3238.4	0.0	223.3	623.7
Fc.	16	3238.6	0.0	224.8	329.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
113 187	5	189.9	1.50	284.8	5261.9	-19.6	78139.7	19029.2	5170.4

- Setto : 85 134 133 50 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	1015.5	0.0	-663.4	0.12
Som.	2	4799.8	0.0	-763.0	0.28

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	489.8	0.0	-477.2	-3.4
Cls.Med	11	489.8	0.0	-477.2	0.0
Ft.	11	489.8	0.0	-477.2	341.1
Fc.	11	489.8	0.0	-477.2	-30.7
Sommita					
Cls.	11	489.8	0.0	-477.2	-3.4
Cls.Med	11	489.8	0.0	-477.2	0.0
Ft.	11	489.8	0.0	-477.2	341.1
Fc.	11	489.8	0.0	-477.2	-30.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
85 133	5	-938.1	1.50	-1407.2	3731.7	-675.4	78139.7	19029.2	6069.4

- Setto : 134 209 208 133 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4857.6	0.0	-334.9	0.23
Som.	2	6629.5	0.0	76.6	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	3238.6	0.0	-224.8	20.9
Cls.Med	11	3238.3	0.0	-222.1	0.0
Ft.	12	3238.4	0.0	-223.3	623.7
Fc.	16	3238.6	0.0	-224.8	329.8
Sommita					
Cls.	16	3238.6	0.0	-224.8	20.9
Cls.Med	11	3238.3	0.0	-222.1	0.0
Ft.	12	3238.4	0.0	-223.3	623.7
Fc.	16	3238.6	0.0	-224.8	329.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
134 208	6	-189.9	1.50	-284.8	5261.9	19.6	78139.7	19029.2	5170.4

- Setto : 86 136 135 51 / Sezione 1

S.L.U.	Comb.	N	Mx	My	Sd/Sr

		[kg]	[kgm]	[kgm]	
Base	2	-131.3	0.0	-434.0	0.04
Som.	2	3932.8	0.0	-503.0	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-88.3	0.0	-290.0	-2.2
Cls.Med	11	-88.3	0.0	-290.0	-1.1
Ft.	11	-88.3	0.0	-290.0	142.7
Fc.	11	-88.3	0.0	-290.0	-22.9
Sommita					
Cls.	11	-88.3	0.0	-290.0	-2.2
Cls.Med	11	-88.3	0.0	-290.0	-1.1
Ft.	11	-88.3	0.0	-290.0	142.7
Fc.	11	-88.3	0.0	-290.0	-22.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
86 135	4	-484.6	1.50	-726.9	2592.2	-397.7	78139.7	19029.2	5770.4

- Setto : 136 211 210 135 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4368.9	0.0	-162.8	0.19
Som.	2	6140.8	0.0	243.1	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2913.2	0.0	-110.5	23.2
Cls.Med	11	2912.1	0.0	-107.0	0.0
Ft.	12	2912.6	0.0	-108.5	500.4
Fc.	16	2913.2	0.0	-110.5	356.8
Sommita					
Cls.	16	2913.2	0.0	-110.5	23.2
Cls.Med	11	2912.1	0.0	-107.0	0.0
Ft.	12	2912.6	0.0	-108.5	500.4

Fc.	16	2913.2	0.0	-110.5	356.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
136 210	3	66.5	1.50	99.7	4328.9	242.0	78139.7	19029.2	5170.4

- Setto : 51 135 134 85 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	621.8	0.0	-472.7	0.08
Som.	2	4298.5	0.0	-360.1	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	156.3	0.0	-351.5	-2.6
Cls.Med	11	155.7	0.0	-351.1	0.0
Ft.	12	156.3	0.0	-351.5	216.7
Fc.	12	156.3	0.0	-351.5	-25.3
Sommita					
Cls.	12	156.3	0.0	-351.5	-2.6
Cls.Med	11	155.7	0.0	-351.1	0.0
Ft.	12	156.3	0.0	-351.5	216.7
Fc.	12	156.3	0.0	-351.5	-25.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
51 134	6	-549.5	1.50	-824.3	3309.7	-330.3	78139.7	19029.2	5170.4

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Setto : 135 210 209 134 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4587.3	0.0	-659.8	0.26
Som.	2	6359.2	0.0	-1006.8	0.37

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3058.0	0.0	-441.3	8.6
Cls.Med	11	3058.0	0.0	-441.3	0.0
Ft.	11	3058.0	0.0	-441.3	740.1
Fc.	11	3058.0	0.0	-441.3	161.1
Sommita					
Cls.	11	3058.0	0.0	-441.3	8.6
Cls.Med	11	3058.0	0.0	-441.3	0.0
Ft.	11	3058.0	0.0	-441.3	740.1
Fc.	11	3058.0	0.0	-441.3	161.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
135 209	8	665.7	1.50	998.5	2733.8	-451.2	78139.7	19029.2	5848.4

- Setto : 87 138 137 52 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	-371.0	0.0	-215.2	0.01
Som.	2	3664.5	0.0	-210.0	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-267.6	0.0	-81.7	-0.5
Cls.Med	11	-267.6	0.0	-81.7	-0.2
Ft.	11	-267.6	0.0	-81.7	7.5

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Fc. Sommita	11	-267.6	0.0	-81.7	-6.1
Cls.	11	-267.6	0.0	-81.7	-0.5
Cls.Med	11	-267.6	0.0	-81.7	-0.2
Ft.	11	-267.6	0.0	-81.7	7.5
Fc.	11	-267.6	0.0	-81.7	-6.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
87 137	9	-270.3	1.50	-405.4	2338.6	-277.9	78139.7	19029.2	5532.6

- Setto : 138 213 212 137 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3953.3	0.0	70.6	0.16
Som.	2	5725.2	0.0	437.3	0.28

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2634.6	0.0	49.1	23.5
Cls.Med	11	2634.6	0.0	49.1	0.0
Ft.	11	2634.6	0.0	49.1	420.4
Fc.	11	2634.6	0.0	49.1	356.1
Sommita					
Cls.	11	2634.6	0.0	49.1	23.5
Cls.Med	11	2634.6	0.0	49.1	0.0
Ft.	11	2634.6	0.0	49.1	420.4
Fc.	11	2634.6	0.0	49.1	356.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
138 212	4	235.6	1.50	353.4	3957.8	333.3	78139.7	19029.2	5170.4

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Setto : 52 137 136 86 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	3	-29.1	0.0	-73.5	0.01
Som.	2	3753.4	0.0	15.3	0.15

