

```

;-----
-----
; MIDAS/Civil Text(MCT) File.
; Date : 2015/4/21
;-----
-----
*VERSION
8.3.1
*UNIT : Unit System
; FORCE, LENGTH, HEAT, TEMPER
KN , M, KCAL, C
*STRUCTYPE : Structure Type
; iSTYP, iMASS, iSMAS, bMASSOFFSET,
bSELFWEIGHT, GRAV, TEMPER,
bALIGNBEAM, bALIGNSLAB, bROTIGID
0, 1, 1, NO, YES, 9.806, 0, NO, NO,
NO
*REBAR-MATL-CODE : Rebar Material
Code
; CONC_CODE, CONC_MDB, SRC_CODE,
SRC_MDB
KSCE-LSD12(RC), SD300,
KSCE-LSD12(RC), SD300
*NODE : Nodes
; iNO, X, Y, Z
1, 0.3, -4.6, -0.4
2, 0.3, -4.6, 0
3, 0.3, -2.3, -0.4
4, 0.3, -2.3, 0
5, 0.3, 0, -0.4
6, 0.3, 0, 0
7, 0.3, 2.3, -0.4
8, 0.3, 2.3, 0
9, 0.3, 4.6, -0.4
10, 0.3, 4.6, 0
11, 29.5, -4.6, -0.4
12, 29.5, -4.6, 0
13, 29.5, -2.3, -0.4
14, 29.5, -2.3, 0
15, 29.5, 0, -0.4
16, 29.5, 0, 0
17, 29.5, 2.3, -0.4
18, 29.5, 2.3, 0
19, 29.5, 4.6, -0.4
20, 29.5, 4.6, 0
21, 30.4, -4.6, -0.4
22, 30.4, -4.6, 0
23, 30.4, -2.3, -0.4
24, 30.4, -2.3, 0
25, 30.4, 0, -0.4
26, 30.4, 0, 0
27, 30.4, 2.3, -0.4
28, 30.4, 2.3, 0
29, 30.4, 4.6, -0.4
30, 30.4, 4.6, 0
31, 59.6, -4.6, -0.4
32, 59.6, -4.6, 0
33, 59.6, -2.3, -0.4
34, 59.6, -2.3, 0
35, 59.6, 0, -0.4
36, 59.6, 0, 0
37, 59.6, 2.3, -0.4
38, 59.6, 2.3, 0
39, 59.6, 4.6, -0.4
40, 59.6, 4.6, 0
41, 60.5, -4.6, -0.4
42, 60.5, -4.6, 0
43, 60.5, -2.3, -0.4
44, 60.5, -2.3, 0
45, 60.5, 0, -0.4
46, 60.5, 0, 0
47, 60.5, 2.3, -0.4
48, 60.5, 2.3, 0
49, 60.5, 4.6, -0.4
50, 60.5, 4.6, 0
51, 89.7, -4.6, -0.4
52, 89.7, -4.6, 0
53, 89.7, -2.3, -0.4
54, 89.7, -2.3, 0
55, 89.7, 0, -0.4
56, 89.7, 0, 0
57, 89.7, 2.3, -0.4
58, 89.7, 2.3, 0
59, 89.7, 4.6, -0.4
60, 89.7, 4.6, 0
61, 90.6, -4.6, -0.4
62, 90.6, -4.6, 0
63, 90.6, -2.3, -0.4
64, 90.6, -2.3, 0
65, 90.6, 0, -0.4
66, 90.6, 0, 0
67, 90.6, 2.3, -0.4
68, 90.6, 2.3, 0
69, 90.6, 4.6, -0.4
70, 90.6, 4.6, 0
71, 119.8, -4.6, -0.4
72, 119.8, -4.6, 0
73, 119.8, -2.3, -0.4
74, 119.8, -2.3, 0
75, 119.8, 0, -0.4
76, 119.8, 0, 0
77, 119.8, 2.3, -0.4
78, 119.8, 2.3, 0
79, 119.8, 4.6, -0.4
80, 119.8, 4.6, 0
81, 120.7, -4.6, -0.4
82, 120.7, -4.6, 0
83, 120.7, -2.3, -0.4
84, 120.7, -2.3, 0
85, 120.7, 0, -0.4
86, 120.7, 0, 0
87, 120.7, 2.3, -0.4
88, 120.7, 2.3, 0
89, 120.7, 4.6, -0.4
90, 120.7, 4.6, 0
91, 149.9, -4.6, -0.4
92, 149.9, -4.6, 0
93, 149.9, -2.3, -0.4
94, 149.9, -2.3, 0
95, 149.9, 0, -0.4
96, 149.9, 0, 0
97, 149.9, 2.3, -0.4
98, 149.9, 2.3, 0
99, 149.9, 4.6, -0.4
100, 149.9, 4.6, 0
101, 150.8, -4.6, -0.4
102, 150.8, -4.6, 0
103, 150.8, -2.3, -0.4
104, 150.8, -2.3, 0
105, 150.8, 0, -0.4
106, 150.8, 0, 0
107, 150.8, 2.3, -0.4
108, 150.8, 2.3, 0
109, 150.8, 4.6, -0.4
110, 150.8, 4.6, 0
111, 180, -4.6, -0.4
112, 180, -4.6, 0
113, 180, -2.3, -0.4
114, 180, -2.3, 0
115, 180, 0, -0.4
116, 180, 0, 0
117, 180, 2.3, -0.4
118, 180, 2.3, 0
119, 180, 4.6, -0.4
120, 180, 4.6, 0
121, 180.9, -4.6, -0.4
122, 180.9, -4.6, 0
123, 180.9, -2.3, -0.4
124, 180.9, -2.3, 0
125, 180.9, 0, -0.4
126, 180.9, 0, 0
127, 180.9, 2.3, -0.4
128, 180.9, 2.3, 0
129, 180.9, 4.6, -0.4
130, 180.9, 4.6, 0
131, 210.1, -4.6, -0.4
132, 210.1, -4.6, 0
133, 210.1, -2.3, -0.4
134, 210.1, -2.3, 0
135, 210.1, 0, -0.4
136, 210.1, 0, 0
137, 210.1, 2.3, -0.4
138, 210.1, 2.3, 0
139, 210.1, 4.6, -0.4
140, 210.1, 4.6, 0
141, 211, -4.6, -0.4
142, 211, -4.6, 0
143, 211, -2.3, -0.4
144, 211, -2.3, 0
145, 211, 0, -0.4
146, 211, 0, 0
147, 211, 2.3, -0.4
148, 211, 2.3, 0
149, 211, 4.6, -0.4
150, 211, 4.6, 0
151, 240.2, -4.6, -0.4
152, 240.2, -4.6, 0
153, 240.2, -2.3, -0.4
154, 240.2, -2.3, 0
155, 240.2, 0, -0.4
156, 240.2, 0, 0
157, 240.2, 2.3, -0.4
158, 240.2, 2.3, 0
159, 240.2, 4.6, -0.4
160, 240.2, 4.6, 0
161, 241.1, -4.6, -0.4
162, 241.1, -4.6, 0
163, 241.1, -2.3, -0.4
164, 241.1, -2.3, 0
165, 241.1, 0, -0.4
166, 241.1, 0, 0
167, 241.1, 2.3, -0.4
168, 241.1, 2.3, 0
169, 241.1, 4.6, -0.4
170, 241.1, 4.6, 0
171, 270.3, -4.6, -0.4
172, 270.3, -4.6, 0
173, 270.3, -2.3, -0.4
174, 270.3, -2.3, 0
175, 270.3, 0, -0.4
176, 270.3, 0, 0
177, 270.3, 2.3, -0.4

```

178, 270.3, 2.3, 0
179, 270.3, 4.6, -0.4
180, 270.3, 4.6, 0
181, 271.2, -4.6, -0.4
182, 271.2, -4.6, 0
183, 271.2, -2.3, -0.4
184, 271.2, -2.3, 0
185, 271.2, 0, -0.4
186, 271.2, 0, 0
187, 271.2, 2.3, -0.4
188, 271.2, 2.3, 0
189, 271.2, 4.6, -0.4
190, 271.2, 4.6, 0
191, 300.4, -4.6, -0.4
192, 300.4, -4.6, 0
193, 300.4, -2.3, -0.4
194, 300.4, -2.3, 0
195, 300.4, 0, -0.4
196, 300.4, 0, 0
197, 300.4, 2.3, -0.4
198, 300.4, 2.3, 0
199, 300.4, 4.6, -0.4
200, 300.4, 4.6, 0
201, 301.3, -4.6, -0.4
202, 301.3, -4.6, 0
203, 301.3, -2.3, -0.4
204, 301.3, -2.3, 0
205, 301.3, 0, -0.4
206, 301.3, 0, 0
207, 301.3, 2.3, -0.4
208, 301.3, 2.3, 0
209, 301.3, 4.6, -0.4
210, 301.3, 4.6, 0
211, 330.5, -4.6, -0.4
212, 330.5, -4.6, 0
213, 330.5, -2.3, -0.4
214, 330.5, -2.3, 0
215, 330.5, 0, -0.4
216, 330.5, 0, 0
217, 330.5, 2.3, -0.4
218, 330.5, 2.3, 0
219, 330.5, 4.6, -0.4
220, 330.5, 4.6, 0
221, 331.4, -4.6, -0.4
222, 331.4, -4.6, 0
223, 331.4, -2.3, -0.4
224, 331.4, -2.3, 0
225, 331.4, 0, -0.4
226, 331.4, 0, 0
227, 331.4, 2.3, -0.4
228, 331.4, 2.3, 0
229, 331.4, 4.6, -0.4
230, 331.4, 4.6, 0
231, 360.6, -4.6, -0.4
232, 360.6, -4.6, 0
233, 360.6, -2.3, -0.4
234, 360.6, -2.3, 0
235, 360.6, 0, -0.4
236, 360.6, 0, 0
237, 360.6, 2.3, -0.4
238, 360.6, 2.3, 0
239, 360.6, 4.6, -0.4
240, 360.6, 4.6, 0
241, 361.5, -4.6, -0.4
242, 361.5, -4.6, 0
243, 361.5, -2.3, -0.4
244, 361.5, -2.3, 0
245, 361.5, 0, -0.4

246, 361.5, 0, 0
247, 361.5, 2.3, -0.4
248, 361.5, 2.3, 0
249, 361.5, 4.6, -0.4
250, 361.5, 4.6, 0
251, 390.7, -4.6, -0.4
252, 390.7, -4.6, 0
253, 390.7, -2.3, -0.4
254, 390.7, -2.3, 0
255, 390.7, 0, -0.4
256, 390.7, 0, 0
257, 390.7, 2.3, -0.4
258, 390.7, 2.3, 0
259, 390.7, 4.6, -0.4
260, 390.7, 4.6, 0
261, 391.6, -4.6, -0.4
262, 391.6, -4.6, 0
263, 391.6, -2.3, -0.4
264, 391.6, -2.3, 0
265, 391.6, 0, -0.4
266, 391.6, 0, 0
267, 391.6, 2.3, -0.4
268, 391.6, 2.3, 0
269, 391.6, 4.6, -0.4
270, 391.6, 4.6, 0
271, 420.8, -4.6, -0.4
272, 420.8, -4.6, 0
273, 420.8, -2.3, -0.4
274, 420.8, -2.3, 0
275, 420.8, 0, -0.4
276, 420.8, 0, 0
277, 420.8, 2.3, -0.4
278, 420.8, 2.3, 0
279, 420.8, 4.6, -0.4
280, 420.8, 4.6, 0
281, 421.7, -4.6, -0.4
282, 421.7, -4.6, 0
283, 421.7, -2.3, -0.4
284, 421.7, -2.3, 0
285, 421.7, 0, -0.4
286, 421.7, 0, 0
287, 421.7, 2.3, -0.4
288, 421.7, 2.3, 0
289, 421.7, 4.6, -0.4
290, 421.7, 4.6, 0
291, 450.9, -4.6, -0.4
292, 450.9, -4.6, 0
293, 450.9, -2.3, -0.4
294, 450.9, -2.3, 0
295, 450.9, 0, -0.4
296, 450.9, 0, 0
297, 450.9, 2.3, -0.4
298, 450.9, 2.3, 0
299, 450.9, 4.6, -0.4
300, 450.9, 4.6, 0
301, 451.8, -4.6, -0.4
302, 451.8, -4.6, 0
303, 451.8, -2.3, -0.4
304, 451.8, -2.3, 0
305, 451.8, 0, -0.4
306, 451.8, 0, 0
307, 451.8, 2.3, -0.4
308, 451.8, 2.3, 0
309, 451.8, 4.6, -0.4
310, 451.8, 4.6, 0
311, 481, -4.6, -0.4
312, 481, -4.6, 0
313, 481, -2.3, -0.4

314, 481, -2.3, 0
315, 481, 0, -0.4
316, 481, 0, 0
317, 481, 2.3, -0.4
318, 481, 2.3, 0
319, 481, 4.6, -0.4
320, 481, 4.6, 0
321, 481.9, -4.6, -0.4
322, 481.9, -4.6, 0
323, 481.9, -2.3, -0.4
324, 481.9, -2.3, 0
325, 481.9, 0, -0.4
326, 481.9, 0, 0
327, 481.9, 2.3, -0.4
328, 481.9, 2.3, 0
329, 481.9, 4.6, -0.4
330, 481.9, 4.6, 0
331, 511.1, -4.6, -0.4
332, 511.1, -4.6, 0
333, 511.1, -2.3, -0.4
334, 511.1, -2.3, 0
335, 511.1, 0, -0.4
336, 511.1, 0, 0
337, 511.1, 2.3, -0.4
338, 511.1, 2.3, 0
339, 511.1, 4.6, -0.4
340, 511.1, 4.6, 0
341, 512, -4.6, -0.4
342, 512, -4.6, 0
343, 512, -2.3, -0.4
344, 512, -2.3, 0
345, 512, 0, -0.4
346, 512, 0, 0
347, 512, 2.3, -0.4
348, 512, 2.3, 0
349, 512, 4.6, -0.4
350, 512, 4.6, 0
351, 541.2, -4.6, -0.4
352, 541.2, -4.6, 0
353, 541.2, -2.3, -0.4
354, 541.2, -2.3, 0
355, 541.2, 0, -0.4
356, 541.2, 0, 0
357, 541.2, 2.3, -0.4
358, 541.2, 2.3, 0
359, 541.2, 4.6, -0.4
360, 541.2, 4.6, 0
361, 240.5, 0, 0
362, 210.7, 2.3, 0
363, 211.7, 2.3, 0
364, 212.6, 2.3, 0
365, 238.6, 2.3, 0
366, 239.5, 2.3, 0
367, 240.5, 2.3, 0
368, 210.7, 4.6, 0
369, 211.7, 4.6, 0
370, 212.6, 4.6, 0
371, 238.6, 4.6, 0
372, 239.5, 4.6, 0
373, 240.5, 4.6, 0
374, 210.7, -2.3, 0
375, 211.7, -2.3, 0
376, 212.6, -2.3, 0
377, 238.6, -2.3, 0
378, 239.5, -2.3, 0
379, 240.5, -2.3, 0
380, 210.7, -4.6, 0
381, 211.7, -4.6, 0

382, 212.6, -4.6, 0	450, 258.68, -4.6, 0	518, 301, 4.6, 0
383, 238.6, -4.6, 0	451, 264.64, 4.6, 0	519, 302, 4.6, 0
384, 239.5, -4.6, 0	452, 264.64, 2.3, 0	520, 302.9, 4.6, 0
385, 240.5, -4.6, 0	453, 264.64, 0, 0	521, 328.9, 4.6, 0
386, 216.66, 4.6, 0	454, 264.64, -2.3, 0	522, 329.8, 4.6, 0
387, 216.66, 2.3, 0	455, 264.64, -4.6, 0	523, 330.8, 4.6, 0
388, 216.66, 0, 0	456, 270.9, 0, 0	524, 301, -2.3, 0
389, 216.66, -2.3, 0	457, 271.9, 0, 0	525, 302, -2.3, 0
390, 216.66, -4.6, 0	458, 272.8, 0, 0	526, 302.9, -2.3, 0
391, 222.62, 4.6, 0	459, 298.8, 0, 0	527, 328.9, -2.3, 0
392, 222.62, 2.3, 0	460, 299.7, 0, 0	528, 329.8, -2.3, 0
393, 222.62, 0, 0	461, 300.7, 0, 0	529, 330.8, -2.3, 0
394, 222.62, -2.3, 0	462, 270.9, 2.3, 0	530, 301, -4.6, 0
395, 222.62, -4.6, 0	463, 271.9, 2.3, 0	531, 302, -4.6, 0
396, 228.58, 4.6, 0	464, 272.8, 2.3, 0	532, 302.9, -4.6, 0
397, 228.58, 2.3, 0	465, 298.8, 2.3, 0	533, 328.9, -4.6, 0
398, 228.58, 0, 0	466, 299.7, 2.3, 0	534, 329.8, -4.6, 0
399, 228.58, -2.3, 0	467, 300.7, 2.3, 0	535, 330.8, -4.6, 0
400, 228.58, -4.6, 0	468, 270.9, 4.6, 0	536, 306.96, 4.6, 0
401, 234.54, 4.6, 0	469, 271.9, 4.6, 0	537, 306.96, 2.3, 0
402, 234.54, 2.3, 0	470, 272.8, 4.6, 0	538, 306.96, 0, 0
403, 234.54, 0, 0	471, 298.8, 4.6, 0	539, 306.96, -2.3, 0
404, 234.54, -2.3, 0	472, 299.7, 4.6, 0	540, 306.96, -4.6, 0
405, 234.54, -4.6, 0	473, 300.7, 4.6, 0	541, 312.92, 4.6, 0
406, 240.8, 0, 0	474, 270.9, -2.3, 0	542, 312.92, 2.3, 0
407, 241.8, 0, 0	475, 271.9, -2.3, 0	543, 312.92, 0, 0
408, 242.7, 0, 0	476, 272.8, -2.3, 0	544, 312.92, -2.3, 0
409, 268.7, 0, 0	477, 298.8, -2.3, 0	545, 312.92, -4.6, 0
410, 269.6, 0, 0	478, 299.7, -2.3, 0	546, 318.88, 4.6, 0
411, 270.6, 0, 0	479, 300.7, -2.3, 0	547, 318.88, 2.3, 0
412, 240.8, 2.3, 0	480, 270.9, -4.6, 0	548, 318.88, 0, 0
413, 241.8, 2.3, 0	481, 271.9, -4.6, 0	549, 318.88, -2.3, 0
414, 242.7, 2.3, 0	482, 272.8, -4.6, 0	550, 318.88, -4.6, 0
415, 268.7, 2.3, 0	483, 298.8, -4.6, 0	551, 324.84, 4.6, 0
416, 269.6, 2.3, 0	484, 299.7, -4.6, 0	552, 324.84, 2.3, 0
417, 270.6, 2.3, 0	485, 300.7, -4.6, 0	553, 324.84, 0, 0
418, 240.8, 4.6, 0	486, 276.86, 4.6, 0	554, 324.84, -2.3, 0
419, 241.8, 4.6, 0	487, 276.86, 2.3, 0	555, 324.84, -4.6, 0
420, 242.7, 4.6, 0	488, 276.86, 0, 0	556, 331.1, 0, 0
421, 268.7, 4.6, 0	489, 276.86, -2.3, 0	557, 332.1, 0, 0
422, 269.6, 4.6, 0	490, 276.86, -4.6, 0	558, 333, 0, 0
423, 270.6, 4.6, 0	491, 282.82, 4.6, 0	559, 359, 0, 0
424, 240.8, -2.3, 0	492, 282.82, 2.3, 0	560, 359.9, 0, 0
425, 241.8, -2.3, 0	493, 282.82, 0, 0	561, 360.9, 0, 0
426, 242.7, -2.3, 0	494, 282.82, -2.3, 0	562, 331.1, 2.3, 0
427, 268.7, -2.3, 0	495, 282.82, -4.6, 0	563, 332.1, 2.3, 0
428, 269.6, -2.3, 0	496, 288.78, 4.6, 0	564, 333, 2.3, 0
429, 270.6, -2.3, 0	497, 288.78, 2.3, 0	565, 359, 2.3, 0
430, 240.8, -4.6, 0	498, 288.78, 0, 0	566, 359.9, 2.3, 0
431, 241.8, -4.6, 0	499, 288.78, -2.3, 0	567, 360.9, 2.3, 0
432, 242.7, -4.6, 0	500, 288.78, -4.6, 0	568, 331.1, 4.6, 0
433, 268.7, -4.6, 0	501, 294.74, 4.6, 0	569, 332.1, 4.6, 0
434, 269.6, -4.6, 0	502, 294.74, 2.3, 0	570, 333, 4.6, 0
435, 270.6, -4.6, 0	503, 294.74, 0, 0	571, 359, 4.6, 0
436, 246.76, 4.6, 0	504, 294.74, -2.3, 0	572, 359.9, 4.6, 0
437, 246.76, 2.3, 0	505, 294.74, -4.6, 0	573, 360.9, 4.6, 0
438, 246.76, 0, 0	506, 301, 0, 0	574, 331.1, -2.3, 0
439, 246.76, -2.3, 0	507, 302, 0, 0	575, 332.1, -2.3, 0
440, 246.76, -4.6, 0	508, 302.9, 0, 0	576, 333, -2.3, 0
441, 252.72, 4.6, 0	509, 328.9, 0, 0	577, 359, -2.3, 0
442, 252.72, 2.3, 0	510, 329.8, 0, 0	578, 359.9, -2.3, 0
443, 252.72, 0, 0	511, 330.8, 0, 0	579, 360.9, -2.3, 0
444, 252.72, -2.3, 0	512, 301, 2.3, 0	580, 331.1, -4.6, 0
445, 252.72, -4.6, 0	513, 302, 2.3, 0	581, 332.1, -4.6, 0
446, 258.68, 4.6, 0	514, 302.9, 2.3, 0	582, 333, -4.6, 0
447, 258.68, 2.3, 0	515, 328.9, 2.3, 0	583, 359, -4.6, 0
448, 258.68, 0, 0	516, 329.8, 2.3, 0	584, 359.9, -4.6, 0
449, 258.68, -2.3, 0	517, 330.8, 2.3, 0	585, 360.9, -4.6, 0