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	-207.1	0.0	-67.3	-0.4
Cls.Med	12	-207.1	0.0	-67.3	-0.2
Ft.	12	-207.1	0.0	-67.3	7.3
Fc.	12	-207.1	0.0	-67.3	-5.1
Sommita					
Cls.	12	-207.1	0.0	-67.3	-0.4
Cls.Med	12	-207.1	0.0	-67.3	-0.2
Ft.	12	-207.1	0.0	-67.3	7.3
Fc.	12	-207.1	0.0	-67.3	-5.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
52 136	9	-126.2	1.50	-189.2	2305.9	-65.3	78139.7	19029.2	5170.4

- Setto : 137 212 211 136 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4069.4	0.0	-418.2	0.21
Som.	2	5841.3	0.0	-755.3	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Base					
Cls.	11	2712.1	0.0	-279.9	13.0
Cls.Med	11	2712.1	0.0	-279.9	0.0
Ft.	11	2712.1	0.0	-279.9	583.3
Fc.	11	2712.1	0.0	-279.9	216.1
Sommita					
Cls.	11	2712.1	0.0	-279.9	13.0
Cls.Med	11	2712.1	0.0	-279.9	0.0
Ft.	11	2712.1	0.0	-279.9	583.3
Fc.	11	2712.1	0.0	-279.9	216.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
137 211	10	556.4	1.50	834.6	2242.0	-301.3	78139.7	19029.2	5624.2

- Setto : 88 140 139 53 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	-186.9	0.0	-144.9	0.01
Som.	2	3740.4	0.0	-145.0	0.16

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-215.8	0.0	-38.7	-0.2
Cls.Med	11	-215.8	0.0	-38.7	-0.1
Ft.	11	-215.8	0.0	-38.7	0.5
Fc.	11	-215.8	0.0	-38.7	-2.8
Sommita					
Cls.	11	-215.8	0.0	-38.7	-0.2
Cls.Med	11	-215.8	0.0	-38.7	-0.1
Ft.	11	-215.8	0.0	-38.7	0.5
Fc.	11	-215.8	0.0	-38.7	-2.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
88 139	9	-249.1	1.50	-373.7	2524.9	-227.9	78139.7	19029.2	5170.4

- Setto : 140 215 214 139 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3394.8	0.0	598.8	0.20
Som.	2	5166.6	0.0	1009.3	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2260.3	0.0	404.1	2.5
Cls.Med	11	2260.3	0.0	404.1	0.0
Ft.	11	2260.3	0.0	404.1	598.1
Fc.	11	2260.3	0.0	404.1	68.0
Sommita					
Cls.	11	2260.3	0.0	404.1	2.5
Cls.Med	11	2260.3	0.0	404.1	0.0
Ft.	11	2260.3	0.0	404.1	598.1
Fc.	11	2260.3	0.0	404.1	68.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
140 214	9	-792.8	1.50	-1189.2	2106.0	452.4	78139.7	19029.2	5968.6

- Setto : 53 139 138 87 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	-78.9	0.0	106.9	0.01
Som.	2	3630.9	0.0	113.3	0.16

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-290.0	0.0	14.5	-0.1
Cls.Med	11	-290.0	0.0	14.5	-0.1
Ft.	16	-287.2	0.0	14.4	-1.0
Fc.	11	-290.0	0.0	14.5	-2.2
Sommita					
Cls.	11	-290.0	0.0	14.5	-0.1
Cls.Med	11	-290.0	0.0	14.5	-0.1
Ft.	16	-287.2	0.0	14.4	-1.0
Fc.	11	-290.0	0.0	14.5	-2.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
53 138	6	200.5	1.50	300.7	2531.8	175.9	78139.7	19029.2	5170.4

- Setto : 139 214 213 138 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3765.8	0.0	-286.5	0.18
Som.	2	5537.7	0.0	-610.7	0.29

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2509.4	0.0	-192.2	15.3
Cls.Med	11	2509.4	0.0	-192.2	0.0
Ft.	11	2509.4	0.0	-192.2	495.9
Fc.	11	2509.4	0.0	-192.2	243.7
Sommita					
Cls.	11	2509.4	0.0	-192.2	15.3
Cls.Med	11	2509.4	0.0	-192.2	0.0
Ft.	11	2509.4	0.0	-192.2	495.9
Fc.	11	2509.4	0.0	-192.2	243.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
139 213	9	412.3	1.50	618.5	2563.1	-278.8	78139.7	19029.2	5470.8

- Setto : 54 141 140 88 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	3	-156.0	0.0	146.0	0.01
Som.	2	3385.3	0.0	310.8	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-453.8	0.0	123.6	-0.7
Cls.Med	11	-453.8	0.0	123.6	-0.3
Ft.	11	-453.8	0.0	123.6	8.2
Fc.	11	-453.8	0.0	123.6	-8.9
Sommita					
Cls.	11	-453.8	0.0	123.6	-0.7
Cls.Med	11	-453.8	0.0	123.6	-0.3
Ft.	11	-453.8	0.0	123.6	8.2
Fc.	11	-453.8	0.0	123.6	-8.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
54 140	3	240.4	1.50	360.6	2559.9	228.2	78139.7	19029.2	5170.4

- Setto : 141 216 215 140 / Sezione 2

S.L.U.	Comb.	N	Mx	My	Sd/Sr

		[kg]	[kgm]	[kgm]	
Base	2	3692.6	0.0	-819.1	0.24
Som.	2	5464.4	0.0	-1411.4	0.38

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2462.5	0.0	-550.9	-1.3
Cls.Med	11	2462.5	0.0	-550.9	0.0
Ft.	11	2462.5	0.0	-550.9	719.9
Fc.	11	2462.5	0.0	-550.9	19.3
Sommita					
Cls.	11	2462.5	0.0	-550.9	-1.3
Cls.Med	11	2462.5	0.0	-550.9	0.0
Ft.	11	2462.5	0.0	-550.9	719.9
Fc.	11	2462.5	0.0	-550.9	19.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
141 215	9	1101.4	1.50	1652.0	2739.5	-732.8	78139.7	19029.2	6283.7

- Setto : 89 143 142 55 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	8	-156.0	0.0	-146.0	0.01
Som.	2	3385.3	0.0	-310.9	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-453.8	0.0	-123.6	-0.7
Cls.Med	11	-453.8	0.0	-123.6	-0.3
Ft.	11	-453.8	0.0	-123.6	8.2
Fc.	11	-453.8	0.0	-123.6	-8.9
Sommita					
Cls.	11	-453.8	0.0	-123.6	-0.7
Cls.Med	11	-453.8	0.0	-123.6	-0.3
Ft.	11	-453.8	0.0	-123.6	8.2

Fc.	11	-453.8	0.0	-123.6	-8.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
89 142	8	-240.4	1.50	-360.6	2559.9	-228.2	78139.7	19029.2	5170.4

- Setto : 143 496 495 142 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3692.6	0.0	819.1	0.24
Som.	2	5464.4	0.0	1411.4	0.38

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2462.5	0.0	550.9	-1.3
Cls.Med	11	2462.5	0.0	550.9	0.0
Ft.	11	2462.5	0.0	550.9	719.9
Fc.	11	2462.5	0.0	550.9	19.3
Sommita					
Cls.	11	2462.5	0.0	550.9	-1.3
Cls.Med	11	2462.5	0.0	550.9	0.0
Ft.	11	2462.5	0.0	550.9	719.9
Fc.	11	2462.5	0.0	550.9	19.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
143 495	6	-1101.4	1.50	-1652.0	2739.5	732.8	78139.7	19029.2	6283.7

- Setto : 56 144 143 89 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	-186.9	0.0	144.9	0.01
Som.	2	3740.4	0.0	145.0	0.16

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-215.7	0.0	38.7	-0.2
Cls.Med	11	-215.7	0.0	38.7	-0.1
Ft.	11	-215.7	0.0	38.7	0.5
Fc.	11	-215.7	0.0	38.7	-2.8
Sommita					
Cls.	11	-215.7	0.0	38.7	-0.2
Cls.Med	11	-215.7	0.0	38.7	-0.1
Ft.	11	-215.7	0.0	38.7	0.5
Fc.	11	-215.7	0.0	38.7	-2.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
56 143	6	249.1	1.50	373.7	2524.9	227.9	78139.7	19029.2	5170.4

- Setto : 144 497 496 143 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3394.8	0.0	-598.8	0.20
Som.	2	5166.6	0.0	-1009.3	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2260.3	0.0	-404.1	2.5
Cls.Med	11	2260.3	0.0	-404.1	0.0
Ft.	11	2260.3	0.0	-404.1	598.1

Fc.	11	2260.3	0.0	-404.1	68.0
Sommita					
Cls.	11	2260.3	0.0	-404.1	2.5
Cls.Med	11	2260.3	0.0	-404.1	0.0
Ft.	11	2260.3	0.0	-404.1	598.1
Fc.	11	2260.3	0.0	-404.1	68.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
144 496	6	792.8	1.50	1189.2	2106.0	-452.4	78139.7	19029.2	5968.6

- Setto : 90 145 144 56 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	-78.9	0.0	-106.9	0.01
Som.	2	3630.9	0.0	-113.3	0.16

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-290.0	0.0	-14.5	-0.1
Cls.Med	11	-290.0	0.0	-14.5	-0.1
Ft.	16	-287.2	0.0	-14.4	-1.0
Fc.	11	-290.0	0.0	-14.5	-2.2
Sommita					
Cls.	11	-290.0	0.0	-14.5	-0.1
Cls.Med	11	-290.0	0.0	-14.5	-0.1
Ft.	16	-287.2	0.0	-14.4	-1.0
Fc.	11	-290.0	0.0	-14.5	-2.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
90 144	9	-200.5	1.50	-300.7	2531.8	-175.9	78139.7	19029.2	5170.4

- Setto : 145 498 497 144 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3765.8	0.0	286.5	0.18
Som.	2	5537.7	0.0	610.7	0.29

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2509.4	0.0	192.2	15.3
Cls.Med	11	2509.4	0.0	192.2	0.0
Ft.	11	2509.4	0.0	192.2	495.9
Fc.	11	2509.4	0.0	192.2	243.7
Sommita					
Cls.	11	2509.4	0.0	192.2	15.3
Cls.Med	11	2509.4	0.0	192.2	0.0
Ft.	11	2509.4	0.0	192.2	495.9
Fc.	11	2509.4	0.0	192.2	243.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
145 497	6	-412.3	1.50	-618.5	2563.1	278.8	78139.7	19029.2	5470.8

- Setto : 57 146 145 90 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	6	-371.0	0.0	215.2	0.01
Som.	2	3664.5	0.0	210.0	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Base					
Cls.	11	-267.6	0.0	81.7	-0.5
Cls.Med	11	-267.6	0.0	81.7	-0.2
Ft.	11	-267.6	0.0	81.7	7.5
Fc.	11	-267.6	0.0	81.7	-6.1
Sommita					
Cls.	11	-267.6	0.0	81.7	-0.5
Cls.Med	11	-267.6	0.0	81.7	-0.2
Ft.	11	-267.6	0.0	81.7	7.5
Fc.	11	-267.6	0.0	81.7	-6.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
57 145	6	270.3	1.50	405.4	2338.6	277.9	78139.7	19029.2	5532.6

- Setto : 146 499 498 145 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3953.3	0.0	-70.6	0.16
Som.	2	5725.2	0.0	-437.4	0.28

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2634.6	0.0	-49.1	23.5
Cls.Med	11	2634.6	0.0	-49.1	0.0
Ft.	11	2634.6	0.0	-49.1	420.4
Fc.	11	2634.6	0.0	-49.1	356.1
Sommita					
Cls.	11	2634.6	0.0	-49.1	23.5
Cls.Med	11	2634.6	0.0	-49.1	0.0
Ft.	11	2634.6	0.0	-49.1	420.4
Fc.	11	2634.6	0.0	-49.1	356.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
146 498	7	-235.6	1.50	-353.4	3957.8	-333.3	78139.7	19029.2	5170.4

- Setto : 91 147 146 57 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	8	-29.1	0.0	73.5	0.01
Som.	2	3753.4	0.0	-15.3	0.15

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	-207.1	0.0	67.3	-0.4
Cls.Med	12	-207.1	0.0	67.3	-0.2
Ft.	12	-207.1	0.0	67.3	7.3
Fc.	12	-207.1	0.0	67.3	-5.1
Sommita					
Cls.	12	-207.1	0.0	67.3	-0.4
Cls.Med	12	-207.1	0.0	67.3	-0.2
Ft.	12	-207.1	0.0	67.3	7.3
Fc.	12	-207.1	0.0	67.3	-5.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
91 146	6	126.2	1.50	189.2	2305.9	65.3	78139.7	19029.2	5170.4

- Setto : 147 500 499 146 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4069.4	0.0	418.2	0.21
Som.	2	5841.3	0.0	755.3	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2712.1	0.0	279.9	13.0
Cls.Med	11	2712.1	0.0	279.9	0.0
Ft.	11	2712.1	0.0	279.9	583.3
Fc.	11	2712.1	0.0	279.9	216.1
Sommita					
Cls.	11	2712.1	0.0	279.9	13.0
Cls.Med	11	2712.1	0.0	279.9	0.0
Ft.	11	2712.1	0.0	279.9	583.3
Fc.	11	2712.1	0.0	279.9	216.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
147 499	5	-556.4	1.50	-834.6	2242.0	301.3	78139.7	19029.2	5624.2