586, 337.06, 4.6, 0	654, 385.04, -2.3, 0	722, 450.2, 4.6, 0
587, 337.06, 2.3, 0	655, 385.04, -4.6, 0	723, 451.2, 4.6, 0
588, 337.06, 0, 0	656, 391.3, 0, 0	724, 421.4, -2.3, 0
589, 337.06, -2.3, 0	657, 392.3, 0, 0	725, 422.4, -2.3, 0
590, 337.06, -4.6, 0	658, 393.2, 0, 0	726, 423.3, -2.3, 0
591, 343.02, 4.6, 0	659, 419.2, 0, 0	727, 449.3, -2.3, 0
592, 343.02, 2.3, 0	660, 420.1, 0, 0	728, 450.2, -2.3, 0
593, 343.02, 0, 0	661, 421.1, 0, 0	729, 451.2, -2.3, 0
594, 343.02, -2.3, 0	662, 391.3, 2.3, 0	730, 421.4, -4.6, 0
595, 343.02, -4.6, 0	663, 392.3, 2.3, 0	731, 422.4, -4.6, 0
596, 348.98, 4.6, 0	664, 393.2, 2.3, 0	732, 423.3, -4.6, 0
597, 348.98, 2.3, 0	665, 419.2, 2.3, 0	733, 449.3, -4.6, 0
598, 348.98, 0, 0	666, 420.1, 2.3, 0	734, 450.2, -4.6, 0
599, 348.98, -2.3, 0	667, 421.1, 2.3, 0	735, 451.2, -4.6, 0
600, 348.98, -4.6, 0	668, 391.3, 4.6, 0	736, 427.36, 4.6, 0
601, 354.94, 4.6, 0	669, 392.3, 4.6, 0	737, 427.36, 2.3, 0
602, 354.94, 2.3, 0	670, 393.2, 4.6, 0	738, 427.36, 0, 0
603, 354.94, 0, 0	671, 419.2, 4.6, 0	739, 427.36, -2.3, 0
604, 354.94, -2.3, 0	672, 420.1, 4.6, 0	740, 427.36, -4.6, 0
605, 354.94, -4.6, 0	673, 421.1, 4.6, 0	741, 433.32, 4.6, 0
606, 361.2, 0, 0	674, 391.3, -2.3, 0	742, 433.32, 2.3, 0
607, 362.2, 0, 0	675, 392.3, -2.3, 0	743, 433.32, 0, 0
608, 363.1, 0, 0	676, 393.2, -2.3, 0	744, 433.32, -2.3, 0
609, 389.1, 0, 0	677, 419.2, -2.3, 0	745, 433.32, -4.6, 0
610, 390, 0, 0	678, 420.1, -2.3, 0	746, 439.28, 4.6, 0
611, 391, 0, 0	679, 421.1, -2.3, 0	747, 439.28, 2.3, 0
612, 361.2, 2.3, 0	680, 391.3, -4.6, 0	748, 439.28, 0, 0
613, 362.2, 2.3, 0	681, 392.3, -4.6, 0	749, 439.28, -2.3, 0
614, 363.1, 2.3, 0	682, 393.2, -4.6, 0	750, 439.28, -4.6, 0
615, 389.1, 2.3, 0	683, 419.2, -4.6, 0	751, 445.24, 4.6, 0
616, 390, 2.3, 0	684, 420.1, -4.6, 0	752, 445.24, 2.3, 0
617, 391, 2.3, 0	685, 421.1, -4.6, 0	753, 445.24, 0, 0
618, 361.2, 4.6, 0	686, 397.26, 4.6, 0	754, 445.24, -2.3, 0
619, 362.2, 4.6, 0	687, 397.26, 2.3, 0	755, 445.24, -4.6, 0
620, 363.1, 4.6, 0	688, 397.26, 0, 0	756, 451.5, 0, 0
621, 389.1, 4.6, 0	689, 397.26, -2.3, 0	757, 452.5, 0, 0
622, 390, 4.6, 0	690, 397.26, -4.6, 0	758, 453.4, 0, 0
623, 391, 4.6, 0	691, 403.22, 4.6, 0	759, 479.4, 0, 0
624, 361.2, -2.3, 0	692, 403.22, 2.3, 0	760, 480.3, 0, 0
625, 362.2, -2.3, 0	693, 403.22, 0, 0	761, 481.3, 0, 0
626, 363.1, -2.3, 0	694, 403.22, -2.3, 0	762, 451.5, 2.3, 0
627, 389.1, -2.3, 0	695, 403.22, -4.6, 0	763, 452.5, 2.3, 0
628, 390, -2.3, 0	696, 409.18, 4.6, 0	764, 453.4, 2.3, 0
629, 391, -2.3, 0	697, 409.18, 2.3, 0	765, 479.4, 2.3, 0
630, 361.2, -4.6, 0	698, 409.18, 0, 0	766, 480.3, 2.3, 0
631, 362.2, -4.6, 0	699, 409.18, -2.3, 0	767, 481.3, 2.3, 0
632, 363.1, -4.6, 0	700, 409.18, -4.6, 0	768, 451.5, 4.6, 0
633, 389.1, -4.6, 0	701, 415.14, 4.6, 0	769, 452.5, 4.6, 0
634, 390, -4.6, 0	702, 415.14, 2.3, 0	770, 453.4, 4.6, 0
635, 391, -4.6, 0	703, 415.14, 0, 0	771, 479.4, 4.6, 0
636, 367.16, 4.6, 0	704, 415.14, -2.3, 0	772, 480.3, 4.6, 0
637, 367.16, 2.3, 0	705, 415.14, -4.6, 0	773, 481.3, 4.6, 0
638, 367.16, 0, 0	706, 421.4, 0, 0	774, 451.5, -2.3, 0
639, 367.16, -2.3, 0	707, 422.4, 0, 0	775, 452.5, -2.3, 0
640, 367.16, -4.6, 0	708, 423.3, 0, 0	776, 453.4, -2.3, 0
641, 373.12, 4.6, 0	709, 449.3, 0, 0	777, 479.4, -2.3, 0
642, 373.12, 2.3, 0	710, 450.2, 0, 0	778, 480.3, -2.3, 0
643, 373.12, 0, 0	711, 451.2, 0, 0	779, 481.3, -2.3, 0
644, 373.12, -2.3, 0	712, 421.4, 2.3, 0	780, 451.5, -4.6, 0
645, 373.12, -4.6, 0	713, 422.4, 2.3, 0	781, 452.5, -4.6, 0
646, 379.08, 4.6, 0	714, 423.3, 2.3, 0	782, 453.4, -4.6, 0
647, 379.08, 2.3, 0	715, 449.3, 2.3, 0	783, 479.4, -4.6, 0
648, 379.08, 0, 0	716, 450.2, 2.3, 0	784, 480.3, -4.6, 0
649, 379.08, -2.3, 0	717, 451.2, 2.3, 0	785, 481.3, -4.6, 0
650, 379.08, -4.6, 0	718, 421.4, 4.6, 0	786, 457.46, 4.6, 0
651, 385.04, 4.6, 0	719, 422.4, 4.6, 0	787, 457.46, 2.3, 0
652, 385.04, 2.3, 0	720, 423.3, 4.6, 0	788, 457.46, 0, 0
653, 385.04, 0, 0	721, 449.3, 4.6, 0	789, 457.46, -2.3, 0

790, 457.46, -4.6, 0
791, 463.42, 4.6, 0
792, 463.42, 2.3, 0
793, 463.42, 0, 0
794, 463.42, -2.3, 0
795, 463.42, -4.6, 0
796, 469.38, 4.6, 0
797, 469.38, 2.3, 0
798, 469.38, 0, 0
799, 469.38, -2.3, 0
800, 469.38, -4.6, 0
801, 475.34, 4.6, 0
802, 475.34, 2.3, 0
803, 475.34, 0, 0
804, 475.34, -2.3, 0
805, 475.34, -4.6, 0
806, 481.6, 0, 0
807, 482.6, 0, 0
808, 483.5, 0, 0
809, 509.5, 0, 0
810, 510.4, 0, 0
811, 511.4, 0, 0
812, 481.6, 2.3, 0
813, 482.6, 2.3, 0
814, 483.5, 2.3, 0
815, 509.5, 2.3, 0
816, 510.4, 2.3, 0
817, 511.4, 2.3, 0
818, 481.6, 4.6, 0
819, 482.6, 4.6, 0
820, 483.5, 4.6, 0
821, 509.5, 4.6, 0
822, 510.4, 4.6, 0
823, 511.4, 4.6, 0
824, 481.6, -2.3, 0
825, 482.6, -2.3, 0
826, 483.5, -2.3, 0
827, 509.5, -2.3, 0
828, 510.4, -2.3, 0
829, 511.4, -2.3, 0
830, 481.6, -4.6, 0
831, 482.6, -4.6, 0
832, 483.5, -4.6, 0
833, 509.5, -4.6, 0
834, 510.4, -4.6, 0
835, 511.4, -4.6, 0
836, 487.56, 4.6, 0
837, 487.56, 2.3, 0
838, 487.56, 0, 0
839, 487.56, -2.3, 0
840, 487.56, -4.6, 0
841, 493.52, 4.6, 0
842, 493.52, 2.3, 0
843, 493.52, 0, 0
844, 493.52, -2.3, 0
845, 493.52, -4.6, 0
846, 499.48, 4.6, 0
847, 499.48, 2.3, 0
848, 499.48, 0, 0
849, 499.48, -2.3, 0
850, 499.48, -4.6, 0
851, 505.44, 4.6, 0
852, 505.44, 2.3, 0
853, 505.44, 0, 0
854, 505.44, -2.3, 0
855, 505.44, -4.6, 0
856, 511.7, 0, 0
857, 512.7, 0, 0

858, 513.6, 0, 0
859, 539.6, 0, 0
860, 540.5, 0, 0
861, 541.5, 0, 0
862, 511.7, 2.3, 0
863, 512.7, 2.3, 0
864, 513.6, 2.3, 0
865, 539.6, 2.3, 0
866, 540.5, 2.3, 0
867, 541.5, 2.3, 0
868, 511.7, 4.6, 0
869, 512.7, 4.6, 0
870, 513.6, 4.6, 0
871, 539.6, 4.6, 0
872, 540.5, 4.6, 0
873, 541.5, 4.6, 0
874, 511.7, -2.3, 0
875, 512.7, -2.3, 0
876, 513.6, -2.3, 0
877, 539.6, -2.3, 0
878, 540.5, -2.3, 0
879, 541.5, -2.3, 0
880, 511.7, -4.6, 0
881, 512.7, -4.6, 0
882, 513.6, -4.6, 0
883, 539.6, -4.6, 0
884, 540.5, -4.6, 0
885, 541.5, -4.6, 0
886, 517.66, 4.6, 0
887, 517.66, 2.3, 0
888, 517.66, 0, 0
889, 517.66, -2.3, 0
890, 517.66, -4.6, 0
891, 523.62, 4.6, 0
892, 523.62, 2.3, 0
893, 523.62, 0, 0
894, 523.62, -2.3, 0
895, 523.62, -4.6, 0
896, 529.58, 4.6, 0
897, 529.58, 2.3, 0
898, 529.58, 0, 0
899, 529.58, -2.3, 0
900, 529.58, -4.6, 0
901, 535.54, 4.6, 0
902, 535.54, 2.3, 0
903, 535.54, 0, 0
904, 535.54, -2.3, 0
905, 535.54, -4.6, 0
906, 28.8, 0, 0
907, 0, 2.3, 0
908, 1.9, 2.3, 0
910, 1, 0, 0
911, 27.9, -2.3, 0
912, 29.8, -2.3, 0
913, 1, -4.6, 0
914, 1.9, -2.3, 0
915, 0, -2.3, 0
916, 17.88, 4.6, 0
917, 17.88, 0, 0
918, 17.88, -4.6, 0
919, 11.92, -2.3, 0
920, 11.92, 2.3, 0
921, 58.9, 2.3, 0
922, 30.1, 4.6, 0
923, 32, 4.6, 0
924, 32, 2.3, 0
925, 30.1, 2.3, 0
926, 36.06, 4.6, 0

927, 36.06, 0, 0
928, 36.06, -4.6, 0
929, 58.9, -4.6, 0
930, 32, -4.6, 0
931, 60.2, 0, 0
932, 62.1, 0, 0
933, 89, 0, 0
934, 53.94, -2.3, 0
935, 53.94, 2.3, 0
936, 62.1, -2.3, 0
937, 89, -2.3, 0
938, 60.2, -4.6, 0
939, 60.2, -2.3, 0
940, 89, 4.6, 0
941, 78.08, 4.6, 0
942, 78.08, 0, 0
943, 78.08, -4.6, 0
944, 72.12, -2.3, 0
945, 72.12, 2.3, 0
946, 119.1, 2.3, 0
947, 90.3, 4.6, 0
948, 92.2, 4.6, 0
949, 92.2, 2.3, 0
950, 90.3, 2.3, 0
951, 96.26, 4.6, 0
952, 96.26, 0, 0
953, 96.26, -4.6, 0
954, 119.1, -4.6, 0
955, 92.2, -4.6, 0
956, 120.4, 0, 0
957, 122.3, 0, 0
958, 149.2, 0, 0
959, 114.14, -2.3, 0
960, 114.14, 2.3, 0
961, 122.3, -2.3, 0
962, 149.2, -2.3, 0
963, 120.4, -4.6, 0
964, 120.4, -2.3, 0
965, 149.2, 4.6, 0
966, 138.28, 4.6, 0
967, 138.28, 0, 0
968, 138.28, -4.6, 0
969, 132.32, -2.3, 0
970, 132.32, 2.3, 0
971, 179.3, 2.3, 0
972, 150.5, 4.6, 0
973, 152.4, 4.6, 0
974, 152.4, 2.3, 0
975, 150.5, 2.3, 0
976, 156.46, 4.6, 0
977, 156.46, 0, 0
978, 156.46, -4.6, 0
979, 179.3, -4.6, 0
980, 152.4, -4.6, 0
981, 180.6, 0, 0
982, 182.5, 0, 0
983, 209.4, 0, 0
984, 174.34, -2.3, 0
985, 174.34, 2.3, 0
986, 182.5, -2.3, 0
987, 209.4, -2.3, 0
988, 180.6, -4.6, 0
989, 180.6, -2.3, 0
990, 209.4, 4.6, 0
991, 198.48, 4.6, 0
992, 198.48, 0, 0
993, 198.48, -4.6, 0
994, 192.52, -2.3, 0