- Setto : 58 148 147 91 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	-131.3	0.0	434.0	0.04
Som.	2	3932.8	0.0	503.0	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-88.3	0.0	290.0	-2.2
Cls.Med	11	-88.3	0.0	290.0	-1.1
Ft.	11	-88.3	0.0	290.0	142.7
Fc.	11	-88.3	0.0	290.0	-22.9
Sommita					
Cls.	11	-88.3	0.0	290.0	-2.2
Cls.Med	11	-88.3	0.0	290.0	-1.1
Ft.	11	-88.3	0.0	290.0	142.7
Fc.	11	-88.3	0.0	290.0	-22.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
58 147	7	484.6	1.50	726.9	2592.2	397.7	78139.7	19029.2	5770.4

- Setto : 148 501 500 147 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4368.9	0.0	162.8	0.19
Som.	2	6140.8	0.0	-243.1	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2913.2	0.0	110.5	23.2
Cls.Med	11	2912.1	0.0	107.0	0.0
Ft.	12	2912.6	0.0	108.5	500.4
Fc.	16	2913.2	0.0	110.5	356.8
Sommita					
Cls.	16	2913.2	0.0	110.5	23.2
Cls.Med	11	2912.1	0.0	107.0	0.0
Ft.	12	2912.6	0.0	108.5	500.4
Fc.	16	2913.2	0.0	110.5	356.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
148 500	8	-66.5	1.50	-99.7	4328.9	-242.0	78139.7	19029.2	5170.4

- Setto : 92 149 148 58 / Sezione 1

S.L.U.	Comb.	N	Mx	My	Sd/Sr

		[kg]	[kgm]	[kgm]	
Base	9	621.8	0.0	472.7	0.08
Som.	2	4298.5	0.0	360.1	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	156.3	0.0	351.5	-2.6
Cls.Med	11	155.7	0.0	351.1	0.0
Ft.	12	156.3	0.0	351.5	216.7
Fc.	12	156.3	0.0	351.5	-25.3
Sommita					
Cls.	12	156.3	0.0	351.5	-2.6
Cls.Med	11	155.7	0.0	351.1	0.0
Ft.	12	156.3	0.0	351.5	216.7
Fc.	12	156.3	0.0	351.5	-25.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
92 148	9	549.5	1.50	824.3	3309.7	330.3	78139.7	19029.2	5170.4

- Setto : 149 502 501 148 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4587.3	0.0	659.8	0.26
Som.	2	6359.2	0.0	1006.8	0.37

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	3058.0	0.0	441.3	8.6
Cls.Med	11	3058.0	0.0	441.3	0.0
Ft.	11	3058.0	0.0	441.3	740.1
Fc.	11	3058.0	0.0	441.3	161.1
Sommita					
Cls.	11	3058.0	0.0	441.3	8.6
Cls.Med	11	3058.0	0.0	441.3	0.0
Ft.	11	3058.0	0.0	441.3	740.1

Fc.	11	3058.0	0.0	441.3	161.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
149 501	3	-665.7	1.50	-998.5	2733.8	451.2	78139.7	19029.2	5848.4

- Setto : 59 150 149 92 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	1015.5	0.0	663.4	0.12
Som.	2	4799.8	0.0	763.0	0.28

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	489.9	0.0	477.2	-3.4
Cls.Med	11	489.9	0.0	477.2	0.0
Ft.	11	489.9	0.0	477.2	341.1
Fc.	11	489.9	0.0	477.2	-30.7
Sommita					
Cls.	11	489.9	0.0	477.2	-3.4
Cls.Med	11	489.9	0.0	477.2	0.0
Ft.	11	489.9	0.0	477.2	341.1
Fc.	11	489.9	0.0	477.2	-30.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
59 149	10	938.1	1.50	1407.2	3731.7	675.5	78139.7	19029.2	6069.4

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Lavori di sistemazione Strada Provinciale "S.S. 650 Fondo Valle Trigno - Schiavi di Abruzzo" III° Lotto Funzionale

RELAZIONE DI CALCOLO PONTE

- Setto : 150 503 502 149 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4857.6	0.0	334.9	0.23
Som.	2	6629.5	0.0	-76.6	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	3238.6	0.0	224.8	20.9
Cls.Med	11	3238.3	0.0	222.1	0.0
Ft.	12	3238.4	0.0	223.3	623.7
Fc.	16	3238.6	0.0	224.8	329.8
Sommita					
Cls.	16	3238.6	0.0	224.8	20.9
Cls.Med	11	3238.3	0.0	222.1	0.0
Ft.	12	3238.4	0.0	223.3	623.7
Fc.	16	3238.6	0.0	224.8	329.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
150 502	9	189.9	1.50	284.8	5261.9	-19.6	78139.7	19029.2	5170.4

- Setto : 101 171 170 68 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	1015.5	0.0	-663.4	0.12
Som.	2	4799.8	0.0	-763.0	0.28

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	489.8	0.0	-477.2	-3.4
Cls.Med	11	489.8	0.0	-477.2	0.0
Ft.	11	489.8	0.0	-477.2	341.1

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Fc. Sommita	11	489.8	0.0	-477.2	-30.7
Cls.	11	489.8	0.0	-477.2	-3.4
Cls.Med	11	489.8	0.0	-477.2	0.0
Ft.	11	489.8	0.0	-477.2	341.1
Fc.	11	489.8	0.0	-477.2	-30.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
101 170	9	-938.1	1.50	-1407.2	3731.7	-675.4	78139.7	19029.2	6069.4

- Setto : 171 524 523 170 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4857.6	0.0	-334.9	0.23
Som.	2	6629.5	0.0	76.6	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	3238.6	0.0	-224.8	20.9
Cls.Med	11	3238.3	0.0	-222.1	0.0
Ft.	12	3238.4	0.0	-223.3	623.7
Fc.	16	3238.6	0.0	-224.8	329.8
Sommita					
Cls.	16	3238.6	0.0	-224.8	20.9
Cls.Med	11	3238.3	0.0	-222.1	0.0
Ft.	12	3238.4	0.0	-223.3	623.7
Fc.	16	3238.6	0.0	-224.8	329.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
171 523	10	-189.9	1.50	-284.8	5261.9	19.6	78139.7	19029.2	5170.4

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Lavori di sistemazione Strada Provinciale "S.S. 650 Fondo Valle Trigno - Schiavi di Abruzzo" III° Lotto Funzionale

RELAZIONE DI CALCOLO PONTE

- Setto : 69 172 171 101 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	10	621.8	0.0	-472.7	0.08
Som.	2	4298.5	0.0	-360.1	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	156.3	0.0	-351.5	-2.6
Cls.Med	11	155.7	0.0	-351.1	0.0
Ft.	12	156.3	0.0	-351.5	216.7
Fc.	12	156.3	0.0	-351.5	-25.3
Sommita					
Cls.	12	156.3	0.0	-351.5	-2.6
Cls.Med	11	155.7	0.0	-351.1	0.0
Ft.	12	156.3	0.0	-351.5	216.7
Fc.	12	156.3	0.0	-351.5	-25.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
69 171	10	-549.5	1.50	-824.3	3309.7	-330.3	78139.7	19029.2	5170.4

- Setto : 172 525 524 171 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4587.3	0.0	-659.8	0.26
Som.	2	6359.2	0.0	-1006.8	0.37

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Base					
Cls.	11	3058.0	0.0	-441.3	8.6
Cls.Med	11	3058.0	0.0	-441.3	0.0
Ft.	11	3058.0	0.0	-441.3	740.1
Fc.	11	3058.0	0.0	-441.3	161.1
Sommita					
Cls.	11	3058.0	0.0	-441.3	8.6
Cls.Med	11	3058.0	0.0	-441.3	0.0
Ft.	11	3058.0	0.0	-441.3	740.1
Fc.	11	3058.0	0.0	-441.3	161.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
172 524	7	665.7	1.50	998.5	2733.8	-451.2	78139.7	19029.2	5848.4

- Setto : 102 173 172 69 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	-131.3	0.0	-434.0	0.04
Som.	2	3932.8	0.0	-503.0	0.21

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-88.3	0.0	-290.0	-2.2
Cls.Med	11	-88.3	0.0	-290.0	-1.1
Ft.	11	-88.3	0.0	-290.0	142.7
Fc.	11	-88.3	0.0	-290.0	-22.9
Sommita					
Cls.	11	-88.3	0.0	-290.0	-2.2
Cls.Med	11	-88.3	0.0	-290.0	-1.1
Ft.	11	-88.3	0.0	-290.0	142.7
Fc.	11	-88.3	0.0	-290.0	-22.9

- Verifiche a Taglio

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
102 172	3	-484.6	1.50	-726.9	2592.2	-397.7	78139.7	19029.2	5770.4

- Setto : 173 526 525 172 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4368.9	0.0	-162.8	0.19
Som.	2	6140.8	0.0	243.1	0.27

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	16	2913.3	0.0	-110.5	23.2
Cls.Med	11	2912.1	0.0	-107.0	0.0
Ft.	12	2912.6	0.0	-108.5	500.4
Fc.	16	2913.3	0.0	-110.5	356.8
Sommita					
Cls.	16	2913.3	0.0	-110.5	23.2
Cls.Med	11	2912.1	0.0	-107.0	0.0
Ft.	12	2912.6	0.0	-108.5	500.4
Fc.	16	2913.3	0.0	-110.5	356.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
173 525	4	66.5	1.50	99.7	4328.9	242.0	78139.7	19029.2	5170.4

- Setto : 70 174 173 102 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	4	-29.1	0.0	-73.5	0.01
Som.	2	3753.4	0.0	15.3	0.15

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	-207.1	0.0	-67.3	-0.4
Cls.Med	12	-207.1	0.0	-67.3	-0.2
Ft.	12	-207.1	0.0	-67.3	7.3
Fc.	12	-207.1	0.0	-67.3	-5.1
Sommita					
Cls.	12	-207.1	0.0	-67.3	-0.4
Cls.Med	12	-207.1	0.0	-67.3	-0.2
Ft.	12	-207.1	0.0	-67.3	7.3
Fc.	12	-207.1	0.0	-67.3	-5.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
70 173	5	-126.2	1.50	-189.2	2305.9	-65.3	78139.7	19029.2	5170.4

- Setto : 174 527 526 173 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	4069.4	0.0	-418.2	0.21
Som.	2	5841.3	0.0	-755.3	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2712.1	0.0	-279.9	13.0
Cls.Med	11	2712.1	0.0	-279.9	0.0
Ft.	11	2712.1	0.0	-279.9	583.3
Fc.	11	2712.1	0.0	-279.9	216.1
Sommita					
Cls.	11	2712.1	0.0	-279.9	13.0
Cls.Med	11	2712.1	0.0	-279.9	0.0
Ft.	11	2712.1	0.0	-279.9	583.3
Fc.	11	2712.1	0.0	-279.9	216.1

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
174 526	6	556.4	1.50	834.6	2242.0	-301.3	78139.7	19029.2	5624.2

- Setto : 103 175 174 70 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	-371.0	0.0	-215.2	0.01
Som.	2	3664.5	0.0	-210.0	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-267.6	0.0	-81.7	-0.5
Cls.Med	11	-267.6	0.0	-81.7	-0.2
Ft.	11	-267.6	0.0	-81.7	7.5
Fc.	11	-267.6	0.0	-81.7	-6.1
Sommita					
Cls.	11	-267.6	0.0	-81.7	-0.5
Cls.Med	11	-267.6	0.0	-81.7	-0.2
Ft.	11	-267.6	0.0	-81.7	7.5
Fc.	11	-267.6	0.0	-81.7	-6.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
103 174	5	-270.3	1.50	-405.4	2338.6	-277.9	78139.7	19029.2	5532.6

- Setto : 175 528 527 174 / Sezione 2

S.L.U.	Comb.	N	Mx	My	Sd/Sr

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

		[kg]	[kgm]	[kgm]	
Base	2	3953.3	0.0	70.6	0.16
Som.	2	5725.2	0.0	437.3	0.28

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2634.6	0.0	49.1	23.5
Cls.Med	11	2634.6	0.0	49.1	0.0
Ft.	11	2634.6	0.0	49.1	420.4
Fc.	11	2634.6	0.0	49.1	356.1
Sommita					
Cls.	11	2634.6	0.0	49.1	23.5
Cls.Med	11	2634.6	0.0	49.1	0.0
Ft.	11	2634.6	0.0	49.1	420.4
Fc.	11	2634.6	0.0	49.1	356.1

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
175 527	3	235.6	1.50	353.4	3957.8	333.3	78139.7	19029.2	5170.4

- Setto : 71 176 175 103 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	9	-78.9	0.0	106.9	0.01
Som.	2	3630.9	0.0	113.3	0.16

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-290.0	0.0	14.5	-0.1
Cls.Med	11	-290.0	0.0	14.5	-0.1
Ft.	16	-287.2	0.0	14.4	-1.0
Fc.	11	-290.0	0.0	14.5	-2.2
Sommita					
Cls.	11	-290.0	0.0	14.5	-0.1
Cls.Med	11	-290.0	0.0	14.5	-0.1
Ft.	16	-287.2	0.0	14.4	-1.0