995, 192.52, 2.3, 0	1065, 179.3, 4.6, 0	30038, 23.84, 0, 0
996, 1, 4.6, 0	1066, 168.38, 4.6, 0	30039, 31.1, 2.3, 0
998, 28.8, 4.6, 0	1067, 168.38, 0, 0	30040, 59.9, 4.6, 0
999, 29.8, 2.3, 0	1068, 168.38, -4.6, 0	30041, 58, -4.6, 0
1000, 27.9, 2.3, 0	1069, 162.42, -2.3, 0	30042, 42.02, 0, 0
1001, 5.96, 4.6, 0	1070, 162.42, 2.3, 0	30043, 53.94, 0, 0
1002, 5.96, 0, 0	1071, 209.4, 2.3, 0	30044, 61.2, 2.3, 0
1003, 5.96, -4.6, 0	1072, 180.6, 4.6, 0	30045, 90, 4.6, 0
1004, 28.8, -4.6, 0	1073, 182.5, 4.6, 0	30046, 88.1, -4.6, 0
1006, 30.1, 0, 0	1074, 182.5, 2.3, 0	30047, 72.12, 0, 0
1007, 32, 0, 0	1075, 180.6, 2.3, 0	30048, 84.04, 0, 0
1008, 58.9, 0, 0	1076, 186.56, 4.6, 0	30049, 91.3, 2.3, 0
1009, 23.84, -2.3, 0	1077, 186.56, 0, 0	30050, 120.1, 4.6, 0
1010, 23.84, 2.3, 0	1078, 186.56, -4.6, 0	30051, 118.2, -4.6, 0
1011, 32, -2.3, 0	1079, 209.4, -4.6, 0	30052, 102.22, 0, 0
1012, 58.9, -2.3, 0	1080, 182.5, -4.6, 0	30053, 114.14, 0, 0
1013, 30.1, -4.6, 0	1086, 27.9, 0, 0	30054, 121.4, 2.3, 0
1014, 30.1, -2.3, 0	1087, 29.8, 0, 0	30055, 150.2, 4.6, 0
1015, 58.9, 4.6, 0	1088, 1, 2.3, 0	30056, 148.3, -4.6, 0
1016, 47.98, 4.6, 0	1089, 1.9, 0, 0	30057, 132.32, 0, 0
1017, 47.98, 0, 0	1090, 0, 0, 0	30058, 144.24, 0, 0
1018, 47.98, -4.6, 0	1261, 210.7, 0, 0	30059, 151.5, 2.3, 0
1019, 42.02, -2.3, 0	1262, 212.6, 0, 0	30060, 180.3, 4.6, 0
1020, 42.02, 2.3, 0	1263, 239.5, 0, 0	30061, 178.4, -4.6, 0
1021, 89, 2.3, 0	1264, 204.44, -2.3, 0	30062, 162.42, 0, 0
1022, 60.2, 4.6, 0	1265, 204.44, 2.3, 0	30063, 174.34, 0, 0
1023, 62.1, 4.6, 0	1266, 204.44, -4.6, 0	30064, 181.6, 2.3, 0
1024, 62.1, 2.3, 0	1267, 211.7, 0, 0	30065, 210.4, 4.6, 0
1025, 60.2, 2.3, 0	1268, 238.6, 0, 0	30066, 208.5, -4.6, 0
1026, 66.16, 4.6, 0	1269, 204.44, 0, 0	30067, 192.52, 0, 0
1027, 66.16, 0, 0	1270, 204.44, 4.6, 0	30068, 0, 4.6, 0
1028, 66.16, -4.6, 0	30001, 29.8, 4.6, 0	30070, 29.8, -4.6, 0
1029, 89, -4.6, 0	30002, 1.9, -4.6, 0	30071, 11.92, -4.6, 0
1030, 62.1, -4.6, 0	30003, 11.92, 4.6, 0	30072, 23.84, -4.6, 0
1031, 90.3, 0, 0	30004, 23.84, 4.6, 0	30073, 58, 2.3, 0
1032, 92.2, 0, 0	30005, 59.9, 0, 0	30074, 31.1, -2.3, 0
1033, 119.1, 0, 0	30006, 58, 4.6, 0	30075, 59.9, -4.6, 0
1034, 84.04, -2.3, 0	30007, 31.1, -4.6, 0	30076, 42.02, -4.6, 0
1035, 84.04, 2.3, 0	30008, 42.02, 4.6, 0	30077, 53.94, -4.6, 0
1036, 92.2, -2.3, 0	30009, 53.94, 4.6, 0	30078, 88.1, 2.3, 0
1037, 119.1, -2.3, 0	30010, 90, 0, 0	30079, 61.2, -2.3, 0
1038, 90.3, -4.6, 0	30011, 88.1, 4.6, 0	30080, 90, -4.6, 0
1039, 90.3, -2.3, 0	30012, 61.2, -4.6, 0	30081, 72.12, -4.6, 0
1040, 119.1, 4.6, 0	30013, 72.12, 4.6, 0	30082, 84.04, -4.6, 0
1041, 108.18, 4.6, 0	30014, 84.04, 4.6, 0	30083, 118.2, 2.3, 0
1042, 108.18, 0, 0	30015, 120.1, 0, 0	30084, 91.3, -2.3, 0
1043, 108.18, -4.6, 0	30016, 118.2, 4.6, 0	30085, 120.1, -4.6, 0
1044, 102.22, -2.3, 0	30017, 91.3, -4.6, 0	30086, 102.22, -4.6, 0
1045, 102.22, 2.3, 0	30018, 102.22, 4.6, 0	30087, 114.14, -4.6, 0
1046, 149.2, 2.3, 0	30019, 114.14, 4.6, 0	30088, 148.3, 2.3, 0
1047, 120.4, 4.6, 0	30020, 150.2, 0, 0	30089, 121.4, -2.3, 0
1048, 122.3, 4.6, 0	30021, 148.3, 4.6, 0	30090, 150.2, -4.6, 0
1049, 122.3, 2.3, 0	30022, 121.4, -4.6, 0	30091, 132.32, -4.6, 0
1050, 120.4, 2.3, 0	30023, 132.32, 4.6, 0	30092, 144.24, -4.6, 0
1051, 126.36, 4.6, 0	30024, 144.24, 4.6, 0	30093, 178.4, 2.3, 0
1052, 126.36, 0, 0	30025, 180.3, 0, 0	30094, 151.5, -2.3, 0
1053, 126.36, -4.6, 0	30026, 178.4, 4.6, 0	30095, 180.3, -4.6, 0
1054, 149.2, -4.6, 0	30027, 151.5, -4.6, 0	30096, 162.42, -4.6, 0
1055, 122.3, -4.6, 0	30028, 162.42, 4.6, 0	30097, 174.34, -4.6, 0
1056, 150.5, 0, 0	30029, 174.34, 4.6, 0	30098, 208.5, 2.3, 0
1057, 152.4, 0, 0	30030, 210.4, 0, 0	30099, 181.6, -2.3, 0
1058, 179.3, 0, 0	30031, 208.5, 4.6, 0	30100, 210.4, -4.6, 0
1059, 144.24, -2.3, 0	30032, 181.6, -4.6, 0	30101, 192.52, -4.6, 0
1060, 144.24, 2.3, 0	30033, 192.52, 4.6, 0	30102, 1.9, 4.6, 0
1061, 152.4, -2.3, 0	30034, 28.8, 2.3, 0	30103, 28.8, -2.3, 0
1062, 179.3, -2.3, 0	30035, 1, -2.3, 0	30104, 5.96, 2.3, 0
1063, 150.5, -4.6, 0	30036, 27.9, -4.6, 0	30105, 17.88, 2.3, 0
1064, 150.5, -2.3, 0	30037, 11.92, 0, 0	30106, 31.1, 0, 0

30107, 59.9, 2.3, 0
30108, 58, -2.3, 0
30109, 36.06, 2.3, 0
30110, 47.98, 2.3, 0
30111, 61.2, 0, 0
30112, 90, 2.3, 0
30113, 88.1, -2.3, 0
30114, 66.16, 2.3, 0
30115, 78.08, 2.3, 0
30116, 91.3, 0, 0
30117, 120.1, 2.3, 0
30118, 118.2, -2.3, 0
30119, 96.26, 2.3, 0
30120, 108.18, 2.3, 0
30121, 121.4, 0, 0
30122, 150.2, 2.3, 0
30123, 148.3, -2.3, 0
30124, 126.36, 2.3, 0
30125, 138.28, 2.3, 0
30126, 151.5, 0, 0
30127, 180.3, 2.3, 0
30128, 178.4, -2.3, 0
30129, 156.46, 2.3, 0
30130, 168.38, 2.3, 0
30131, 181.6, 0, 0
30132, 210.4, 2.3, 0
30133, 208.5, -2.3, 0
30134, 186.56, 2.3, 0
30135, 198.48, 2.3, 0
30136, 27.9, 4.6, 0
30137, 0, -4.6, 0
30138, 5.96, -2.3, 0
30139, 17.88, -2.3, 0
30140, 58, 0, 0
30141, 31.1, 4.6, 0
30142, 59.9, -2.3, 0
30143, 36.06, -2.3, 0
30144, 47.98, -2.3, 0
30145, 88.1, 0, 0
30146, 61.2, 4.6, 0
30147, 90, -2.3, 0
30148, 66.16, -2.3, 0
30149, 78.08, -2.3, 0
30150, 118.2, 0, 0
30151, 91.3, 4.6, 0
30152, 120.1, -2.3, 0
30153, 96.26, -2.3, 0
30154, 108.18, -2.3, 0
30155, 148.3, 0, 0
30156, 121.4, 4.6, 0
30157, 150.2, -2.3, 0
30158, 126.36, -2.3, 0
30159, 138.28, -2.3, 0
30160, 178.4, 0, 0
30161, 151.5, 4.6, 0
30162, 180.3, -2.3, 0
30163, 156.46, -2.3, 0
30164, 168.38, -2.3, 0
30165, 208.5, 0, 0
30166, 181.6, 4.6, 0
30167, 210.4, -2.3, 0
30168, 186.56, -2.3, 0
30169, 198.48, -2.3, 0
30170, 29.95, 0, -0.4
30171, 60.05, 0, -0.4
30172, 90.15, 0, -0.4
30173, 120.25, 0, -0.4
30174, 150.35, 0, -0.4

30175, 180.45, 0, -0.4
30176, 210.55, 0, -0.4
30177, 240.65, 0, -0.4
30178, 270.75, 0, -0.4
30179, 300.85, 0, -0.4
30180, 330.95, 0, -0.4
30181, 361.05, 0, -0.4
30182, 391.15, 0, -0.4
30183, 421.25, 0, -0.4
30184, 451.35, 0, -0.4
30185, 481.45, 0, -0.4
30186, 511.55, 0, -0.4
30187, 29.95, 0, -1.95
30188, 60.05, 0, -1.95
30189, 90.15, 0, -1.95
30190, 120.25, 0, -1.95
30191, 150.35, 0, -1.95
30192, 180.45, 0, -1.95
30193, 210.55, 0, -1.95
30194, 240.65, 0, -1.95
30195, 270.75, 0, -1.95
30196, 300.85, 0, -1.95
30197, 330.95, 0, -1.95
30198, 361.05, 0, -1.95
30199, 391.15, 0, -1.95
30200, 421.25, 0, -1.95
30201, 451.35, 0, -1.95
30202, 481.45, 0, -1.95
30203, 511.55, 0, -1.95
30204, 29.95, 0, -3.15
30205, 60.05, 0, -3.15
30206, 90.15, 0, -3.15
30207, 120.25, 0, -3.15
30208, 150.35, 0, -3.15
30209, 180.45, 0, -3.15
30210, 210.55, 0, -3.15
30211, 240.65, 0, -3.15
30212, 270.75, 0, -3.15
30213, 300.85, 0, -3.15
30214, 330.95, 0, -3.15
30215, 361.05, 0, -3.15
30216, 391.15, 0, -3.15
30217, 421.25, 0, -3.15
30218, 451.35, 0, -3.15
30219, 481.45, 0, -3.15
30220, 511.55, 0, -3.15
30221, 29.95, 0, -12.1
30222, 60.05, 0, -12.1
30223, 90.15, 0, -12.1
30224, 120.25, 0, -12.1
30225, 150.35, 0, -11.7
30226, 180.45, 0, -11.7
30227, 210.55, 0, -11.7
30228, 240.65, 0, -11.7
30229, 270.75, 0, -9.7
30230, 300.85, 0, -9.7
30231, 330.95, 0, -9.7
30232, 361.05, 0, -9.7
30233, 391.15, 0, -9.7
30237, 421.25, 0, -9.7
30238, 451.35, 0, -7.4
30239, 481.45, 0, -8.4
30240, 511.55, 0, -6.4
30241, 29.95, 0, -6.133333333333333
30242, 29.95, 0, -9.116666666666667
30243, 60.05, 0, -6.133333333333333
30244, 60.05, 0, -9.116666666666667
30245, 90.15, 0, -6.133333333333333

30246, 90.15, 0, -9.116666666666667
30247, 120.25, 0, -6.133333333333333
30248, 120.25, 0, -9.116666666666667
30249, 150.35, 0, -6
30250, 150.35, 0, -8.85
30251, 180.45, 0, -6
30252, 180.45, 0, -8.85
30253, 210.55, 0, -6
30254, 210.55, 0, -8.85
30255, 240.65, 0, -6
30256, 240.65, 0, -8.85
30257, 270.75, 0, -5.333333333333333
30258, 270.75, 0, -7.516666666666667
30259, 300.85, 0, -5.333333333333333
30260, 300.85, 0, -7.516666666666667
30261, 330.95, 0, -5.333333333333333
30262, 330.95, 0, -7.516666666666667
30263, 361.05, 0, -5.333333333333333
30264, 361.05, 0, -7.516666666666667
30265, 391.15, 0, -5.333333333333333
30266, 391.15, 0, -7.516666666666667
30267, 421.25, 0, -5.333333333333333
30268, 421.25, 0, -7.516666666666667
30269, 451.35, 0, -4.566666666666667
30270, 451.35, 0, -5.983333333333333
30271, 481.45, 0, -4.9
30272, 481.45, 0, -6.65
30273, 511.55, 0, -4.233333333333333
30274, 511.55, 0, -5.316666666666667
*ELEMENT ; Elements
; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE,
iSUB, EXVAL, iOPT(EXVAL2) ; Frame
Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, ANGLE,
iSUB, EXVAL, EXVAL2, bLMT ; Comp/Tens
Truss
; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4,
iSUB, iWID ; Planar Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, iN3, iN4,
iN5, iN6, iN7, iN8 ; Solid Element
; iEL, TYPE, iMAT, iPRO, iN1, iN2, REF, RPX,
RPY, RPZ, iSUB, EXVAL ; Frame(Ref. Point)
1, BEAM , 1, 2, 1090, 6,
0
2, BEAM , 1, 3, 1089, 910,
0
5, BEAM , 1, 3, 1086, 906,
0
6, BEAM , 1, 2, 906, 16,
0
7, BEAM , 1, 2, 907, 8,
0
8, BEAM , 1, 3, 908, 1088,
0
11, BEAM , 1, 3, 1000, 30034,
0
12, BEAM , 1, 2, 30034, 18,
0
13, BEAM , 1, 2, 30068, 10,
0
14, BEAM , 1, 3, 30102, 996,
0
17, BEAM , 1, 3, 30136, 998,
0
18, BEAM , 1, 2, 998, 20,
0
19, BEAM , 1, 2, 915, 4,
0

20, BEAM , 1, 3, 914, 30035, 0	58, BEAM , 4, 4, 910, 1088, 0	92, BEAM , 1, 2, 1014, 24, 0
23, BEAM , 1, 3, 911, 30103, 0	59, BEAM , 4, 4, 1088, 996, 0	93, BEAM , 1, 3, 1011, 30074, 0
24, BEAM , 1, 2, 30103, 14, 0	60, BEAM , 4, 4, 1003, 30138, 0	94, BEAM , 1, 3, 30108, 1012, 0
25, BEAM , 1, 2, 30137, 2, 0	61, BEAM , 4, 4, 30138, 1002, 0	95, BEAM , 1, 2, 1012, 34, 0
26, BEAM , 1, 3, 30002, 913, 0	62, BEAM , 4, 4, 1002, 30104, 0	96, BEAM , 1, 2, 1013, 22, 0
29, BEAM , 1, 3, 30036, 1004, 0	63, BEAM , 4, 4, 30104, 1001, 0	97, BEAM , 1, 3, 930, 30007, 0
30, BEAM , 1, 2, 1004, 12, 0	64, BEAM , 4, 4, 30071, 919, 0	98, BEAM , 1, 3, 30041, 929, 0
31, BEAM , 1, 1, 30102, 1001, 0	65, BEAM , 4, 4, 919, 30037, 0	99, BEAM , 1, 2, 929, 32, 0
32, BEAM , 1, 1, 908, 30104, 0	66, BEAM , 4, 4, 30037, 920, 0	100, BEAM , 1, 1, 923, 926, 0
33, BEAM , 1, 1, 1089, 1002, 0	67, BEAM , 4, 4, 920, 30003, 0	101, BEAM , 1, 1, 924, 30109, 0
34, BEAM , 1, 1, 914, 30138, 0	68, BEAM , 4, 4, 918, 30139, 0	102, BEAM , 1, 1, 1007, 927, 0
35, BEAM , 1, 1, 30002, 1003, 0	69, BEAM , 4, 4, 30139, 917, 0	103, BEAM , 1, 1, 1011, 30143, 0
36, BEAM , 1, 1, 1001, 30003, 0	70, BEAM , 4, 4, 917, 30105, 0	104, BEAM , 1, 1, 930, 928, 0
37, BEAM , 1, 1, 30104, 920, 0	71, BEAM , 4, 4, 30105, 916, 0	105, BEAM , 1, 1, 926, 30008, 0
38, BEAM , 1, 1, 1002, 30037, 0	72, BEAM , 4, 4, 30072, 1009, 0	106, BEAM , 1, 1, 30109, 1020, 0
39, BEAM , 1, 1, 30138, 919, 0	73, BEAM , 4, 4, 1009, 30038, 0	107, BEAM , 1, 1, 927, 30042, 0
40, BEAM , 1, 1, 1003, 30071, 0	74, BEAM , 4, 4, 30038, 1010, 0	108, BEAM , 1, 1, 30143, 1019, 0
41, BEAM , 1, 1, 30003, 916, 0	75, BEAM , 4, 4, 1010, 30004, 0	109, BEAM , 1, 1, 928, 30076, 0
42, BEAM , 1, 1, 920, 30105, 0	76, BEAM , 4, 4, 1004, 30103, 0	110, BEAM , 1, 1, 30008, 1016, 0
43, BEAM , 1, 1, 30037, 917, 0	77, BEAM , 4, 4, 30103, 906, 0	111, BEAM , 1, 1, 1020, 30110, 0
44, BEAM , 1, 1, 919, 30139, 0	78, BEAM , 4, 4, 906, 30034, 0	112, BEAM , 1, 1, 30042, 1017, 0
45, BEAM , 1, 1, 30071, 918, 0	79, BEAM , 4, 4, 30034, 998, 0	113, BEAM , 1, 1, 1019, 30144, 0
46, BEAM , 1, 1, 916, 30004, 0	80, BEAM , 1, 2, 1006, 26, 0	114, BEAM , 1, 1, 30076, 1018, 0
47, BEAM , 1, 1, 30105, 1010, 0	81, BEAM , 1, 3, 1007, 30106, 0	115, BEAM , 1, 1, 1016, 30009, 0
48, BEAM , 1, 1, 917, 30038, 0	82, BEAM , 1, 3, 30140, 1008, 0	116, BEAM , 1, 1, 30110, 935, 0
49, BEAM , 1, 1, 30139, 1009, 0	83, BEAM , 1, 2, 1008, 36, 0	117, BEAM , 1, 1, 1017, 30043, 0
50, BEAM , 1, 1, 918, 30072, 0	84, BEAM , 1, 2, 925, 28, 0	118, BEAM , 1, 1, 30144, 934, 0
51, BEAM , 1, 1, 30004, 30136, 0	85, BEAM , 1, 3, 924, 30039, 0	119, BEAM , 1, 1, 1018, 30077, 0
52, BEAM , 1, 1, 1010, 1000, 0	86, BEAM , 1, 3, 30073, 921, 0	120, BEAM , 1, 1, 30009, 30006, 0
53, BEAM , 1, 1, 30038, 1086, 0	87, BEAM , 1, 2, 921, 38, 0	121, BEAM , 1, 1, 935, 30073, 0
54, BEAM , 1, 1, 1009, 911, 0	88, BEAM , 1, 2, 922, 30, 0	122, BEAM , 1, 1, 30043, 30140, 0
55, BEAM , 1, 1, 30072, 30036, 0	89, BEAM , 1, 3, 923, 30141, 0	123, BEAM , 1, 1, 934, 30108, 0
56, BEAM , 4, 4, 913, 30035, 0	90, BEAM , 1, 3, 30006, 1015, 0	124, BEAM , 1, 1, 30077, 30041, 0
57, BEAM , 4, 4, 30035, 910, 0	91, BEAM , 1, 2, 1015, 40, 0	125, BEAM , 4, 4, 30007, 30074, 0