Fc.	11	-290.0	0.0	14.5	-2.2

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
71 175	10	200.5	1.50	300.7	2531.8	175.9	78139.7	19029.2	5170.4

- Setto : 176 529 528 175 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3765.8	0.0	-286.5	0.18
Som.	2	5537.7	0.0	-610.7	0.29

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2509.4	0.0	-192.2	15.3
Cls.Med	11	2509.4	0.0	-192.2	0.0
Ft.	11	2509.4	0.0	-192.2	495.9
Fc.	11	2509.4	0.0	-192.2	243.7
Sommita					
Cls.	11	2509.4	0.0	-192.2	15.3
Cls.Med	11	2509.4	0.0	-192.2	0.0
Ft.	11	2509.4	0.0	-192.2	495.9
Fc.	11	2509.4	0.0	-192.2	243.7

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
176 528	5	412.3	1.50	618.5	2563.1	-278.8	78139.7	19029.2	5470.8

- Setto : 104 177 176 71 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	5	-186.9	0.0	-144.9	0.01
Som.	2	3740.4	0.0	-145.0	0.16

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-215.8	0.0	-38.7	-0.2
Cls.Med	11	-215.8	0.0	-38.7	-0.1
Ft.	11	-215.8	0.0	-38.7	0.5
Fc.	11	-215.8	0.0	-38.7	-2.8
Sommita					
Cls.	11	-215.8	0.0	-38.7	-0.2
Cls.Med	11	-215.8	0.0	-38.7	-0.1
Ft.	11	-215.8	0.0	-38.7	0.5
Fc.	11	-215.8	0.0	-38.7	-2.8

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
104 176	5	-249.1	1.50	-373.7	2524.9	-227.9	78139.7	19029.2	5170.4

- Setto : 177 530 529 176 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3394.8	0.0	598.8	0.20
Som.	2	5166.6	0.0	1009.3	0.32

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2260.3	0.0	404.1	2.5
Cls.Med	11	2260.3	0.0	404.1	0.0
Ft.	11	2260.3	0.0	404.1	598.1
Fc.	11	2260.3	0.0	404.1	68.0
Sommita					
Cls.	11	2260.3	0.0	404.1	2.5
Cls.Med	11	2260.3	0.0	404.1	0.0
Ft.	11	2260.3	0.0	404.1	598.1
Fc.	11	2260.3	0.0	404.1	68.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
177 529	5	-792.8	1.50	-1189.2	2106.0	452.4	78139.7	19029.2	5968.6

- Setto : 72 178 177 104 / Sezione 1

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	4	-156.0	0.0	146.0	0.01
Som.	2	3385.3	0.0	310.8	0.17

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	-453.8	0.0	123.6	-0.7
Cls.Med	11	-453.8	0.0	123.6	-0.3
Ft.	11	-453.8	0.0	123.6	8.2
Fc.	11	-453.8	0.0	123.6	-8.9
Sommita					
Cls.	11	-453.8	0.0	123.6	-0.7
Cls.Med	11	-453.8	0.0	123.6	-0.3
Ft.	11	-453.8	0.0	123.6	8.2
Fc.	11	-453.8	0.0	123.6	-8.9

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
72 177	4	240.4	1.50	360.6	2559.9	228.2	78139.7	19029.2	5170.4

- Setto : 178 531 530 177 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	3692.6	0.0	-819.1	0.24
Som.	2	5464.4	0.0	-1411.4	0.38

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	2462.5	0.0	-550.9	-1.3
Cls.Med	11	2462.5	0.0	-550.9	0.0
Ft.	11	2462.5	0.0	-550.9	719.9
Fc.	11	2462.5	0.0	-550.9	19.3
Sommita					
Cls.	11	2462.5	0.0	-550.9	-1.3
Cls.Med	11	2462.5	0.0	-550.9	0.0
Ft.	11	2462.5	0.0	-550.9	719.9
Fc.	11	2462.5	0.0	-550.9	19.3

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
178 530	5	1101.4	1.50	1652.0	2739.5	-732.8	78139.7	19029.2	6283.7

- Setto : 122 197 196 121 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	2120.7	0.0	-740.2	0.32
Som.	2	3301.9	0.0	-524.5	0.34

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]

Base					
Cls.	12	1413.8	0.0	-493.4	-5.5
Cls.Med	11	1412.4	0.0	-491.9	0.0
Ft.	12	1413.8	0.0	-493.4	816.8
Fc.	12	1413.8	0.0	-493.4	-9.0
Sommita					
Cls.	12	1413.8	0.0	-493.4	-5.5
Cls.Med	11	1412.4	0.0	-491.9	0.0
Ft.	12	1413.8	0.0	-493.4	816.8
Fc.	12	1413.8	0.0	-493.4	-9.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
122 196	4	-790.5	1.50	-1185.8	2649.4	-618.1	52093.1	12686.1	4557.6

- Setto : 123 198 197 122 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	4	985.1	0.0	-683.5	0.24
Som.	2	2452.7	0.0	-630.3	0.31

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	847.0	0.0	-362.9	-4.4
Cls.Med	11	847.0	0.0	-362.9	0.0
Ft.	11	847.0	0.0	-362.9	557.0
Fc.	11	847.0	0.0	-362.9	-15.0
Sommita					
Cls.	11	847.0	0.0	-362.9	-4.4
Cls.Med	11	847.0	0.0	-362.9	0.0
Ft.	11	847.0	0.0	-362.9	557.0
Fc.	11	847.0	0.0	-362.9	-15.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
123 197	4	-785.5	1.50	-1178.2	1770.0	-737.4	52093.1	12686.1	4842.2

- Setto : 124 199 198 123 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	8	985.1	0.0	683.5	0.24
Som.	2	2452.7	0.0	630.3	0.31

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	847.0	0.0	362.9	-4.4
Cls.Med	11	847.0	0.0	362.9	0.0
Ft.	11	847.0	0.0	362.9	557.0
Fc.	11	847.0	0.0	362.9	-15.0
Sommita					
Cls.	11	847.0	0.0	362.9	-4.4
Cls.Med	11	847.0	0.0	362.9	0.0
Ft.	11	847.0	0.0	362.9	557.0
Fc.	11	847.0	0.0	362.9	-15.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
124 198	8	785.5	1.50	1178.2	1770.0	737.4	52093.1	12686.1	4842.2

- Setto : 125 200 199 124 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	2120.7	0.0	740.2	0.32
Som.	2	3301.9	0.0	524.5	0.34

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1413.8	0.0	493.4	-5.5
Cls.Med	11	1412.4	0.0	491.9	0.0
Ft.	12	1413.8	0.0	493.4	816.8
Fc.	12	1413.8	0.0	493.4	-9.0
Sommita					
Cls.	12	1413.8	0.0	493.4	-5.5
Cls.Med	11	1412.4	0.0	491.9	0.0
Ft.	12	1413.8	0.0	493.4	816.8
Fc.	12	1413.8	0.0	493.4	-9.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kg]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
125 199	8	790.5	1.50	1185.8	2649.4	618.1	52093.1	12686.1	4557.6