126, BEAM , 4, 4, 30074, 30106, 0	160, BEAM , 1, 2, 940, 60, 0	194, BEAM , 4, 4, 30012, 30079, 0
127, BEAM , 4, 4, 30106, 30039, 0	161, BEAM , 1, 2, 939, 44, 0	195, BEAM , 4, 4, 30079, 30111, 0
128, BEAM , 4, 4, 30039, 30141, 0	162, BEAM , 1, 3, 936, 30079, 0	196, BEAM , 4, 4, 30111, 30044, 0
129, BEAM , 4, 4, 928, 30143, 0	163, BEAM , 1, 3, 30113, 937, 0	197, BEAM , 4, 4, 30044, 30146, 0
130, BEAM , 4, 4, 30143, 927, 0	164, BEAM , 1, 2, 937, 54, 0	198, BEAM , 4, 4, 1028, 30148, 0
131, BEAM , 4, 4, 927, 30109, 0	165, BEAM , 1, 2, 938, 42, 0	199, BEAM , 4, 4, 30148, 1027, 0
132, BEAM , 4, 4, 30109, 926, 0	166, BEAM , 1, 3, 1030, 30012, 0	200, BEAM , 4, 4, 1027, 30114, 0
133, BEAM , 4, 4, 30076, 1019, 0	167, BEAM , 1, 3, 30046, 1029, 0	201, BEAM , 4, 4, 30114, 1026, 0
134, BEAM , 4, 4, 1019, 30042, 0	168, BEAM , 1, 2, 1029, 52, 0	202, BEAM , 4, 4, 30081, 944, 0
135, BEAM , 4, 4, 30042, 1020, 0	169, BEAM , 1, 1, 1023, 1026, 0	203, BEAM , 4, 4, 944, 30047, 0
136, BEAM , 4, 4, 1020, 30008, 0	170, BEAM , 1, 1, 1024, 30114, 0	204, BEAM , 4, 4, 30047, 945, 0
137, BEAM , 4, 4, 1018, 30144, 0	171, BEAM , 1, 1, 932, 1027, 0	205, BEAM , 4, 4, 945, 30013, 0
138, BEAM , 4, 4, 30144, 1017, 0	172, BEAM , 1, 1, 936, 30148, 0	206, BEAM , 4, 4, 943, 30149, 0
139, BEAM , 4, 4, 1017, 30110, 0	173, BEAM , 1, 1, 1030, 1028, 0	207, BEAM , 4, 4, 30149, 942, 0
140, BEAM , 4, 4, 30110, 1016, 0	174, BEAM , 1, 1, 1026, 30013, 0	208, BEAM , 4, 4, 942, 30115, 0
141, BEAM , 4, 4, 30077, 934, 0	175, BEAM , 1, 1, 30114, 945, 0	209, BEAM , 4, 4, 30115, 941, 0
142, BEAM , 4, 4, 934, 30043, 0	176, BEAM , 1, 1, 1027, 30047, 0	210, BEAM , 4, 4, 30082, 1034, 0
143, BEAM , 4, 4, 30043, 935, 0	177, BEAM , 1, 1, 30148, 944, 0	211, BEAM , 4, 4, 1034, 30048, 0
144, BEAM , 4, 4, 935, 30009, 0	178, BEAM , 1, 1, 1028, 30081, 0	212, BEAM , 4, 4, 30048, 1035, 0
145, BEAM , 4, 4, 929, 1012, 0	179, BEAM , 1, 1, 30013, 941, 0	213, BEAM , 4, 4, 1035, 30014, 0
146, BEAM , 4, 4, 1012, 1008, 0	180, BEAM , 1, 1, 945, 30115, 0	214, BEAM , 4, 4, 1029, 937, 0
147, BEAM , 4, 4, 1008, 921, 0	181, BEAM , 1, 1, 30047, 942, 0	215, BEAM , 4, 4, 937, 933, 0
148, BEAM , 4, 4, 921, 1015, 0	182, BEAM , 1, 1, 944, 30149, 0	216, BEAM , 4, 4, 933, 1021, 0
149, BEAM , 1, 2, 931, 46, 0	183, BEAM , 1, 1, 30081, 943, 0	217, BEAM , 4, 4, 1021, 940, 0
150, BEAM , 1, 3, 932, 30111, 0	184, BEAM , 1, 1, 941, 30014, 0	218, BEAM , 1, 2, 1031, 66, 0
151, BEAM , 1, 3, 30145, 933, 0	185, BEAM , 1, 1, 30115, 1035, 0	219, BEAM , 1, 3, 1032, 30116, 0
152, BEAM , 1, 2, 933, 56, 0	186, BEAM , 1, 1, 942, 30048, 0	220, BEAM , 1, 3, 30150, 1033, 0
153, BEAM , 1, 2, 1025, 48, 0	187, BEAM , 1, 1, 30149, 1034, 0	221, BEAM , 1, 2, 1033, 76, 0
154, BEAM , 1, 3, 1024, 30044, 0	188, BEAM , 1, 1, 943, 30082, 0	222, BEAM , 1, 2, 950, 68, 0
155, BEAM , 1, 3, 30078, 1021, 0	189, BEAM , 1, 1, 30014, 30011, 0	223, BEAM , 1, 3, 949, 30049, 0
156, BEAM , 1, 2, 1021, 58, 0	190, BEAM , 1, 1, 1035, 30078, 0	224, BEAM , 1, 3, 30083, 946, 0
157, BEAM , 1, 2, 1022, 50, 0	191, BEAM , 1, 1, 30048, 30145, 0	225, BEAM , 1, 2, 946, 78, 0
158, BEAM , 1, 3, 1023, 30146, 0	192, BEAM , 1, 1, 1034, 30113, 0	226, BEAM , 1, 2, 947, 70, 0
159, BEAM , 1, 3, 30011, 940, 0	193, BEAM , 1, 1, 30082, 30046, 0	227, BEAM , 1, 3, 948, 30151, 0

228, BEAM , 1, 3, 30016, 1040, 0	262, BEAM , 1, 1, 30087, 30051, 0	296, BEAM , 1, 3, 1048, 30156, 0
229, BEAM , 1, 2, 1040, 80, 0	263, BEAM , 4, 4, 30017, 30084, 0	297, BEAM , 1, 3, 30021, 965, 0
230, BEAM , 1, 2, 1039, 64, 0	264, BEAM , 4, 4, 30084, 30116, 0	298, BEAM , 1, 2, 965, 100, 0
231, BEAM , 1, 3, 1036, 30084, 0	265, BEAM , 4, 4, 30116, 30049, 0	299, BEAM , 1, 2, 964, 84, 0
232, BEAM , 1, 3, 30118, 1037, 0	266, BEAM , 4, 4, 30049, 30151, 0	300, BEAM , 1, 3, 961, 30089, 0
233, BEAM , 1, 2, 1037, 74, 0	267, BEAM , 4, 4, 953, 30153, 0	301, BEAM , 1, 3, 30123, 962, 0
234, BEAM , 1, 2, 1038, 62, 0	268, BEAM , 4, 4, 30153, 952, 0	302, BEAM , 1, 2, 962, 94, 0
235, BEAM , 1, 3, 955, 30017, 0	269, BEAM , 4, 4, 952, 30119, 0	303, BEAM , 1, 2, 963, 82, 0
236, BEAM , 1, 3, 30051, 954, 0	270, BEAM , 4, 4, 30119, 951, 0	304, BEAM , 1, 3, 1055, 30022, 0
237, BEAM , 1, 2, 954, 72, 0	271, BEAM , 4, 4, 30086, 1044, 0	305, BEAM , 1, 3, 30056, 1054, 0
238, BEAM , 1, 1, 948, 951, 0	272, BEAM , 4, 4, 1044, 30052, 0	306, BEAM , 1, 2, 1054, 92, 0
239, BEAM , 1, 1, 949, 30119, 0	273, BEAM , 4, 4, 30052, 1045, 0	307, BEAM , 1, 1, 1048, 1051, 0
240, BEAM , 1, 1, 1032, 952, 0	274, BEAM , 4, 4, 1045, 30018, 0	308, BEAM , 1, 1, 1049, 30124, 0
241, BEAM , 1, 1, 1036, 30153, 0	275, BEAM , 4, 4, 1043, 30154, 0	309, BEAM , 1, 1, 957, 1052, 0
242, BEAM , 1, 1, 955, 953, 0	276, BEAM , 4, 4, 30154, 1042, 0	310, BEAM , 1, 1, 961, 30158, 0
243, BEAM , 1, 1, 951, 30018, 0	277, BEAM , 4, 4, 1042, 30120, 0	311, BEAM , 1, 1, 1055, 1053, 0
244, BEAM , 1, 1, 30119, 1045, 0	278, BEAM , 4, 4, 30120, 1041, 0	312, BEAM , 1, 1, 1051, 30023, 0
245, BEAM , 1, 1, 952, 30052, 0	279, BEAM , 4, 4, 30087, 959, 0	313, BEAM , 1, 1, 30124, 970, 0
246, BEAM , 1, 1, 30153, 1044, 0	280, BEAM , 4, 4, 959, 30053, 0	314, BEAM , 1, 1, 1052, 30057, 0
247, BEAM , 1, 1, 953, 30086, 0	281, BEAM , 4, 4, 30053, 960, 0	315, BEAM , 1, 1, 30158, 969, 0
248, BEAM , 1, 1, 30018, 1041, 0	282, BEAM , 4, 4, 960, 30019, 0	316, BEAM , 1, 1, 1053, 30091, 0
249, BEAM , 1, 1, 1045, 30120, 0	283, BEAM , 4, 4, 954, 1037, 0	317, BEAM , 1, 1, 30023, 966, 0
250, BEAM , 1, 1, 30052, 1042, 0	284, BEAM , 4, 4, 1037, 1033, 0	318, BEAM , 1, 1, 970, 30125, 0
251, BEAM , 1, 1, 1044, 30154, 0	285, BEAM , 4, 4, 1033, 946, 0	319, BEAM , 1, 1, 30057, 967, 0
252, BEAM , 1, 1, 30086, 1043, 0	286, BEAM , 4, 4, 946, 1040, 0	320, BEAM , 1, 1, 969, 30159, 0
253, BEAM , 1, 1, 1041, 30019, 0	287, BEAM , 1, 2, 956, 86, 0	321, BEAM , 1, 1, 30091, 968, 0
254, BEAM , 1, 1, 30120, 960, 0	288, BEAM , 1, 3, 957, 30121, 0	322, BEAM , 1, 1, 966, 30024, 0
255, BEAM , 1, 1, 1042, 30053, 0	289, BEAM , 1, 3, 30155, 958, 0	323, BEAM , 1, 1, 30125, 1060, 0
256, BEAM , 1, 1, 30154, 959, 0	290, BEAM , 1, 2, 958, 96, 0	324, BEAM , 1, 1, 967, 30058, 0
257, BEAM , 1, 1, 1043, 30087, 0	291, BEAM , 1, 2, 1050, 88, 0	325, BEAM , 1, 1, 30159, 1059, 0
258, BEAM , 1, 1, 30019, 30016, 0	292, BEAM , 1, 3, 1049, 30054, 0	326, BEAM , 1, 1, 968, 30092, 0
259, BEAM , 1, 1, 960, 30083, 0	293, BEAM , 1, 3, 30088, 1046, 0	327, BEAM , 1, 1, 30024, 30021, 0
260, BEAM , 1, 1, 30053, 30150, 0	294, BEAM , 1, 2, 1046, 98, 0	328, BEAM , 1, 1, 1060, 30088, 0
261, BEAM , 1, 1, 959, 30118, 0	295, BEAM , 1, 2, 1047, 90, 0	329, BEAM , 1, 1, 30058, 30155, 0

330, BEAM , 1, 1, 1059, 30123, 0	364, BEAM , 1, 2, 972, 110, 0	398, BEAM , 1, 1, 30063, 30160, 0
331, BEAM , 1, 1, 30092, 30056, 0	365, BEAM , 1, 3, 973, 30161, 0	399, BEAM , 1, 1, 984, 30128, 0
332, BEAM , 4, 4, 30022, 30089, 0	366, BEAM , 1, 3, 30026, 1065, 0	400, BEAM , 1, 1, 30097, 30061, 0
333, BEAM , 4, 4, 30089, 30121, 0	367, BEAM , 1, 2, 1065, 120, 0	401, BEAM , 4, 4, 30027, 30094, 0
334, BEAM , 4, 4, 30121, 30054, 0	368, BEAM , 1, 2, 1064, 104, 0	402, BEAM , 4, 4, 30094, 30126, 0
335, BEAM , 4, 4, 30054, 30156, 0	369, BEAM , 1, 3, 1061, 30094, 0	403, BEAM , 4, 4, 30126, 30059, 0
336, BEAM , 4, 4, 1053, 30158, 0	370, BEAM , 1, 3, 30128, 1062, 0	404, BEAM , 4, 4, 30059, 30161, 0
337, BEAM , 4, 4, 30158, 1052, 0	371, BEAM , 1, 2, 1062, 114, 0	405, BEAM , 4, 4, 978, 30163, 0
338, BEAM , 4, 4, 1052, 30124, 0	372, BEAM , 1, 2, 1063, 102, 0	406, BEAM , 4, 4, 30163, 977, 0
339, BEAM , 4, 4, 30124, 1051, 0	373, BEAM , 1, 3, 980, 30027, 0	407, BEAM , 4, 4, 977, 30129, 0
340, BEAM , 4, 4, 30091, 969, 0	374, BEAM , 1, 3, 30061, 979, 0	408, BEAM , 4, 4, 30129, 976, 0
341, BEAM , 4, 4, 969, 30057, 0	375, BEAM , 1, 2, 979, 112, 0	409, BEAM , 4, 4, 30096, 1069, 0
342, BEAM , 4, 4, 30057, 970, 0	376, BEAM , 1, 1, 973, 976, 0	410, BEAM , 4, 4, 1069, 30062, 0
343, BEAM , 4, 4, 970, 30023, 0	377, BEAM , 1, 1, 974, 30129, 0	411, BEAM , 4, 4, 30062, 1070, 0
344, BEAM , 4, 4, 968, 30159, 0	378, BEAM , 1, 1, 1057, 977, 0	412, BEAM , 4, 4, 1070, 30028, 0
345, BEAM , 4, 4, 30159, 967, 0	379, BEAM , 1, 1, 1061, 30163, 0	413, BEAM , 4, 4, 1068, 30164, 0
346, BEAM , 4, 4, 967, 30125, 0	380, BEAM , 1, 1, 980, 978, 0	414, BEAM , 4, 4, 30164, 1067, 0
347, BEAM , 4, 4, 30125, 966, 0	381, BEAM , 1, 1, 976, 30028, 0	415, BEAM , 4, 4, 1067, 30130, 0
348, BEAM , 4, 4, 30092, 1059, 0	382, BEAM , 1, 1, 30129, 1070, 0	416, BEAM , 4, 4, 30130, 1066, 0
349, BEAM , 4, 4, 1059, 30058, 0	383, BEAM , 1, 1, 977, 30062, 0	417, BEAM , 4, 4, 30097, 984, 0
350, BEAM , 4, 4, 30058, 1060, 0	384, BEAM , 1, 1, 30163, 1069, 0	418, BEAM , 4, 4, 984, 30063, 0
351, BEAM , 4, 4, 1060, 30024, 0	385, BEAM , 1, 1, 978, 30096, 0	419, BEAM , 4, 4, 30063, 985, 0
352, BEAM , 4, 4, 1054, 962, 0	386, BEAM , 1, 1, 30028, 1066, 0	420, BEAM , 4, 4, 985, 30029, 0
353, BEAM , 4, 4, 962, 958, 0	387, BEAM , 1, 1, 1070, 30130, 0	421, BEAM , 4, 4, 979, 1062, 0
354, BEAM , 4, 4, 958, 1046, 0	388, BEAM , 1, 1, 30062, 1067, 0	422, BEAM , 4, 4, 1062, 1058, 0
355, BEAM , 4, 4, 1046, 965, 0	389, BEAM , 1, 1, 1069, 30164, 0	423, BEAM , 4, 4, 1058, 971, 0
356, BEAM , 1, 2, 1056, 106, 0	390, BEAM , 1, 1, 30096, 1068, 0	424, BEAM , 4, 4, 971, 1065, 0
357, BEAM , 1, 3, 1057, 30126, 0	391, BEAM , 1, 1, 1066, 30029, 0	425, BEAM , 1, 2, 981, 126, 0
358, BEAM , 1, 3, 30160, 1058, 0	392, BEAM , 1, 1, 30130, 985, 0	426, BEAM , 1, 3, 982, 30131, 0
359, BEAM , 1, 2, 1058, 116, 0	393, BEAM , 1, 1, 1067, 30063, 0	427, BEAM , 1, 3, 30165, 983, 0
360, BEAM , 1, 2, 975, 108, 0	394, BEAM , 1, 1, 30164, 984, 0	428, BEAM , 1, 2, 983, 136, 0
361, BEAM , 1, 3, 974, 30059, 0	395, BEAM , 1, 1, 1068, 30097, 0	429, BEAM , 1, 2, 1075, 128, 0
362, BEAM , 1, 3, 30093, 971, 0	396, BEAM , 1, 1, 30029, 30026, 0	430, BEAM , 1, 3, 1074, 30064, 0
363, BEAM , 1, 2, 971, 118, 0	397, BEAM , 1, 1, 985, 30093, 0	431, BEAM , 1, 3, 30098, 1071, 0

432, BEAM , 1, 2, 1071, 138, 0	466, BEAM , 1, 1, 1265, 30098, 0	500, BEAM , 1, 3, 365, 366, 0
433, BEAM , 1, 2, 1072, 130, 0	467, BEAM , 1, 1, 1269, 30165, 0	501, BEAM , 1, 2, 366, 158, 0
434, BEAM , 1, 3, 1073, 30166, 0	468, BEAM , 1, 1, 1264, 30133, 0	502, BEAM , 1, 2, 368, 150, 0
435, BEAM , 1, 3, 30031, 990, 0	469, BEAM , 1, 1, 1266, 30066, 0	503, BEAM , 1, 3, 370, 369, 0
436, BEAM , 1, 2, 990, 140, 0	470, BEAM , 4, 4, 30032, 30099, 0	504, BEAM , 1, 3, 371, 372, 0
437, BEAM , 1, 2, 989, 124, 0	471, BEAM , 4, 4, 30099, 30131, 0	505, BEAM , 1, 2, 372, 160, 0
438, BEAM , 1, 3, 986, 30099, 0	472, BEAM , 4, 4, 30131, 30064, 0	506, BEAM , 1, 2, 374, 144, 0
439, BEAM , 1, 3, 30133, 987, 0	473, BEAM , 4, 4, 30064, 30166, 0	507, BEAM , 1, 3, 376, 375, 0
440, BEAM , 1, 2, 987, 134, 0	474, BEAM , 4, 4, 1078, 30168, 0	508, BEAM , 1, 3, 377, 378, 0
441, BEAM , 1, 2, 988, 122, 0	475, BEAM , 4, 4, 30168, 1077, 0	509, BEAM , 1, 2, 378, 154, 0
442, BEAM , 1, 3, 1080, 30032, 0	476, BEAM , 4, 4, 1077, 30134, 0	510, BEAM , 1, 2, 380, 142, 0
443, BEAM , 1, 3, 30066, 1079, 0	477, BEAM , 4, 4, 30134, 1076, 0	511, BEAM , 1, 3, 382, 381, 0
444, BEAM , 1, 2, 1079, 132, 0	478, BEAM , 4, 4, 30101, 994, 0	512, BEAM , 1, 3, 383, 384, 0
445, BEAM , 1, 1, 1073, 1076, 0	479, BEAM , 4, 4, 994, 30067, 0	513, BEAM , 1, 2, 384, 152, 0
446, BEAM , 1, 1, 1074, 30134, 0	480, BEAM , 4, 4, 30067, 995, 0	514, BEAM , 1, 1, 370, 386, 0
447, BEAM , 1, 1, 982, 1077, 0	481, BEAM , 4, 4, 995, 30033, 0	515, BEAM , 1, 1, 364, 387, 0
448, BEAM , 1, 1, 986, 30168, 0	482, BEAM , 4, 4, 993, 30169, 0	516, BEAM , 1, 1, 1262, 388, 0
449, BEAM , 1, 1, 1080, 1078, 0	483, BEAM , 4, 4, 30169, 992, 0	517, BEAM , 1, 1, 376, 389, 0
450, BEAM , 1, 1, 1076, 30033, 0	484, BEAM , 4, 4, 992, 30135, 0	518, BEAM , 1, 1, 382, 390, 0
451, BEAM , 1, 1, 30134, 995, 0	485, BEAM , 4, 4, 30135, 991, 0	519, BEAM , 1, 1, 386, 391, 0
452, BEAM , 1, 1, 1077, 30067, 0	486, BEAM , 4, 4, 1266, 1264, 0	520, BEAM , 1, 1, 387, 392, 0
453, BEAM , 1, 1, 30168, 994, 0	487, BEAM , 4, 4, 1264, 1269, 0	521, BEAM , 1, 1, 388, 393, 0
454, BEAM , 1, 1, 1078, 30101, 0	488, BEAM , 4, 4, 1269, 1265, 0	522, BEAM , 1, 1, 389, 394, 0
455, BEAM , 1, 1, 30033, 991, 0	489, BEAM , 4, 4, 1265, 1270, 0	523, BEAM , 1, 1, 390, 395, 0
456, BEAM , 1, 1, 995, 30135, 0	490, BEAM , 4, 4, 1079, 987, 0	524, BEAM , 1, 1, 391, 396, 0
457, BEAM , 1, 1, 30067, 992, 0	491, BEAM , 4, 4, 987, 983, 0	525, BEAM , 1, 1, 392, 397, 0
458, BEAM , 1, 1, 994, 30169, 0	492, BEAM , 4, 4, 983, 1071, 0	526, BEAM , 1, 1, 393, 398, 0
459, BEAM , 1, 1, 30101, 993, 0	493, BEAM , 4, 4, 1071, 990, 0	527, BEAM , 1, 1, 394, 399, 0
460, BEAM , 1, 1, 991, 1270, 0	494, BEAM , 1, 2, 1261, 146, 0	528, BEAM , 1, 1, 395, 400, 0
461, BEAM , 1, 1, 30135, 1265, 0	495, BEAM , 1, 3, 1262, 1267, 0	529, BEAM , 1, 1, 396, 401, 0
462, BEAM , 1, 1, 992, 1269, 0	496, BEAM , 1, 3, 1268, 1263, 0	530, BEAM , 1, 1, 397, 402, 0
463, BEAM , 1, 1, 30169, 1264, 0	497, BEAM , 1, 2, 1263, 156, 0	531, BEAM , 1, 1, 398, 403, 0
464, BEAM , 1, 1, 993, 1266, 0	498, BEAM , 1, 2, 362, 148, 0	532, BEAM , 1, 1, 399, 404, 0
465, BEAM , 1, 1, 1270, 30031, 0	499, BEAM , 1, 3, 364, 363, 0	533, BEAM , 1, 1, 400, 405, 0