- Setto : 159 512 511 158 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	2120.7	0.0	-740.2	0.32
Som.	2	3301.9	0.0	-524.5	0.34

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1413.8	0.0	-493.4	-5.5
Cls.Med	11	1412.4	0.0	-491.9	0.0
Ft.	12	1413.8	0.0	-493.4	816.8
Fc.	12	1413.8	0.0	-493.4	-9.0
Sommita					
Cls.	12	1413.8	0.0	-493.4	-5.5
Cls.Med	11	1412.4	0.0	-491.9	0.0
Ft.	12	1413.8	0.0	-493.4	816.8
Fc.	12	1413.8	0.0	-493.4	-9.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kgm]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
159 511	3	-790.5	1.50	-1185.8	2649.4	-618.1	52093.1	12686.1	4557.6

- Setto : 160 513 512 159 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	3	985.1	0.0	-683.5	0.24
Som.	2	2452.7	0.0	-630.3	0.31

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	847.0	0.0	-362.9	-4.4
Cls.Med	11	847.0	0.0	-362.9	0.0
Ft.	11	847.0	0.0	-362.9	557.0
Fc.	11	847.0	0.0	-362.9	-15.0
Sommita					
Cls.	11	847.0	0.0	-362.9	-4.4
Cls.Med	11	847.0	0.0	-362.9	0.0
Ft.	11	847.0	0.0	-362.9	557.0
Fc.	11	847.0	0.0	-362.9	-15.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kgm]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
160 512	3	-785.5	1.50	-1178.2	1770.0	-737.4	52093.1	12686.1	4842.2

- Setto : 161 514 513 160 / Sezione 2

S.L.U.	Comb.	N	Mx	My	Sd/Sr

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

		[kg]	[kgm]	[kgm]	
Base	7	985.1	0.0	683.5	0.24
Som.	2	2452.7	0.0	630.3	0.31

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	11	847.0	0.0	362.9	-4.4
Cls.Med	11	847.0	0.0	362.9	0.0
Ft.	11	847.0	0.0	362.9	557.0
Fc.	11	847.0	0.0	362.9	-15.0
Sommita					
Cls.	11	847.0	0.0	362.9	-4.4
Cls.Med	11	847.0	0.0	362.9	0.0
Ft.	11	847.0	0.0	362.9	557.0
Fc.	11	847.0	0.0	362.9	-15.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kgm]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
161 513	7	785.5	1.50	1178.2	1770.0	737.4	52093.1	12686.1	4842.2

- Setto : 162 515 514 161 / Sezione 2

S.L.U.	Comb.	N [kg]	Mx [kgm]	My [kgm]	Sd/Sr
Base	2	2120.7	0.0	740.2	0.32
Som.	2	3301.9	0.0	524.5	0.34

S.L.E.	Combinazione	N [kg]	Mx [kgm]	My [kgm]	sigma [kg/cm²]
Base					
Cls.	12	1413.8	0.0	493.4	-5.5
Cls.Med	11	1412.4	0.0	491.9	0.0
Ft.	12	1413.8	0.0	493.4	816.8
Fc.	12	1413.8	0.0	493.4	-9.0
Sommita					
Cls.	12	1413.8	0.0	493.4	-5.5
Cls.Med	11	1412.4	0.0	491.9	0.0
Ft.	12	1413.8	0.0	493.4	816.8
Fc.	12	1413.8	0.0	493.4	-9.0

- Verifiche a Taglio

Nodi	Comb.	V_{dc} [kg]	alpha	V_{Ed} [kg]	N_{Ed} [kg]	M_{Ed} [kgm]	V_{Rcd} [kg]	V_{Rds} [kg]	$V_{Rd,scorrimento}$ [kg]
162 514	7	790.5	1.50	1185.8	2649.4	618.1	52093.1	12686.1	4557.6

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

SOLETTA PONTE

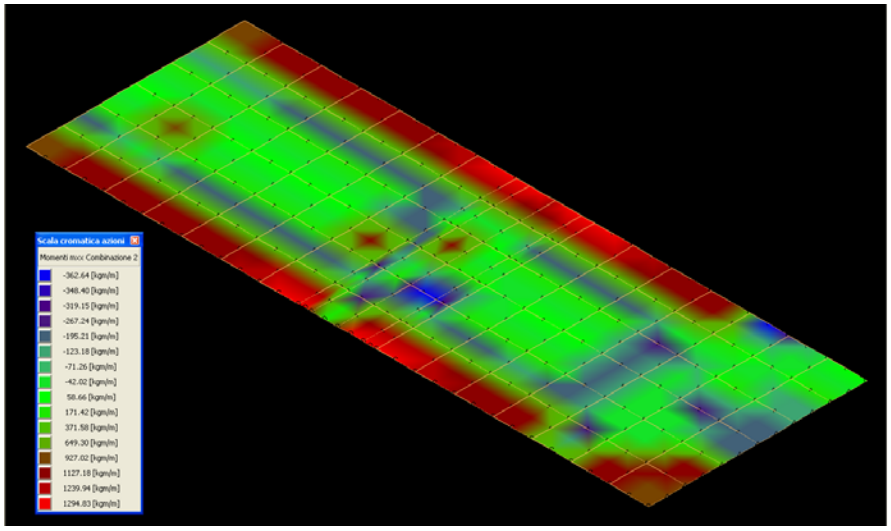
- Verifiche condotte agli Stati Limite Ultimi

Calcestruzzo Rbk 300 :

- Resistenza cilindrica caratteristica calcestruzzo : 249.0 [kg/cm²]
- Resistenza cubica caratteristica del calcestruzzo : 300.0 [kg/cm²]
- Coefficiente di sicurezza calcestruzzo ..... : 1.50
- Tensione di riferimento con epsilon al 2 % ..... : 141.1 [kg/cm²]