534, BEAM , 1, 1, 401, 371, 0	568, BEAM , 1, 3, 414, 413, 0	602, BEAM , 1, 1, 450, 455, 0
535, BEAM , 1, 1, 402, 365, 0	569, BEAM , 1, 3, 415, 416, 0	603, BEAM , 1, 1, 451, 421, 0
536, BEAM , 1, 1, 403, 1268, 0	570, BEAM , 1, 2, 416, 178, 0	604, BEAM , 1, 1, 452, 415, 0
537, BEAM , 1, 1, 404, 377, 0	571, BEAM , 1, 2, 418, 170, 0	605, BEAM , 1, 1, 453, 409, 0
538, BEAM , 1, 1, 405, 383, 0	572, BEAM , 1, 3, 420, 419, 0	606, BEAM , 1, 1, 454, 427, 0
539, BEAM , 4, 4, 381, 375, 0	573, BEAM , 1, 3, 421, 422, 0	607, BEAM , 1, 1, 455, 433, 0
540, BEAM , 4, 4, 375, 1267, 0	574, BEAM , 1, 2, 422, 180, 0	608, BEAM , 4, 4, 431, 425, 0
541, BEAM , 4, 4, 1267, 363, 0	575, BEAM , 1, 2, 424, 164, 0	609, BEAM , 4, 4, 425, 407, 0
542, BEAM , 4, 4, 363, 369, 0	576, BEAM , 1, 3, 426, 425, 0	610, BEAM , 4, 4, 407, 413, 0
543, BEAM , 4, 4, 390, 389, 0	577, BEAM , 1, 3, 427, 428, 0	611, BEAM , 4, 4, 413, 419, 0
544, BEAM , 4, 4, 389, 388, 0	578, BEAM , 1, 2, 428, 174, 0	612, BEAM , 4, 4, 440, 439, 0
545, BEAM , 4, 4, 388, 387, 0	579, BEAM , 1, 2, 430, 162, 0	613, BEAM , 4, 4, 439, 438, 0
546, BEAM , 4, 4, 387, 386, 0	580, BEAM , 1, 3, 432, 431, 0	614, BEAM , 4, 4, 438, 437, 0
547, BEAM , 4, 4, 395, 394, 0	581, BEAM , 1, 3, 433, 434, 0	615, BEAM , 4, 4, 437, 436, 0
548, BEAM , 4, 4, 394, 393, 0	582, BEAM , 1, 2, 434, 172, 0	616, BEAM , 4, 4, 445, 444, 0
549, BEAM , 4, 4, 393, 392, 0	583, BEAM , 1, 1, 420, 436, 0	617, BEAM , 4, 4, 444, 443, 0
550, BEAM , 4, 4, 392, 391, 0	584, BEAM , 1, 1, 414, 437, 0	618, BEAM , 4, 4, 443, 442, 0
551, BEAM , 4, 4, 400, 399, 0	585, BEAM , 1, 1, 408, 438, 0	619, BEAM , 4, 4, 442, 441, 0
552, BEAM , 4, 4, 399, 398, 0	586, BEAM , 1, 1, 426, 439, 0	620, BEAM , 4, 4, 450, 449, 0
553, BEAM , 4, 4, 398, 397, 0	587, BEAM , 1, 1, 432, 440, 0	621, BEAM , 4, 4, 449, 448, 0
554, BEAM , 4, 4, 397, 396, 0	588, BEAM , 1, 1, 436, 441, 0	622, BEAM , 4, 4, 448, 447, 0
555, BEAM , 4, 4, 405, 404, 0	589, BEAM , 1, 1, 437, 442, 0	623, BEAM , 4, 4, 447, 446, 0
556, BEAM , 4, 4, 404, 403, 0	590, BEAM , 1, 1, 438, 443, 0	624, BEAM , 4, 4, 455, 454, 0
557, BEAM , 4, 4, 403, 402, 0	591, BEAM , 1, 1, 439, 444, 0	625, BEAM , 4, 4, 454, 453, 0
558, BEAM , 4, 4, 402, 401, 0	592, BEAM , 1, 1, 440, 445, 0	626, BEAM , 4, 4, 453, 452, 0
559, BEAM , 4, 4, 384, 378, 0	593, BEAM , 1, 1, 441, 446, 0	627, BEAM , 4, 4, 452, 451, 0
560, BEAM , 4, 4, 378, 1263, 0	594, BEAM , 1, 1, 442, 447, 0	628, BEAM , 4, 4, 434, 428, 0
561, BEAM , 4, 4, 1263, 366, 0	595, BEAM , 1, 1, 443, 448, 0	629, BEAM , 4, 4, 428, 410, 0
562, BEAM , 4, 4, 366, 372, 0	596, BEAM , 1, 1, 444, 449, 0	630, BEAM , 4, 4, 410, 416, 0
563, BEAM , 1, 2, 406, 166, 0	597, BEAM , 1, 1, 445, 450, 0	631, BEAM , 4, 4, 416, 422, 0
564, BEAM , 1, 3, 408, 407, 0	598, BEAM , 1, 1, 446, 451, 0	632, BEAM , 1, 2, 456, 186, 0
565, BEAM , 1, 3, 409, 410, 0	599, BEAM , 1, 1, 447, 452, 0	633, BEAM , 1, 3, 458, 457, 0
566, BEAM , 1, 2, 410, 176, 0	600, BEAM , 1, 1, 448, 453, 0	634, BEAM , 1, 3, 459, 460, 0
567, BEAM , 1, 2, 412, 168, 0	601, BEAM , 1, 1, 449, 454, 0	635, BEAM , 1, 2, 460, 196, 0

636, BEAM , 1, 2, 462, 188, 0	670, BEAM , 1, 1, 499, 504, 0	704, BEAM , 1, 2, 510, 216, 0
637, BEAM , 1, 3, 464, 463, 0	671, BEAM , 1, 1, 500, 505, 0	705, BEAM , 1, 2, 512, 208, 0
638, BEAM , 1, 3, 465, 466, 0	672, BEAM , 1, 1, 501, 471, 0	706, BEAM , 1, 3, 514, 513, 0
639, BEAM , 1, 2, 466, 198, 0	673, BEAM , 1, 1, 502, 465, 0	707, BEAM , 1, 3, 515, 516, 0
640, BEAM , 1, 2, 468, 190, 0	674, BEAM , 1, 1, 503, 459, 0	708, BEAM , 1, 2, 516, 218, 0
641, BEAM , 1, 3, 470, 469, 0	675, BEAM , 1, 1, 504, 477, 0	709, BEAM , 1, 2, 518, 210, 0
642, BEAM , 1, 3, 471, 472, 0	676, BEAM , 1, 1, 505, 483, 0	710, BEAM , 1, 3, 520, 519, 0
643, BEAM , 1, 2, 472, 200, 0	677, BEAM , 4, 4, 481, 475, 0	711, BEAM , 1, 3, 521, 522, 0
644, BEAM , 1, 2, 474, 184, 0	678, BEAM , 4, 4, 475, 457, 0	712, BEAM , 1, 2, 522, 220, 0
645, BEAM , 1, 3, 476, 475, 0	679, BEAM , 4, 4, 457, 463, 0	713, BEAM , 1, 2, 524, 204, 0
646, BEAM , 1, 3, 477, 478, 0	680, BEAM , 4, 4, 463, 469, 0	714, BEAM , 1, 3, 526, 525, 0
647, BEAM , 1, 2, 478, 194, 0	681, BEAM , 4, 4, 490, 489, 0	715, BEAM , 1, 3, 527, 528, 0
648, BEAM , 1, 2, 480, 182, 0	682, BEAM , 4, 4, 489, 488, 0	716, BEAM , 1, 2, 528, 214, 0
649, BEAM , 1, 3, 482, 481, 0	683, BEAM , 4, 4, 488, 487, 0	717, BEAM , 1, 2, 530, 202, 0
650, BEAM , 1, 3, 483, 484, 0	684, BEAM , 4, 4, 487, 486, 0	718, BEAM , 1, 3, 532, 531, 0
651, BEAM , 1, 2, 484, 192, 0	685, BEAM , 4, 4, 495, 494, 0	719, BEAM , 1, 3, 533, 534, 0
652, BEAM , 1, 1, 470, 486, 0	686, BEAM , 4, 4, 494, 493, 0	720, BEAM , 1, 2, 534, 212, 0
653, BEAM , 1, 1, 464, 487, 0	687, BEAM , 4, 4, 493, 492, 0	721, BEAM , 1, 1, 520, 536, 0
654, BEAM , 1, 1, 458, 488, 0	688, BEAM , 4, 4, 492, 491, 0	722, BEAM , 1, 1, 514, 537, 0
655, BEAM , 1, 1, 476, 489, 0	689, BEAM , 4, 4, 500, 499, 0	723, BEAM , 1, 1, 508, 538, 0
656, BEAM , 1, 1, 482, 490, 0	690, BEAM , 4, 4, 499, 498, 0	724, BEAM , 1, 1, 526, 539, 0
657, BEAM , 1, 1, 486, 491, 0	691, BEAM , 4, 4, 498, 497, 0	725, BEAM , 1, 1, 532, 540, 0
658, BEAM , 1, 1, 487, 492, 0	692, BEAM , 4, 4, 497, 496, 0	726, BEAM , 1, 1, 536, 541, 0
659, BEAM , 1, 1, 488, 493, 0	693, BEAM , 4, 4, 505, 504, 0	727, BEAM , 1, 1, 537, 542, 0
660, BEAM , 1, 1, 489, 494, 0	694, BEAM , 4, 4, 504, 503, 0	728, BEAM , 1, 1, 538, 543, 0
661, BEAM , 1, 1, 490, 495, 0	695, BEAM , 4, 4, 503, 502, 0	729, BEAM , 1, 1, 539, 544, 0
662, BEAM , 1, 1, 491, 496, 0	696, BEAM , 4, 4, 502, 501, 0	730, BEAM , 1, 1, 540, 545, 0
663, BEAM , 1, 1, 492, 497, 0	697, BEAM , 4, 4, 484, 478, 0	731, BEAM , 1, 1, 541, 546, 0
664, BEAM , 1, 1, 493, 498, 0	698, BEAM , 4, 4, 478, 460, 0	732, BEAM , 1, 1, 542, 547, 0
665, BEAM , 1, 1, 494, 499, 0	699, BEAM , 4, 4, 460, 466, 0	733, BEAM , 1, 1, 543, 548, 0
666, BEAM , 1, 1, 495, 500, 0	700, BEAM , 4, 4, 466, 472, 0	734, BEAM , 1, 1, 544, 549, 0
667, BEAM , 1, 1, 496, 501, 0	701, BEAM , 1, 2, 506, 206, 0	735, BEAM , 1, 1, 545, 550, 0
668, BEAM , 1, 1, 497, 502, 0	702, BEAM , 1, 3, 508, 507, 0	736, BEAM , 1, 1, 546, 551, 0
669, BEAM , 1, 1, 498, 503, 0	703, BEAM , 1, 3, 509, 510, 0	737, BEAM , 1, 1, 547, 552, 0

738, BEAM , 1, 1, 548, 553, 0	772, BEAM , 1, 3, 559, 560, 0	806, BEAM , 1, 1, 597, 602, 0
739, BEAM , 1, 1, 549, 554, 0	773, BEAM , 1, 2, 560, 236, 0	807, BEAM , 1, 1, 598, 603, 0
740, BEAM , 1, 1, 550, 555, 0	774, BEAM , 1, 2, 562, 228, 0	808, BEAM , 1, 1, 599, 604, 0
741, BEAM , 1, 1, 551, 521, 0	775, BEAM , 1, 3, 564, 563, 0	809, BEAM , 1, 1, 600, 605, 0
742, BEAM , 1, 1, 552, 515, 0	776, BEAM , 1, 3, 565, 566, 0	810, BEAM , 1, 1, 601, 571, 0
743, BEAM , 1, 1, 553, 509, 0	777, BEAM , 1, 2, 566, 238, 0	811, BEAM , 1, 1, 602, 565, 0
744, BEAM , 1, 1, 554, 527, 0	778, BEAM , 1, 2, 568, 230, 0	812, BEAM , 1, 1, 603, 559, 0
745, BEAM , 1, 1, 555, 533, 0	779, BEAM , 1, 3, 570, 569, 0	813, BEAM , 1, 1, 604, 577, 0
746, BEAM , 4, 4, 531, 525, 0	780, BEAM , 1, 3, 571, 572, 0	814, BEAM , 1, 1, 605, 583, 0
747, BEAM , 4, 4, 525, 507, 0	781, BEAM , 1, 2, 572, 240, 0	815, BEAM , 4, 4, 581, 575, 0
748, BEAM , 4, 4, 507, 513, 0	782, BEAM , 1, 2, 574, 224, 0	816, BEAM , 4, 4, 575, 557, 0
749, BEAM , 4, 4, 513, 519, 0	783, BEAM , 1, 3, 576, 575, 0	817, BEAM , 4, 4, 557, 563, 0
750, BEAM , 4, 4, 540, 539, 0	784, BEAM , 1, 3, 577, 578, 0	818, BEAM , 4, 4, 563, 569, 0
751, BEAM , 4, 4, 539, 538, 0	785, BEAM , 1, 2, 578, 234, 0	819, BEAM , 4, 4, 590, 589, 0
752, BEAM , 4, 4, 538, 537, 0	786, BEAM , 1, 2, 580, 222, 0	820, BEAM , 4, 4, 589, 588, 0
753, BEAM , 4, 4, 537, 536, 0	787, BEAM , 1, 3, 582, 581, 0	821, BEAM , 4, 4, 588, 587, 0
754, BEAM , 4, 4, 545, 544, 0	788, BEAM , 1, 3, 583, 584, 0	822, BEAM , 4, 4, 587, 586, 0
755, BEAM , 4, 4, 544, 543, 0	789, BEAM , 1, 2, 584, 232, 0	823, BEAM , 4, 4, 595, 594, 0
756, BEAM , 4, 4, 543, 542, 0	790, BEAM , 1, 1, 570, 586, 0	824, BEAM , 4, 4, 594, 593, 0
757, BEAM , 4, 4, 542, 541, 0	791, BEAM , 1, 1, 564, 587, 0	825, BEAM , 4, 4, 593, 592, 0
758, BEAM , 4, 4, 550, 549, 0	792, BEAM , 1, 1, 558, 588, 0	826, BEAM , 4, 4, 592, 591, 0
759, BEAM , 4, 4, 549, 548, 0	793, BEAM , 1, 1, 576, 589, 0	827, BEAM , 4, 4, 600, 599, 0
760, BEAM , 4, 4, 548, 547, 0	794, BEAM , 1, 1, 582, 590, 0	828, BEAM , 4, 4, 599, 598, 0
761, BEAM , 4, 4, 547, 546, 0	795, BEAM , 1, 1, 586, 591, 0	829, BEAM , 4, 4, 598, 597, 0
762, BEAM , 4, 4, 555, 554, 0	796, BEAM , 1, 1, 587, 592, 0	830, BEAM , 4, 4, 597, 596, 0
763, BEAM , 4, 4, 554, 553, 0	797, BEAM , 1, 1, 588, 593, 0	831, BEAM , 4, 4, 605, 604, 0
764, BEAM , 4, 4, 553, 552, 0	798, BEAM , 1, 1, 589, 594, 0	832, BEAM , 4, 4, 604, 603, 0
765, BEAM , 4, 4, 552, 551, 0	799, BEAM , 1, 1, 590, 595, 0	833, BEAM , 4, 4, 603, 602, 0
766, BEAM , 4, 4, 534, 528, 0	800, BEAM , 1, 1, 591, 596, 0	834, BEAM , 4, 4, 602, 601, 0
767, BEAM , 4, 4, 528, 510, 0	801, BEAM , 1, 1, 592, 597, 0	835, BEAM , 4, 4, 584, 578, 0
768, BEAM , 4, 4, 510, 516, 0	802, BEAM , 1, 1, 593, 598, 0	836, BEAM , 4, 4, 578, 560, 0
769, BEAM , 4, 4, 516, 522, 0	803, BEAM , 1, 1, 594, 599, 0	837, BEAM , 4, 4, 560, 566, 0
770, BEAM , 1, 2, 556, 226, 0	804, BEAM , 1, 1, 595, 600, 0	838, BEAM , 4, 4, 566, 572, 0
771, BEAM , 1, 3, 558, 557, 0	805, BEAM , 1, 1, 596, 601, 0	839, BEAM , 1, 2, 606, 246, 0

840, BEAM , 1, 3, 608, 607, 0	874, BEAM , 1, 1, 646, 651, 0	908, BEAM , 1, 2, 656, 266, 0
841, BEAM , 1, 3, 609, 610, 0	875, BEAM , 1, 1, 647, 652, 0	909, BEAM , 1, 3, 658, 657, 0
842, BEAM , 1, 2, 610, 256, 0	876, BEAM , 1, 1, 648, 653, 0	910, BEAM , 1, 3, 659, 660, 0
843, BEAM , 1, 2, 612, 248, 0	877, BEAM , 1, 1, 649, 654, 0	911, BEAM , 1, 2, 660, 276, 0
844, BEAM , 1, 3, 614, 613, 0	878, BEAM , 1, 1, 650, 655, 0	912, BEAM , 1, 2, 662, 268, 0
845, BEAM , 1, 3, 615, 616, 0	879, BEAM , 1, 1, 651, 621, 0	913, BEAM , 1, 3, 664, 663, 0
846, BEAM , 1, 2, 616, 258, 0	880, BEAM , 1, 1, 652, 615, 0	914, BEAM , 1, 3, 665, 666, 0
847, BEAM , 1, 2, 618, 250, 0	881, BEAM , 1, 1, 653, 609, 0	915, BEAM , 1, 2, 666, 278, 0
848, BEAM , 1, 3, 620, 619, 0	882, BEAM , 1, 1, 654, 627, 0	916, BEAM , 1, 2, 668, 270, 0
849, BEAM , 1, 3, 621, 622, 0	883, BEAM , 1, 1, 655, 633, 0	917, BEAM , 1, 3, 670, 669, 0
850, BEAM , 1, 2, 622, 260, 0	884, BEAM , 4, 4, 631, 625, 0	918, BEAM , 1, 3, 671, 672, 0
851, BEAM , 1, 2, 624, 244, 0	885, BEAM , 4, 4, 625, 607, 0	919, BEAM , 1, 2, 672, 280, 0
852, BEAM , 1, 3, 626, 625, 0	886, BEAM , 4, 4, 607, 613, 0	920, BEAM , 1, 2, 674, 264, 0
853, BEAM , 1, 3, 627, 628, 0	887, BEAM , 4, 4, 613, 619, 0	921, BEAM , 1, 3, 676, 675, 0
854, BEAM , 1, 2, 628, 254, 0	888, BEAM , 4, 4, 640, 639, 0	922, BEAM , 1, 3, 677, 678, 0
855, BEAM , 1, 2, 630, 242, 0	889, BEAM , 4, 4, 639, 638, 0	923, BEAM , 1, 2, 678, 274, 0
856, BEAM , 1, 3, 632, 631, 0	890, BEAM , 4, 4, 638, 637, 0	924, BEAM , 1, 2, 680, 262, 0
857, BEAM , 1, 3, 633, 634, 0	891, BEAM , 4, 4, 637, 636, 0	925, BEAM , 1, 3, 682, 681, 0
858, BEAM , 1, 2, 634, 252, 0	892, BEAM , 4, 4, 645, 644, 0	926, BEAM , 1, 3, 683, 684, 0
859, BEAM , 1, 1, 620, 636, 0	893, BEAM , 4, 4, 644, 643, 0	927, BEAM , 1, 2, 684, 272, 0
860, BEAM , 1, 1, 614, 637, 0	894, BEAM , 4, 4, 643, 642, 0	928, BEAM , 1, 1, 670, 686, 0
861, BEAM , 1, 1, 608, 638, 0	895, BEAM , 4, 4, 642, 641, 0	929, BEAM , 1, 1, 664, 687, 0
862, BEAM , 1, 1, 626, 639, 0	896, BEAM , 4, 4, 650, 649, 0	930, BEAM , 1, 1, 658, 688, 0
863, BEAM , 1, 1, 632, 640, 0	897, BEAM , 4, 4, 649, 648, 0	931, BEAM , 1, 1, 676, 689, 0
864, BEAM , 1, 1, 636, 641, 0	898, BEAM , 4, 4, 648, 647, 0	932, BEAM , 1, 1, 682, 690, 0
865, BEAM , 1, 1, 637, 642, 0	899, BEAM , 4, 4, 647, 646, 0	933, BEAM , 1, 1, 686, 691, 0
866, BEAM , 1, 1, 638, 643, 0	900, BEAM , 4, 4, 655, 654, 0	934, BEAM , 1, 1, 687, 692, 0
867, BEAM , 1, 1, 639, 644, 0	901, BEAM , 4, 4, 654, 653, 0	935, BEAM , 1, 1, 688, 693, 0
868, BEAM , 1, 1, 640, 645, 0	902, BEAM , 4, 4, 653, 652, 0	936, BEAM , 1, 1, 689, 694, 0
869, BEAM , 1, 1, 641, 646, 0	903, BEAM , 4, 4, 652, 651, 0	937, BEAM , 1, 1, 690, 695, 0
870, BEAM , 1, 1, 642, 647, 0	904, BEAM , 4, 4, 634, 628, 0	938, BEAM , 1, 1, 691, 696, 0
871, BEAM , 1, 1, 643, 648, 0	905, BEAM , 4, 4, 628, 610, 0	939, BEAM , 1, 1, 692, 697, 0
872, BEAM , 1, 1, 644, 649, 0	906, BEAM , 4, 4, 610, 616, 0	940, BEAM , 1, 1, 693, 698, 0
873, BEAM , 1, 1, 645, 650, 0	907, BEAM , 4, 4, 616, 622, 0	941, BEAM , 1, 1, 694, 699, 0

942, BEAM , 1, 1, 695, 700, 0	976, BEAM , 4, 4, 666, 672, 0	1010, BEAM , 1, 1, 744, 749, 0
943, BEAM , 1, 1, 696, 701, 0	977, BEAM , 1, 2, 706, 286, 0	1011, BEAM , 1, 1, 745, 750, 0
944, BEAM , 1, 1, 697, 702, 0	978, BEAM , 1, 3, 708, 707, 0	1012, BEAM , 1, 1, 746, 751, 0
945, BEAM , 1, 1, 698, 703, 0	979, BEAM , 1, 3, 709, 710, 0	1013, BEAM , 1, 1, 747, 752, 0
946, BEAM , 1, 1, 699, 704, 0	980, BEAM , 1, 2, 710, 296, 0	1014, BEAM , 1, 1, 748, 753, 0
947, BEAM , 1, 1, 700, 705, 0	981, BEAM , 1, 2, 712, 288, 0	1015, BEAM , 1, 1, 749, 754, 0
948, BEAM , 1, 1, 701, 671, 0	982, BEAM , 1, 3, 714, 713, 0	1016, BEAM , 1, 1, 750, 755, 0
949, BEAM , 1, 1, 702, 665, 0	983, BEAM , 1, 3, 715, 716, 0	1017, BEAM , 1, 1, 751, 721, 0
950, BEAM , 1, 1, 703, 659, 0	984, BEAM , 1, 2, 716, 298, 0	1018, BEAM , 1, 1, 752, 715, 0
951, BEAM , 1, 1, 704, 677, 0	985, BEAM , 1, 2, 718, 290, 0	1019, BEAM , 1, 1, 753, 709, 0
952, BEAM , 1, 1, 705, 683, 0	986, BEAM , 1, 3, 720, 719, 0	1020, BEAM , 1, 1, 754, 727, 0
953, BEAM , 4, 4, 681, 675, 0	987, BEAM , 1, 3, 721, 722, 0	1021, BEAM , 1, 1, 755, 733, 0
954, BEAM , 4, 4, 675, 657, 0	988, BEAM , 1, 2, 722, 300, 0	1022, BEAM , 4, 4, 731, 725, 0
955, BEAM , 4, 4, 657, 663, 0	989, BEAM , 1, 2, 724, 284, 0	1023, BEAM , 4, 4, 725, 707, 0
956, BEAM , 4, 4, 663, 669, 0	990, BEAM , 1, 3, 726, 725, 0	1024, BEAM , 4, 4, 707, 713, 0
957, BEAM , 4, 4, 690, 689, 0	991, BEAM , 1, 3, 727, 728, 0	1025, BEAM , 4, 4, 713, 719, 0
958, BEAM , 4, 4, 689, 688, 0	992, BEAM , 1, 2, 728, 294, 0	1026, BEAM , 4, 4, 740, 739, 0
959, BEAM , 4, 4, 688, 687, 0	993, BEAM , 1, 2, 730, 282, 0	1027, BEAM , 4, 4, 739, 738, 0
960, BEAM , 4, 4, 687, 686, 0	994, BEAM , 1, 3, 732, 731, 0	1028, BEAM , 4, 4, 738, 737, 0
961, BEAM , 4, 4, 695, 694, 0	995, BEAM , 1, 3, 733, 734, 0	1029, BEAM , 4, 4, 737, 736, 0
962, BEAM , 4, 4, 694, 693, 0	996, BEAM , 1, 2, 734, 292, 0	1030, BEAM , 4, 4, 745, 744, 0
963, BEAM , 4, 4, 693, 692, 0	997, BEAM , 1, 1, 720, 736, 0	1031, BEAM , 4, 4, 744, 743, 0
964, BEAM , 4, 4, 692, 691, 0	998, BEAM , 1, 1, 714, 737, 0	1032, BEAM , 4, 4, 743, 742, 0
965, BEAM , 4, 4, 700, 699, 0	999, BEAM , 1, 1, 708, 738, 0	1033, BEAM , 4, 4, 742, 741, 0
966, BEAM , 4, 4, 699, 698, 0	1000, BEAM , 1, 1, 726, 739, 0	1034, BEAM , 4, 4, 750, 749, 0
967, BEAM , 4, 4, 698, 697, 0	1001, BEAM , 1, 1, 732, 740, 0	1035, BEAM , 4, 4, 749, 748, 0
968, BEAM , 4, 4, 697, 696, 0	1002, BEAM , 1, 1, 736, 741, 0	1036, BEAM , 4, 4, 748, 747, 0
969, BEAM , 4, 4, 705, 704, 0	1003, BEAM , 1, 1, 737, 742, 0	1037, BEAM , 4, 4, 747, 746, 0
970, BEAM , 4, 4, 704, 703, 0	1004, BEAM , 1, 1, 738, 743, 0	1038, BEAM , 4, 4, 755, 754, 0
971, BEAM , 4, 4, 703, 702, 0	1005, BEAM , 1, 1, 739, 744, 0	1039, BEAM , 4, 4, 754, 753, 0
972, BEAM , 4, 4, 702, 701, 0	1006, BEAM , 1, 1, 740, 745, 0	1040, BEAM , 4, 4, 753, 752, 0
973, BEAM , 4, 4, 684, 678, 0	1007, BEAM , 1, 1, 741, 746, 0	1041, BEAM , 4, 4, 752, 751, 0
974, BEAM , 4, 4, 678, 660, 0	1008, BEAM , 1, 1, 742, 747, 0	1042, BEAM , 4, 4, 734, 728, 0
975, BEAM , 4, 4, 660, 666, 0	1009, BEAM , 1, 1, 743, 748, 0	1043, BEAM , 4, 4, 728, 710, 0

1044, BEAM , 4, 4, 710, 716, 0	1078, BEAM , 1, 1, 793, 798, 0	1112, BEAM , 4, 4, 778, 760, 0
1045, BEAM , 4, 4, 716, 722, 0	1079, BEAM , 1, 1, 794, 799, 0	1113, BEAM , 4, 4, 760, 766, 0
1046, BEAM , 1, 2, 756, 306, 0	1080, BEAM , 1, 1, 795, 800, 0	1114, BEAM , 4, 4, 766, 772, 0
1047, BEAM , 1, 3, 758, 757, 0	1081, BEAM , 1, 1, 796, 801, 0	1115, BEAM , 1, 2, 806, 326, 0
1048, BEAM , 1, 3, 759, 760, 0	1082, BEAM , 1, 1, 797, 802, 0	1116, BEAM , 1, 3, 808, 807, 0
1049, BEAM , 1, 2, 760, 316, 0	1083, BEAM , 1, 1, 798, 803, 0	1117, BEAM , 1, 3, 809, 810, 0
1050, BEAM , 1, 2, 762, 308, 0	1084, BEAM , 1, 1, 799, 804, 0	1118, BEAM , 1, 2, 810, 336, 0
1051, BEAM , 1, 3, 764, 763, 0	1085, BEAM , 1, 1, 800, 805, 0	1119, BEAM , 1, 2, 812, 328, 0
1052, BEAM , 1, 3, 765, 766, 0	1086, BEAM , 1, 1, 801, 771, 0	1120, BEAM , 1, 3, 814, 813, 0
1053, BEAM , 1, 2, 766, 318, 0	1087, BEAM , 1, 1, 802, 765, 0	1121, BEAM , 1, 3, 815, 816, 0
1054, BEAM , 1, 2, 768, 310, 0	1088, BEAM , 1, 1, 803, 759, 0	1122, BEAM , 1, 2, 816, 338, 0
1055, BEAM , 1, 3, 770, 769, 0	1089, BEAM , 1, 1, 804, 777, 0	1123, BEAM , 1, 2, 818, 330, 0
1056, BEAM , 1, 3, 771, 772, 0	1090, BEAM , 1, 1, 805, 783, 0	1124, BEAM , 1, 3, 820, 819, 0
1057, BEAM , 1, 2, 772, 320, 0	1091, BEAM , 4, 4, 781, 775, 0	1125, BEAM , 1, 3, 821, 822, 0
1058, BEAM , 1, 2, 774, 304, 0	1092, BEAM , 4, 4, 775, 757, 0	1126, BEAM , 1, 2, 822, 340, 0
1059, BEAM , 1, 3, 776, 775, 0	1093, BEAM , 4, 4, 757, 763, 0	1127, BEAM , 1, 2, 824, 324, 0
1060, BEAM , 1, 3, 777, 778, 0	1094, BEAM , 4, 4, 763, 769, 0	1128, BEAM , 1, 3, 826, 825, 0
1061, BEAM , 1, 2, 778, 314, 0	1095, BEAM , 4, 4, 790, 789, 0	1129, BEAM , 1, 3, 827, 828, 0
1062, BEAM , 1, 2, 780, 302, 0	1096, BEAM , 4, 4, 789, 788, 0	1130, BEAM , 1, 2, 828, 334, 0
1063, BEAM , 1, 3, 782, 781, 0	1097, BEAM , 4, 4, 788, 787, 0	1131, BEAM , 1, 2, 830, 322, 0
1064, BEAM , 1, 3, 783, 784, 0	1098, BEAM , 4, 4, 787, 786, 0	1132, BEAM , 1, 3, 832, 831, 0
1065, BEAM , 1, 2, 784, 312, 0	1099, BEAM , 4, 4, 795, 794, 0	1133, BEAM , 1, 3, 833, 834, 0
1066, BEAM , 1, 1, 770, 786, 0	1100, BEAM , 4, 4, 794, 793, 0	1134, BEAM , 1, 2, 834, 332, 0
1067, BEAM , 1, 1, 764, 787, 0	1101, BEAM , 4, 4, 793, 792, 0	1135, BEAM , 1, 1, 820, 836, 0
1068, BEAM , 1, 1, 758, 788, 0	1102, BEAM , 4, 4, 792, 791, 0	1136, BEAM , 1, 1, 814, 837, 0
1069, BEAM , 1, 1, 776, 789, 0	1103, BEAM , 4, 4, 800, 799, 0	1137, BEAM , 1, 1, 808, 838, 0
1070, BEAM , 1, 1, 782, 790, 0	1104, BEAM , 4, 4, 799, 798, 0	1138, BEAM , 1, 1, 826, 839, 0
1071, BEAM , 1, 1, 786, 791, 0	1105, BEAM , 4, 4, 798, 797, 0	1139, BEAM , 1, 1, 832, 840, 0
1072, BEAM , 1, 1, 787, 792, 0	1106, BEAM , 4, 4, 797, 796, 0	1140, BEAM , 1, 1, 836, 841, 0
1073, BEAM , 1, 1, 788, 793, 0	1107, BEAM , 4, 4, 805, 804, 0	1141, BEAM , 1, 1, 837, 842, 0
1074, BEAM , 1, 1, 789, 794, 0	1108, BEAM , 4, 4, 804, 803, 0	1142, BEAM , 1, 1, 838, 843, 0
1075, BEAM , 1, 1, 790, 795, 0	1109, BEAM , 4, 4, 803, 802, 0	1143, BEAM , 1, 1, 839, 844, 0
1076, BEAM , 1, 1, 791, 796, 0	1110, BEAM , 4, 4, 802, 801, 0	1144, BEAM , 1, 1, 840, 845, 0
1077, BEAM , 1, 1, 792, 797, 0	1111, BEAM , 4, 4, 784, 778, 0	1145, BEAM , 1, 1, 841, 846, 0

1146, BEAM , 1, 1, 842, 847, 0	1180, BEAM , 4, 4, 834, 828, 0	1214, BEAM , 1, 1, 891, 896, 0
1147, BEAM , 1, 1, 843, 848, 0	1181, BEAM , 4, 4, 828, 810, 0	1215, BEAM , 1, 1, 892, 897, 0
1148, BEAM , 1, 1, 844, 849, 0	1182, BEAM , 4, 4, 810, 816, 0	1216, BEAM , 1, 1, 893, 898, 0
1149, BEAM , 1, 1, 845, 850, 0	1183, BEAM , 4, 4, 816, 822, 0	1217, BEAM , 1, 1, 894, 899, 0
1150, BEAM , 1, 1, 846, 851, 0	1184, BEAM , 1, 2, 856, 346, 0	1218, BEAM , 1, 1, 895, 900, 0
1151, BEAM , 1, 1, 847, 852, 0	1185, BEAM , 1, 3, 858, 857, 0	1219, BEAM , 1, 1, 896, 901, 0
1152, BEAM , 1, 1, 848, 853, 0	1186, BEAM , 1, 3, 859, 860, 0	1220, BEAM , 1, 1, 897, 902, 0
1153, BEAM , 1, 1, 849, 854, 0	1187, BEAM , 1, 2, 860, 356, 0	1221, BEAM , 1, 1, 898, 903, 0
1154, BEAM , 1, 1, 850, 855, 0	1188, BEAM , 1, 2, 862, 348, 0	1222, BEAM , 1, 1, 899, 904, 0
1155, BEAM , 1, 1, 851, 821, 0	1189, BEAM , 1, 3, 864, 863, 0	1223, BEAM , 1, 1, 900, 905, 0
1156, BEAM , 1, 1, 852, 815, 0	1190, BEAM , 1, 3, 865, 866, 0	1224, BEAM , 1, 1, 901, 871, 0
1157, BEAM , 1, 1, 853, 809, 0	1191, BEAM , 1, 2, 866, 358, 0	1225, BEAM , 1, 1, 902, 865, 0
1158, BEAM , 1, 1, 854, 827, 0	1192, BEAM , 1, 2, 868, 350, 0	1226, BEAM , 1, 1, 903, 859, 0
1159, BEAM , 1, 1, 855, 833, 0	1193, BEAM , 1, 3, 870, 869, 0	1227, BEAM , 1, 1, 904, 877, 0
1160, BEAM , 4, 4, 831, 825, 0	1194, BEAM , 1, 3, 871, 872, 0	1228, BEAM , 1, 1, 905, 883, 0
1161, BEAM , 4, 4, 825, 807, 0	1195, BEAM , 1, 2, 872, 360, 0	1229, BEAM , 4, 4, 881, 875, 0
1162, BEAM , 4, 4, 807, 813, 0	1196, BEAM , 1, 2, 874, 344, 0	1230, BEAM , 4, 4, 875, 857, 0
1163, BEAM , 4, 4, 813, 819, 0	1197, BEAM , 1, 3, 876, 875, 0	1231, BEAM , 4, 4, 857, 863, 0
1164, BEAM , 4, 4, 840, 839, 0	1198, BEAM , 1, 3, 877, 878, 0	1232, BEAM , 4, 4, 863, 869, 0
1165, BEAM , 4, 4, 839, 838, 0	1199, BEAM , 1, 2, 878, 354, 0	1233, BEAM , 4, 4, 890, 889, 0
1166, BEAM , 4, 4, 838, 837, 0	1200, BEAM , 1, 2, 880, 342, 0	1234, BEAM , 4, 4, 889, 888, 0
1167, BEAM , 4, 4, 837, 836, 0	1201, BEAM , 1, 3, 882, 881, 0	1235, BEAM , 4, 4, 888, 887, 0
1168, BEAM , 4, 4, 845, 844, 0	1202, BEAM , 1, 3, 883, 884, 0	1236, BEAM , 4, 4, 887, 886, 0
1169, BEAM , 4, 4, 844, 843, 0	1203, BEAM , 1, 2, 884, 352, 0	1237, BEAM , 4, 4, 895, 894, 0
1170, BEAM , 4, 4, 843, 842, 0	1204, BEAM , 1, 1, 870, 886, 0	1238, BEAM , 4, 4, 894, 893, 0
1171, BEAM , 4, 4, 842, 841, 0	1205, BEAM , 1, 1, 864, 887, 0	1239, BEAM , 4, 4, 893, 892, 0
1172, BEAM , 4, 4, 850, 849, 0	1206, BEAM , 1, 1, 858, 888, 0	1240, BEAM , 4, 4, 892, 891, 0
1173, BEAM , 4, 4, 849, 848, 0	1207, BEAM , 1, 1, 876, 889, 0	1241, BEAM , 4, 4, 900, 899, 0
1174, BEAM , 4, 4, 848, 847, 0	1208, BEAM , 1, 1, 882, 890, 0	1242, BEAM , 4, 4, 899, 898, 0
1175, BEAM , 4, 4, 847, 846, 0	1209, BEAM , 1, 1, 886, 891, 0	1243, BEAM , 4, 4, 898, 897, 0
1176, BEAM , 4, 4, 855, 854, 0	1210, BEAM , 1, 1, 887, 892, 0	1244, BEAM , 4, 4, 897, 896, 0
1177, BEAM , 4, 4, 854, 853, 0	1211, BEAM , 1, 1, 888, 893, 0	1245, BEAM , 4, 4, 905, 904, 0
1178, BEAM , 4, 4, 853, 852, 0	1212, BEAM , 1, 1, 889, 894, 0	1246, BEAM , 4, 4, 904, 903, 0
1179, BEAM , 4, 4, 852, 851, 0	1213, BEAM , 1, 1, 890, 895, 0	1247, BEAM , 4, 4, 903, 902, 0