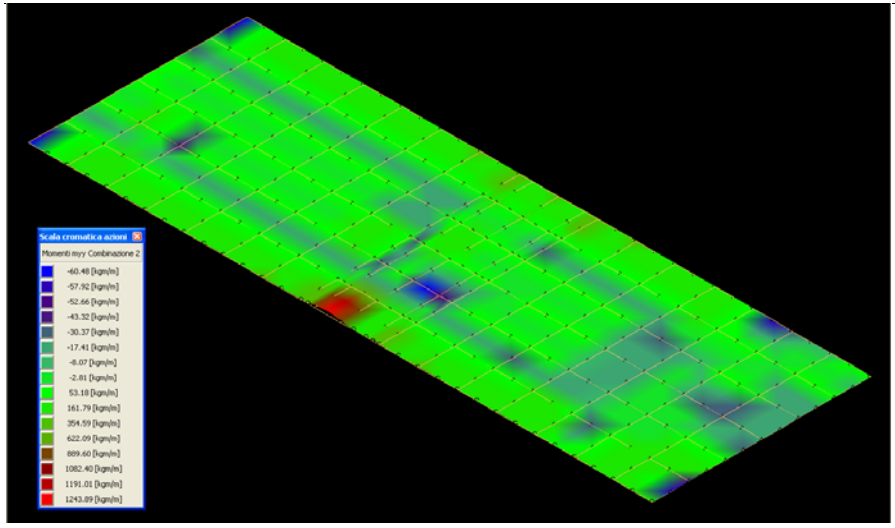
Acciaio B 450 C :

- Tensione di snervamento dell'acciaio ..... : 4500.0 [kg/cm²]
- Coefficiente di sicurezza acciaio ..... : 1.15
- Modulo elastico dell'acciaio ..... : 2100000.0 [kg/cm²]
- Tensione di riferimento dell'acciaio ..... : 3913.0 [kg/cm²]
- Epsilon di snervamento dell'acciaio ..... : 0.00



Isomomento Mxx

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it



Isomomento Myy

- Verifica Sezioni Soletta piu' Sollecitate

- Sezione h=30 [cm]

- Armature e Copriferri

Direzione X Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]
X Armatura	9.05 [cm²]	Copriferro 3.00 Intradosso [cm]
Direzione Y Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]
Y Armatura	9.05 [cm²]	Copriferro 3.00 Intradosso [cm]

- Punto di Verifica (18.33 ,0.31 [m])

- Sollecitazioni Combinazione *9*

mxx	183.27 [kgm/m]	m11	183.25 [kgm/m]	Mr11	8997.68 [kgm/m]
myy	1548.00 [kgm/m]	m22	1548.02 [kgm/m]	Mr22	8997.68 [kgm/m]
myx	-5.05 [kgm/m]		alpha	0.21 [°]	

- Sezione h=30 [cm]

- Armature e Copriferri

Direzione X Armatura	4.52 [cm²]	Copriferro 3.00 Estradosso [cm]
X Armatura	4.52 [cm²]	Copriferro 3.00 Intradosso [cm]

Prof. Ing. Antonio Montepara – Via Farini n. 80 43100 Parma – Tel. 0521905904 emaill info@studiomontepara.it

Direzione Y Armatura	4.52 [cm²]	Copriferro 3.00 Estradosso [cm]
Y Armatura	4.52 [cm²]	Copriferro 3.00 Intradosso [cm]

- Punto di Verifica (8.69 ,1.71 [m])

- Sollecitazioni Combinazione *2*

mxx	-42.60 [kgm/m]	m11	-42.60 [kgm/m]	Mr11	4619.88 [kgm/m]
myy	-362.64 [kgm/m]	m22	-362.64 [kgm/m]	Mr22	4619.88 [kgm/m]
myx	-0.85 [kgm/m]		alpha	-0.15 [°]	

- Sezione h=30 [cm]

- Armature e Copriferri

Direzione X Armatura	17.09 [cm²]	Copriferro 3.00 Estradosso [cm]
Direzione Y Armatura	17.09 [cm²]	Copriferro 3.00 Estradosso [cm]

- Punto di Verifica (22.83 ,1.71 [m])

- Sollecitazioni Combinazione *9*

mxx	182.48 [kgm/m]	m11	182.48 [kgm/m]	Mr11	16605.49 [kgm/m]
myy	1477.67 [kgm/m]	m22	1477.68 [kgm/m]	Mr22	16605.49 [kgm/m]
myx	-3.40 [kgm/m]		alpha	0.15 [°]	

- Sezione h=30 [cm]

- Armature e Copriferri

Direzione X Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]
Direzione Y Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]

- Punto di Verifica (21.33 ,1.11 [m])

- Sollecitazioni Combinazione *5*

mxx	182.48 [kgm/m]	m11	182.48 [kgm/m]	Mr11	8997.68 [kgm/m]
myy	1477.67 [kgm/m]	m22	1477.68 [kgm/m]	Mr22	8997.68 [kgm/m]
myx	3.40 [kgm/m]		alpha	-0.15 [°]	

- Sezione h=30 [cm]

- Armature e Copriferri

Direzione X Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]
Direzione Y Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]

- Punto di Verifica (11.22 ,5.31 [m])

- Sollecitazioni Combinazione *5*

mxx	182.37 [kgm/m]	m11	182.37 [kgm/m]	Mr11	8997.68 [kgm/m]
myy	1519.24 [kgm/m]	m22	1519.24 [kgm/m]	Mr22	8997.68 [kgm/m]
myx	0.09 [kgm/m]		alpha	-0.00 [°]	

- Sezione h=30 [cm]

- Armature e Copriferri

Direzione X Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]
Direzione Y Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]

- Punto di Verifica (9.33 ,3.11 [m])

- Sollecitazioni Combinazione *9*

mxx	182.37 [kgm/m]	m11	182.37 [kgm/m]	Mr11	8997.68 [kgm/m]
myy	1519.24 [kgm/m]	m22	1519.24 [kgm/m]	Mr22	8997.68 [kgm/m]
myx	-0.09 [kgm/m]		alpha	0.00 [°]	

- Sezione h=30 [cm]

- Armature e Copriferri

Direzione X Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]
Direzione Y Armatura	9.05 [cm²]	Copriferro 3.00 Estradosso [cm]

- Punto di Verifica (1.83 ,3.11 [m])

- Sollecitazioni Combinazione *9*

mxx	183.68 [kgm/m]	m11	183.67 [kgm/m]	Mr11	8997.68 [kgm/m]
myy	1449.65 [kgm/m]	m22	1449.66 [kgm/m]	Mr22	8997.68 [kgm/m]
myx	-3.02 [kgm/m]		alpha	0.14 [°]	

- Sezione h=30 [cm]

- Armature e Copriferri

Direzione X Armatura	12.57 [cm²]	Copriferro 3.00 Estradosso [cm]
Direzione Y Armatura	12.57 [cm²]	Copriferro 3.00 Estradosso [cm]

- Punto di Verifica (18.33 ,8.11 [m])

- Sollecitazioni Combinazione *5*

mxx	183.27 [kgm/m]	m11	183.25 [kgm/m]	Mr11	12342.38 [kgm/m]
myy	1548.00 [kgm/m]	m22	1548.02 [kgm/m]	Mr22	12342.38 [kgm/m]
myx	5.05 [kgm/m]		alpha	-0.21 [°]	