1248, BEAM , 4, 4, 902, 901, 0	1282, BEAM , 1, 2, 102, 30027, 0	1316, BEAM , 1, 2, 244, 625, 0
1249, BEAM , 4, 4, 884, 878, 0	1283, BEAM , 1, 2, 126, 30131, 0	1317, BEAM , 1, 2, 242, 631, 0
1250, BEAM , 4, 4, 878, 860, 0	1284, BEAM , 1, 2, 128, 30064, 0	1318, BEAM , 1, 2, 266, 657, 0
1251, BEAM , 4, 4, 860, 866, 0	1285, BEAM , 1, 2, 130, 30166, 0	1319, BEAM , 1, 2, 268, 663, 0
1252, BEAM , 4, 4, 866, 872, 0	1286, BEAM , 1, 2, 124, 30099, 0	1320, BEAM , 1, 2, 270, 669, 0
1253, BEAM , 1, 2, 6, 910, 0	1287, BEAM , 1, 2, 122, 30032, 0	1321, BEAM , 1, 2, 264, 675, 0
1254, BEAM , 1, 2, 8, 1088, 0	1288, BEAM , 1, 2, 146, 1267, 0	1322, BEAM , 1, 2, 262, 681, 0
1255, BEAM , 1, 2, 10, 996, 0	1289, BEAM , 1, 2, 148, 363, 0	1323, BEAM , 1, 2, 286, 707, 0
1256, BEAM , 1, 2, 4, 30035, 0	1290, BEAM , 1, 2, 150, 369, 0	1324, BEAM , 1, 2, 288, 713, 0
1257, BEAM , 1, 2, 2, 913, 0	1291, BEAM , 1, 2, 144, 375, 0	1325, BEAM , 1, 2, 290, 719, 0
1258, BEAM , 1, 2, 26, 30106, 0	1292, BEAM , 1, 2, 142, 381, 0	1326, BEAM , 1, 2, 284, 725, 0
1259, BEAM , 1, 2, 28, 30039, 0	1293, BEAM , 1, 2, 166, 407, 0	1327, BEAM , 1, 2, 282, 731, 0
1260, BEAM , 1, 2, 30, 30141, 0	1294, BEAM , 1, 2, 168, 413, 0	1328, BEAM , 1, 2, 306, 757, 0
1261, BEAM , 1, 2, 24, 30074, 0	1295, BEAM , 1, 2, 170, 419, 0	1329, BEAM , 1, 2, 308, 763, 0
1262, BEAM , 1, 2, 22, 30007, 0	1296, BEAM , 1, 2, 164, 425, 0	1330, BEAM , 1, 2, 310, 769, 0
1263, BEAM , 1, 2, 46, 30111, 0	1297, BEAM , 1, 2, 162, 431, 0	1331, BEAM , 1, 2, 304, 775, 0
1264, BEAM , 1, 2, 48, 30044, 0	1298, BEAM , 1, 2, 186, 457, 0	1332, BEAM , 1, 2, 302, 781, 0
1265, BEAM , 1, 2, 50, 30146, 0	1299, BEAM , 1, 2, 188, 463, 0	1333, BEAM , 1, 2, 326, 807, 0
1266, BEAM , 1, 2, 44, 30079, 0	1300, BEAM , 1, 2, 190, 469, 0	1334, BEAM , 1, 2, 328, 813, 0
1267, BEAM , 1, 2, 42, 30012, 0	1301, BEAM , 1, 2, 184, 475, 0	1335, BEAM , 1, 2, 330, 819, 0
1268, BEAM , 1, 2, 66, 30116, 0	1302, BEAM , 1, 2, 182, 481, 0	1336, BEAM , 1, 2, 324, 825, 0
1269, BEAM , 1, 2, 68, 30049, 0	1303, BEAM , 1, 2, 206, 507, 0	1337, BEAM , 1, 2, 322, 831, 0
1270, BEAM , 1, 2, 70, 30151, 0	1304, BEAM , 1, 2, 208, 513, 0	1338, BEAM , 1, 2, 346, 857, 0
1271, BEAM , 1, 2, 64, 30084, 0	1305, BEAM , 1, 2, 210, 519, 0	1339, BEAM , 1, 2, 348, 863, 0
1272, BEAM , 1, 2, 62, 30017, 0	1306, BEAM , 1, 2, 204, 525, 0	1340, BEAM , 1, 2, 350, 869, 0
1273, BEAM , 1, 2, 86, 30121, 0	1307, BEAM , 1, 2, 202, 531, 0	1341, BEAM , 1, 2, 344, 875, 0
1274, BEAM , 1, 2, 88, 30054, 0	1308, BEAM , 1, 2, 226, 557, 0	1342, BEAM , 1, 2, 342, 881, 0
1275, BEAM , 1, 2, 90, 30156, 0	1309, BEAM , 1, 2, 228, 563, 0	1343, BEAM , 1, 2, 16, 1087, 0
1276, BEAM , 1, 2, 84, 30089, 0	1310, BEAM , 1, 2, 230, 569, 0	1344, BEAM , 1, 2, 18, 999, 0
1277, BEAM , 1, 2, 82, 30022, 0	1311, BEAM , 1, 2, 224, 575, 0	1345, BEAM , 1, 2, 20, 30001, 0
1278, BEAM , 1, 2, 106, 30126, 0	1312, BEAM , 1, 2, 222, 581, 0	1346, BEAM , 1, 2, 14, 912, 0
1279, BEAM , 1, 2, 108, 30059, 0	1313, BEAM , 1, 2, 246, 607, 0	1347, BEAM , 1, 2, 12, 30070, 0
1280, BEAM , 1, 2, 110, 30161, 0	1314, BEAM , 1, 2, 248, 613, 0	1348, BEAM , 1, 2, 36, 30005, 0
1281, BEAM , 1, 2, 104, 30094, 0	1315, BEAM , 1, 2, 250, 619, 0	1349, BEAM , 1, 2, 38, 30107, 0

1350, BEAM , 1, 2, 40, 30040, 0	1384, BEAM , 1, 2, 178, 417, 0	1418, BEAM , 1, 2, 316, 761, 0
1351, BEAM , 1, 2, 34, 30142, 0	1385, BEAM , 1, 2, 180, 423, 0	1419, BEAM , 1, 2, 318, 767, 0
1352, BEAM , 1, 2, 32, 30075, 0	1386, BEAM , 1, 2, 174, 429, 0	1420, BEAM , 1, 2, 320, 773, 0
1353, BEAM , 1, 2, 56, 30010, 0	1387, BEAM , 1, 2, 172, 435, 0	1421, BEAM , 1, 2, 314, 779, 0
1354, BEAM , 1, 2, 58, 30112, 0	1388, BEAM , 1, 2, 196, 461, 0	1422, BEAM , 1, 2, 312, 785, 0
1355, BEAM , 1, 2, 60, 30045, 0	1389, BEAM , 1, 2, 198, 467, 0	1423, BEAM , 1, 2, 336, 811, 0
1356, BEAM , 1, 2, 54, 30147, 0	1390, BEAM , 1, 2, 200, 473, 0	1424, BEAM , 1, 2, 338, 817, 0
1357, BEAM , 1, 2, 52, 30080, 0	1391, BEAM , 1, 2, 194, 479, 0	1425, BEAM , 1, 2, 340, 823, 0
1358, BEAM , 1, 2, 76, 30015, 0	1392, BEAM , 1, 2, 192, 485, 0	1426, BEAM , 1, 2, 334, 829, 0
1359, BEAM , 1, 2, 78, 30117, 0	1393, BEAM , 1, 2, 216, 511, 0	1427, BEAM , 1, 2, 332, 835, 0
1360, BEAM , 1, 2, 80, 30050, 0	1394, BEAM , 1, 2, 218, 517, 0	1428, BEAM , 1, 2, 356, 861, 0
1361, BEAM , 1, 2, 74, 30152, 0	1395, BEAM , 1, 2, 220, 523, 0	1429, BEAM , 1, 2, 358, 867, 0
1362, BEAM , 1, 2, 72, 30085, 0	1396, BEAM , 1, 2, 214, 529, 0	1430, BEAM , 1, 2, 360, 873, 0
1363, BEAM , 1, 2, 96, 30020, 0	1397, BEAM , 1, 2, 212, 535, 0	1431, BEAM , 1, 2, 354, 879, 0
1364, BEAM , 1, 2, 98, 30122, 0	1398, BEAM , 1, 2, 236, 561, 0	1432, BEAM , 1, 2, 352, 885, 0
1365, BEAM , 1, 2, 100, 30055, 0	1399, BEAM , 1, 2, 238, 567, 0	1433, BEAM , 2, 5, 30170, 30187, 0
1366, BEAM , 1, 2, 94, 30157, 0	1400, BEAM , 1, 2, 240, 573, 0	1434, BEAM , 2, 5, 30171, 30188, 0
1367, BEAM , 1, 2, 92, 30090, 0	1401, BEAM , 1, 2, 234, 579, 0	1435, BEAM , 2, 5, 30172, 30189, 0
1368, BEAM , 1, 2, 116, 30025, 0	1402, BEAM , 1, 2, 232, 585, 0	1436, BEAM , 2, 5, 30173, 30190, 0
1369, BEAM , 1, 2, 118, 30127, 0	1403, BEAM , 1, 2, 256, 611, 0	1437, BEAM , 2, 5, 30174, 30191, 0
1370, BEAM , 1, 2, 120, 30060, 0	1404, BEAM , 1, 2, 258, 617, 0	1438, BEAM , 2, 5, 30175, 30192, 0
1371, BEAM , 1, 2, 114, 30162, 0	1405, BEAM , 1, 2, 260, 623, 0	1439, BEAM , 2, 5, 30176, 30193, 0
1372, BEAM , 1, 2, 112, 30095, 0	1406, BEAM , 1, 2, 254, 629, 0	1440, BEAM , 2, 5, 30177, 30194, 0
1373, BEAM , 1, 2, 136, 30030, 0	1407, BEAM , 1, 2, 252, 635, 0	1441, BEAM , 2, 5, 30178, 30195, 0
1374, BEAM , 1, 2, 138, 30132, 0	1408, BEAM , 1, 2, 276, 661, 0	1442, BEAM , 2, 5, 30179, 30196, 0
1375, BEAM , 1, 2, 140, 30065, 0	1409, BEAM , 1, 2, 278, 667, 0	1443, BEAM , 2, 5, 30180, 30197, 0
1376, BEAM , 1, 2, 134, 30167, 0	1410, BEAM , 1, 2, 280, 673, 0	1444, BEAM , 2, 5, 30181, 30198, 0
1377, BEAM , 1, 2, 132, 30100, 0	1411, BEAM , 1, 2, 274, 679, 0	1445, BEAM , 2, 5, 30182, 30199, 0
1378, BEAM , 1, 2, 156, 361, 0	1412, BEAM , 1, 2, 272, 685, 0	1446, BEAM , 2, 5, 30183, 30200, 0
1379, BEAM , 1, 2, 158, 367, 0	1413, BEAM , 1, 2, 296, 711, 0	1447, BEAM , 2, 5, 30184, 30201, 0
1380, BEAM , 1, 2, 160, 373, 0	1414, BEAM , 1, 2, 298, 717, 0	1448, BEAM , 2, 5, 30185, 30202, 0
1381, BEAM , 1, 2, 154, 379, 0	1415, BEAM , 1, 2, 300, 723, 0	1449, BEAM , 2, 5, 30186, 30203, 0
1382, BEAM , 1, 2, 152, 385, 0	1416, BEAM , 1, 2, 294, 729, 0	1450, BEAM , 2, 6, 30187, 30204, 0
1383, BEAM , 1, 2, 176, 411, 0	1417, BEAM , 1, 2, 292, 735, 0	1451, BEAM , 2, 6, 30188, 30205, 0

1452, BEAM , 2, 6, 30189, 30206, 0	1489, BEAM , 2, 7, 30243, 30244, 0	1523, BEAM , 3, 1, 1087, 1006, 0
1453, BEAM , 2, 6, 30190, 30207, 0	1490, BEAM , 2, 7, 30244, 30222, 0	1524, BEAM , 3, 1, 912, 1014, 0
1454, BEAM , 2, 6, 30191, 30208, 0	1491, BEAM , 2, 7, 30245, 30246, 0	1525, BEAM , 3, 1, 30070, 1013, 0
1455, BEAM , 2, 6, 30192, 30209, 0	1492, BEAM , 2, 7, 30246, 30223, 0	1526, BEAM , 3, 1, 30040, 1022, 0
1456, BEAM , 2, 6, 30193, 30210, 0	1493, BEAM , 2, 7, 30247, 30248, 0	1527, BEAM , 3, 1, 30107, 1025, 0
1457, BEAM , 2, 6, 30194, 30211, 0	1494, BEAM , 2, 7, 30248, 30224, 0	1528, BEAM , 3, 1, 30005, 931, 0
1458, BEAM , 2, 6, 30195, 30212, 0	1495, BEAM , 2, 7, 30249, 30250, 0	1529, BEAM , 3, 1, 30142, 939, 0
1459, BEAM , 2, 6, 30196, 30213, 0	1496, BEAM , 2, 7, 30250, 30225, 0	1530, BEAM , 3, 1, 30075, 938, 0
1460, BEAM , 2, 6, 30197, 30214, 0	1497, BEAM , 2, 7, 30251, 30252, 0	1531, BEAM , 3, 1, 30050, 1047, 0
1461, BEAM , 2, 6, 30198, 30215, 0	1498, BEAM , 2, 7, 30252, 30226, 0	1532, BEAM , 3, 1, 30117, 1050, 0
1462, BEAM , 2, 6, 30199, 30216, 0	1499, BEAM , 2, 7, 30253, 30254, 0	1533, BEAM , 3, 1, 30015, 956, 0
1463, BEAM , 2, 6, 30200, 30217, 0	1500, BEAM , 2, 7, 30254, 30227, 0	1534, BEAM , 3, 1, 30152, 964, 0
1464, BEAM , 2, 6, 30201, 30218, 0	1501, BEAM , 2, 7, 30255, 30256, 0	1535, BEAM , 3, 1, 30085, 963, 0
1465, BEAM , 2, 6, 30202, 30219, 0	1502, BEAM , 2, 7, 30256, 30228, 0	1536, BEAM , 3, 1, 30055, 972, 0
1466, BEAM , 2, 6, 30203, 30220, 0	1503, BEAM , 2, 7, 30257, 30258, 0	1537, BEAM , 3, 1, 30122, 975, 0
1467, BEAM , 2, 7, 30204, 30241, 0	1504, BEAM , 2, 7, 30258, 30229, 0	1538, BEAM , 3, 1, 30020, 1056, 0
1468, BEAM , 2, 7, 30205, 30243, 0	1505, BEAM , 2, 7, 30259, 30260, 0	1539, BEAM , 3, 1, 30157, 1064, 0
1469, BEAM , 2, 7, 30206, 30245, 0	1506, BEAM , 2, 7, 30260, 30230, 0	1540, BEAM , 3, 1, 30090, 1063, 0
1470, BEAM , 2, 7, 30207, 30247, 0	1507, BEAM , 2, 7, 30261, 30262, 0	1541, BEAM , 3, 1, 30065, 368, 0
1471, BEAM , 2, 7, 30208, 30249, 0	1508, BEAM , 2, 7, 30262, 30231, 0	1542, BEAM , 3, 1, 30132, 362, 0
1472, BEAM , 2, 7, 30209, 30251, 0	1509, BEAM , 2, 7, 30263, 30264, 0	1543, BEAM , 3, 1, 30030, 1261, 0
1473, BEAM , 2, 7, 30210, 30253, 0	1510, BEAM , 2, 7, 30264, 30232, 0	1544, BEAM , 3, 1, 30167, 374, 0
1474, BEAM , 2, 7, 30211, 30255, 0	1511, BEAM , 2, 7, 30265, 30266, 0	1545, BEAM , 3, 1, 30100, 380, 0
1475, BEAM , 2, 7, 30212, 30257, 0	1512, BEAM , 2, 7, 30266, 30233, 0	1546, BEAM , 3, 1, 373, 418, 0
1476, BEAM , 2, 7, 30213, 30259, 0	1513, BEAM , 2, 7, 30267, 30268, 0	1547, BEAM , 3, 1, 367, 412, 0
1477, BEAM , 2, 7, 30214, 30261, 0	1514, BEAM , 2, 7, 30268, 30237, 0	1548, BEAM , 3, 1, 361, 406, 0
1478, BEAM , 2, 7, 30215, 30263, 0	1515, BEAM , 2, 7, 30269, 30270, 0	1549, BEAM , 3, 1, 379, 424, 0
1479, BEAM , 2, 7, 30216, 30265, 0	1516, BEAM , 2, 7, 30270, 30238, 0	1550, BEAM , 3, 1, 385, 430, 0
1483, BEAM , 2, 7, 30217, 30267, 0	1517, BEAM , 2, 7, 30271, 30272, 0	1551, BEAM , 3, 1, 473, 518, 0
1484, BEAM , 2, 7, 30218, 30269, 0	1518, BEAM , 2, 7, 30272, 30239, 0	1552, BEAM , 3, 1, 467, 512, 0
1485, BEAM , 2, 7, 30219, 30271, 0	1519, BEAM , 2, 7, 30273, 30274, 0	1553, BEAM , 3, 1, 461, 506, 0
1486, BEAM , 2, 7, 30220, 30273, 0	1520, BEAM , 2, 7, 30274, 30240, 0	1554, BEAM , 3, 1, 479, 524, 0
1487, BEAM , 2, 7, 30241, 30242, 0	1521, BEAM , 3, 1, 30001, 922, 0	1555, BEAM , 3, 1, 485, 530, 0
1488, BEAM , 2, 7, 30242, 30221, 0	1522, BEAM , 3, 1, 999, 925, 0	1556, BEAM , 3, 1, 523, 568, 0

1557, BEAM , 3, 1, 517, 562, 0	C, YES, 0.05, 1, KSCE-LSD12(RC), , C40	; D21, D22, D23, D24, D25, D26, D27, D28 ; 6th
1558, BEAM , 3, 1, 511, 556, 0	2, CONC , C21 , 0, 0, , C, YES, 0.05, 1, KSCE-LSD12(RC), , C21	line(STYPE=VALUE) ; AREA2, ASy2, ASz2, lxx2, lyy2, lzz2 ; 7th
1559, BEAM , 3, 1, 529, 574, 0	3, CONC , C24 , 0, 0, , C, NO, 0.05, 1, KSCE-LSD12(RC), , C24	line(STYPE=VALUE) ; CyP2, CyM2, CzP2, CzM2, QyB2, QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2 ; 8th line(STYPE=VALUE)
1560, BEAM , 3, 1, 535, 580, 0	4, CONC , C27 , 0, 0, , C, YES, 0.05, 1, KSCE-LSD12(RC), , C27	; Y21, Y22, Y23, Y24, Z21, Z22, Z23, Z24, Zyy2, Zzz2 ; 9th
1561, BEAM , 3, 1, 623, 668, 0	*MATL-COLOR ; iMAT, W_R, W_G, W_B, HF_R, HF_G, HF_B, HE_R, HE_G, HE_B, bBLEND, FACT	line(STYPE=VALUE) ; OPT1, OPT2, [JOINT] ; 2nd
1562, BEAM , 3, 1, 617, 662, 0	1, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5	line(STYPE=PSC) ; ELAST, DEN, POIS, POIC ; 2nd
1563, BEAM , 3, 1, 611, 656, 0	2, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5	line(STYPE=PSC-CMPW) ; bSHEARCHK, [SCHK-I], [SCHK-J], [WT-I], [WT-J], WI, WJ, bSYM, bSIDEHOLE ; 3rd line(STYPE=PSC)
1564, BEAM , 3, 1, 629, 674, 0	4, 255, 0, 0, 0, 255, 0, 0, 0, 255, NO, 0.5	; bSHEARCHK, bSYM, bHUNCH, [CMPWEB-I], [CMPWEB-J] ; 3rd line(STYPE=PSC-CMPW)
1565, BEAM , 3, 1, 635, 680, 0	*SECTION ; Section ; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, [DATA1], [DATA2] ; 1st line - DB/USER	; bUSERDEFMESH SIZE, MESH SIZE, bUSERINPSTIFF, [STIFF-I], [STIFF-J] ; 4th line(STYPE=PSC)
1566, BEAM , 3, 1, 673, 718, 0	; iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, BLT, D1, ..., D8, iCEL ; 1st line - VALUE	; [SIZE-A]-i ; 5th
1567, BEAM , 3, 1, 667, 712, 0	AREA, ASy, ASz, lxx, lyy, lzz ; 2nd line	line(STYPE=PSC) ; [SIZE-B]-i ; 6th
1568, BEAM , 3, 1, 661, 706, 0	CyP, CyM, CzP, CzM, QyB, QzB, PERI_OUT, PERI_IN, Cy, Cz ; 3rd line	line(STYPE=PSC) ; [SIZE-C]-i ; 7th
1569, BEAM , 3, 1, 679, 724, 0	Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy, Zzz ; 4th line	line(STYPE=PSC) ; [SIZE-D]-i ; 8th
1570, BEAM , 3, 1, 685, 730, 0	iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, ELAST, DEN, POIS, POIC, SF ; 1st line - SRC	line(STYPE=PSC) ; [SIZE-A]-j ; 9th
1571, BEAM , 3, 1, 773, 818, 0	D1, D2, [SRC] ; 2nd line	line(STYPE=PSC) ; [SIZE-B]-j ; 10th
1572, BEAM , 3, 1, 767, 812, 0	iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 1, DB, NAME1, NAME2, D1, D2 ; 1st line - COMBINED	line(STYPE=PSC) ; [SIZE-C]-j ; 11th
1573, BEAM , 3, 1, 761, 806, 0	iSEC, TYPE, SNAME, [OFFSET], bSD, SHAPE, 2, D11, D12, D13, D14, D15, D21, D22, D23, D24	line(STYPE=PSC) ; [SIZE-D]-j ; 12th
1574, BEAM , 3, 1, 779, 824, 0	iSEC, TYPE, SNAME, [OFFSET2], bSD, SHAPE, iyVAR, izVAR, STYPE ; 1st line - TAPERED	line(STYPE=PSC) ; GN, CTC, Bc, Tc, Hh, EsEc, DsDc, Ps, Pc, bMULTI, EsEc-L, EsEc-S ; 2nd line(STYPE=CMP-B/I)
1575, BEAM , 3, 1, 785, 830, 0	DB, NAME1, NAME2 ; 2nd	; SW_i, Hw_i, tw_i, B_i, Bf1_i, tf1_i, B2_i, Bf2_i, tf2_i ; 3rd
1576, BEAM , 3, 1, 823, 868, 0	line(STYPE=DB) ; [DIM1], [DIM2] ; 2nd	line(STYPE=CMP-B/I) ; SW_j, Hw_j, tw_j, B_j, Bf1_j, tf1_j, B2_j, Bf2_j, tf2_j ; 4th
1577, BEAM , 3, 1, 817, 862, 0	line(STYPE=USER) ; D11, D12, D13, D14, D15, D16, D17, D18 ; 2nd	line(STYPE=CMP-B/I) ; N1, N2, Hr, Hr2, tr1, tr2 ; 5th
1578, BEAM , 3, 1, 811, 856, 0	line(STYPE=VALUE) ; AREA1, ASy1, ASz1, lxx1, lyy1, lzz1 ; 3rd	line(STYPE=CMP-B) ; GN, CTC, Bc, Tc, Hh, EgD Esb, DgdDsb, Pgd, Psb, bSYM, SW_i, SW_j ; 2nd line(STYPE=CMP-CI/CT)
1579, BEAM , 3, 1, 829, 874, 0	line(STYPE=VALUE) ; CyP1, CyM1, CzP1, CzM1, QyB1, QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1 ; 4th line(STYPE=VALUE)	; OPT1, OPT2, [JOINT] ; 3rd
1580, BEAM , 3, 1, 835, 880, 0	line(STYPE=VALUE) ; Y11, Y12, Y13, Y14, Z11, Z12, Z13, Z14, Zyy1, Zyy2 ; 5th	
*GROUP ; Group ; NAME, NODE_LIST, ELEM_LIST, PLANE_TYPE		
받침부 , 1to360, , 0		
*MATERIAL ; Material ; iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA1] ; STEEL, CONC, USER		
; iMAT, TYPE, MNAME, SPHEAT, HEATCO, PLAST, TUNIT, bMASS, DAMPRATIO, [DATA2], [DATA2] ; SRC		
; [DATA1] : 1, DB, NAME, CODE		
; [DATA1] : 2, ELAST, POISN, THERMAL, DEN, MASS		
; [DATA1] : 3, Ex, Ey, Ez, Tx, Ty, Tz, Sxy, Sxz, Syz, Pxy, Pxz, Pyz, DEN, MASS ; Orthotropic		
; [DATA2] : 1, DB, NAME, CODE or 2, ELAST, POISN, THERMAL, DEN, MASS		
1, CONC , C40 , 0, 0, ,		

line(STYPE=CMP-CI/CT)		7th line	, , NO, NO, NO, NO, NO, NO, NO,
;	[SIZE-A]-i	: iSEC, TYPE, SNAME, [OFFSET], bSD,	NO, NO
	;	4th S H A P E	YES, YES, 1.75, YES, 0.02, NO, 0,
line(STYPE=CMP-CI/CT)		: 1st line - PSC	NO, 0, NO, 0, NO, 0, 0, YES, NO
;	[SIZE-B]-i	: OPT1, OPT2, [JOINT]	NO, , NO, , , , ,
	;	5th ; 2nd	0, 0.14, 0.01, 0, 0, 1.73, 0.01, 0, 0,
line(STYPE=CMP-CI/CT)		line	0.01
;	[SIZE-C]-i	: bSHEARCHK, [SCHK], [WT], WIDTH,	0.265, 0.3, 0, 0, 0.275, 0, 0
	;	6th bSYM, bSIDEHOLE ;	0.14, 0.01, 0, 0, 1.73, 0.01, 0, 0,
line(STYPE=CMP-CI/CT)		3rd line	0.01
;	[SIZE-D]-i	: bUSERDEFMESH SIZE, MESH SIZE,	0.265, 0.3, 0, 0, 0.275, 0, 0
	;	7th bUSERINPSTIFF, [STIFF]	3, TAPERED , PSC-tap ,
line(STYPE=CMP-CI/CT)		: 4th line	CB, 0, 0, 0, 0, 0, 0, 0, YES, PSCI, 1, 1,
;	[SIZE-A]-j	: [SIZE-A]	PSC
	;	8th ; 5th line	, , NO, NO, NO, NO, NO, NO, NO,
line(STYPE=CMP-CI/CT)		: [SIZE-B]	NO, NO
;	[SIZE-B]-j	: 6th line	YES, YES, 0, YES, 0, YES, 0, YES, 0,
	;	9th ; [SIZE-C]	YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,
line(STYPE=CMP-CI/CT)		: 7th line	YES, 0, YES, 0, YES, 0, 0, 0, YES, NO
;	[SIZE-C]-j	: [SIZE-D]	NO, , NO, , , , , , , , ,
	;	10th ; 8th line	0, 0.14, 0.09, 0, 0, 1.32, 0.15, 0, 0,
line(STYPE=CMP-CI/CT)		: [DATA1] : 1, DB, NAME or 2, D1, D2, D3,	0.2
;	[SIZE-D]-j	D4, D5, D6, D7, D8, D9, D10	0.075, 0.3, 0, 0, 0.275, 0, 0
	;	11th : [DATA2] : CCSHAPE or ICEL or iN1, iN2	0.14, 0.09, 0, 0, 1.32, 0.15, 0, 0, 0.2
line(STYPE=CMP-CI/CT)		: [SRC] : 1, DB, NAME1, NAME2 or 2, D1,	0.075, 0.3, 0, 0, 0.275, 0, 0
;	iSEC, TYPE, SNAME, [OFFSET], bSD,	D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1,	0, 0.14, 0.01, 0, 0, 1.73, 0.01, 0, 0,
STYLE1,	STYLE2	iN2	0.01
: 1st line - CONSTRUCT		: [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6,	0.265, 0.3, 0, 0, 0.275, 0, 0
;	SHAPE, ...(same with other type data	D7, D8	0.14, 0.01, 0, 0, 1.73, 0.01, 0, 0,
from shape)	: Before	: [OFFSET] : OFFSET, ICENT, IREF, iHORZ,	0.01
(STYLE1)		HUSER, iVERT, VUSER	0.265, 0.3, 0, 0, 0.275, 0, 0
;	SHAPE, ...(same with other type data	: [OFFSET2]: OFFSET, ICENT, IREF, iHORZ,	4, DBUSER , cross , CB,
from shape)	: After	HUSERI, HUSERJ, iVERT, VUSERI, VUSERJ	0, 0, 0, 0, 1, 1, YES, SB , 2, 1.7, 0.4, 0, 0,
(STYLE2)		: [JOINT] : 8(1CELL, 2CELL), 13(3CELL),	0, 0, 0, 0, 0, 0
;	iSEC, TYPE, SNAME, [OFFSET], bSD,	9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB),	5, DBUSER , COP1 ,
S H A P E		0(nCELL), 2(nCEL2)	CC, 0, 0, 0, 0, 0, 0, YES, SB , 2, 2, 10.4,
: 1st line - COMPOSITE-SB		: [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL),	0, 0, 0, 0, 0, 0, 0, 0
;	Hw, tw, B, Bf1, Bf2, Bf2, tf2	10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB),	6, TAPERED , COP2 ,
	: 2nd line	5(nCELL), 11(nCEL2)	CC, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1,
;	N1, N2, Hr, Hr2, tr1, tr2	: [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL),	USER
	: 3rd line	6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB),	2, 10.4, 0, 0, 0, 0, 0, 0, 2, 3.2, 0,
;	SW, GN, CTC, Bc, Tc, Hh, EsEc,	8(nCELL), 18(nCEL2)	0, 0, 0, 0, 0
DsDc, Ps, Pc, bMulti, Elong, Esh	;	: [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL),	7, DBUSER , Pier , CC,
4th line		9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB),	0, 0, 0, 0, 0, 0, YES, SB , 2, 2, 3.2, 0, 0,
;	iSEC, TYPE, SNAME, [OFFSET], bSD,	0(nCELL), 11(nCEL2)	0, 0, 0, 0, 0, 0
S H A P E		: [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL),	*SECT-COLOR
: 1st line - COMPOSITE-SI		6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB),	: iSEC, W_R, W_G, W_B, HF_R, HF_G, HF_B,
;	Hw, tw, B, Bf1, Bf2, tf2	0(nCELL), 18(nCEL2)	HE_R, HE_G, HE_B, bBLEND, FACT
	: 2nd line	: [STIFF] : AREA, ASy, ASz, lxx, lyy, lzz	1, 255, 0, 0, 0, 255, 0, 0,
;	SW, GN, CTC, Bc, Tc, Hh, EsEc,	: [SCHK] : bAUTO_Z1, Z1, bAUTO_Z3, Z3	0, 255, NO, 0.5
DsDc, Ps, Pc, bMulti, Elong, Esh	;	: [WT] : bAUTO_TOR, TOR,	2, 255, 0, 0, 0, 255, 0, 0,
3rd line		bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2,	0, 255, NO, 0.5
;	iSEC, TYPE, SNAME, [OFFSET], bSD,	bAUTO_SHR3, SHR3	3, 255, 0, 0, 0, 255, 0, 0,
S H A P E		: [CMPWEB] : EFD, LRF, A, B, H, T	0, 255, NO, 0.5
: 1st line - COMPOSITE-CI/CT		1, PSC , PSC b-b , CB,	4, 255, 0, 0, 0, 255, 0, 0,
;	OPT1, OPT2, [JOINT]	0, 0, 0, 0, 0, 0, YES, PSCI	0, 255, NO, 0.5
	;	2nd , , NO, NO, NO, NO, NO, NO, NO,	5, 255, 0, 0, 0, 255, 0, 0,
line		NO, NO	0, 255, NO, 0.5
;	[SIZE-A]	YES, YES, 1.67, YES, 0.35, NO, 0,	6, 255, 0, 0, 0, 255, 0, 0,
	: 3rd line	NO, 0, NO, 0, NO, 0, 0, YES, NO	0, 255, NO, 0.5
;	[SIZE-B]	NO, , NO, , , , ,	7, 255, 0, 0, 0, 255, 0, 0,
	: 4th line	0, 0.14, 0.09, 0, 0, 1.32, 0.15, 0, 0,	0, 255, NO, 0.5
;	[SIZE-C]	0.2	*DGN-SECT
	: 5th line	0.075, 0.3, 0, 0, 0.275, 0, 0	: iSEC, TYPE, SNAME, [OFFSET], bSD,
;	[SIZE-D]	0.14, 0.09, 0, 0, 1.32, 0.15, 0, 0, 0.2	SHAPE, [DATA1], [DATA2]
	: 6th line	0.075, 0.3, 0, 0, 0.275, 0, 0	: 1st line - DB/USER
;	SW, GN, CTC, Bc, Tc, Hh, EgDsb,	2, PSC , PSC a-a , CB,	: iSEC, TYPE, SNAME, [OFFSET], bSD,
DgdDsb, Pgd, Psb	;	0, 0, 0, 0, 0, 0, YES, PSCI	SHAPE, BLT, D1, ..., D8, iCEL ;

```

1st line - VALUE
; AREA, ASy, ASz, lxx, lyy, lzz line(STYPE=PSC)
; 2nd line
; CyP, CyM, CzP, CzM, QyB, QzB,
PERI_OUT, PERI_IN, Cy, Cz line(STYPE=PSC)
3rd line
; Y1, Y2, Y3, Y4, Z1, Z2, Z3, Z4, Zyy,
Zzz line(STYPE=PSC)
; 4th line
; ISEC, TYPE, SNAME, [OFFSET], bSD,
SHAPE, ELAST, DEN, POIS, POIC, SF
; 1st line - SRC line(STYPE=PSC)
; D1, D2, [SRC]
; 2nd line
; ISEC, TYPE, SNAME, [OFFSET], bSD,
SHAPE, 1, DB, NAME1, NAME2, D1, D2
; 1st line - COMBINED
; ISEC, TYPE, SNAME, [OFFSET], bSD,
SHAPE, 2, D11, D12, D13, D14, D15, D21,
D22, D23, D24
; ISEC, TYPE, SNAME, [OFFSET2], bSD,
SHAPE, iyVAR, izVAR, STYPE
; 1st line - TAPERED
; DB, NAME1, NAME2 line(STYPE=PSC)
; 2nd
line(STYPE=DB)
; [DIM1], [DIM2]
; 2nd
line(STYPE=USER)
; D11, D12, D13, D14, D15, D16, D17,
D18
; 2nd
line(STYPE=VALUE)
; AREA1, ASy1, ASz1, lxx1, lyy1, lzz1
; 3rd
line(STYPE=VALUE)
; CyP1, CyM1, CzP1, CzM1, QyB1,
QzB1, PERI_OUT1, PERI_IN1, Cy1, Cz1
; 4th line(STYPE=VALUE)
; Y11, Y12, Y13, Y14, Z11, Z12, Z13,
Z14, Zyy1, Zyy2
; 5th
line(STYPE=VALUE)
; D21, D22, D23, D24, D25, D26, D27,
D28
; 6th
line(STYPE=VALUE)
; AREA2, ASy2, ASz2, lxx2, lyy2, lzz2
; 7th
line(STYPE=VALUE)
; CyP2, CyM2, CzP2, CzM2, QyB2,
QzB2, PERI_OUT2, PERI_IN2, Cy2, Cz2
; 8th line(STYPE=VALUE)
; Y21, Y22, Y23, Y24, Z21, Z22, Z23,
Z24, Zyy2, Zzz2
; 9th
line(STYPE=VALUE)
; OPT1, OPT2, [JOINT]
; 2nd
line(STYPE=PSC)
; ELAST, DEN, POIS, POIC
; 2nd
line(STYPE=PSC-CMPW)
; bSHEARCHK, [SCHK-I], [SCHK-J],
[WT-I], [WT-J], WI, WJ, bSYM, bSIDEHOLE
; 3rd line(STYPE=PSC)
; bSHEARCHK, bSYM, bHUNCH,
[CMPEWEB-I], [CMPEWEB-J]
; 3rd line(STYPE=PSC-CMPW)
; bUSERDEFMESH SIZE, MESH SIZE,
bUSERINPSTIFF, [STIFF-I], [STIFF-J]
; 4th line(STYPE=PSC)
; [SIZE-A]-i
; 1st line - CONSTRUCT

; 5th
; SHAPE, ...(same with other type data
from shape)
; Before
[SIZE-B]-i (STYPE1)
; 6th
; SHAPE, ...(same with other type data
from shape)
; After
[SIZE-C]-i (STYPE2)
; 7th
; ISEC, TYPE, SNAME, [OFFSET], bSD,
S H A P E
[SIZE-D]-i
; 1st line - COMPOSITE-SB
; 8th
; Hw, tw, B, Bf1, tf1, B2, Bf2, tf2
; 2nd line
; N1, N2, Hr, Hr2, tr1, tr2
; 3rd line
; SW, GN, CTC, Bc, Tc, Hh, EsEc,
DsDc, Ps, Pc, bMulti, Elong, Esh
; 4th line
; ISEC, TYPE, SNAME, [OFFSET], bSD,
S H A P E
[SIZE-C]-j
; 1st line - COMPOSITE-SI
; Hw, tw, B, tf1, B2, tf2
; 2nd line
; SW, GN, CTC, Bc, Tc, Hh, EsEc,
DsDc, Ps, Pc, bMulti, Elong, Esh
; 3rd line
; ISEC, TYPE, SNAME, [OFFSET], bSD,
S H A P E
[SIZE-D]-j
; 12th
; SW, GN, CTC, Bc, Tc, Hh, EsEc,
DsDc, Ps, Pc, bMulti, Elong, Esh
; 3rd line
; ISEC, TYPE, SNAME, [OFFSET], bSD,
S H A P E
[SIZE-D]-j
; 1st line - COMPOSITE-CI/CT
; OPT1, OPT2, [JOINT]
; 2nd
line
; [SIZE-A]
; 3rd line
; [SIZE-B]
; 4th line
; [SIZE-C]
; 5th line
; [SIZE-D]
; 6th line
; SW, GN, CTC, Bc, Tc, Hh, EsEc,
DgdDsb, Pgd, Psb
; 7th line
; ISEC, TYPE, SNAME, [OFFSET], bSD,
S H A P E
; 1st line - PSC
; OPT1, OPT2, [JOINT]
; 2nd
line
; bSHEARCHK, [SCHK], [WT], WIDTH,
bSYM, bSIDEHOLE
; 3rd line
; bUSERDEFMESH SIZE, MESH SIZE,
bUSERINPSTIFF, [STIFF]
; 4th line
; [SIZE-A]
; 5th line
; [SIZE-B]
; 6th line
; [SIZE-C]
; 7th line
; [SIZE-D]
; 8th line
; [DATA1] : 1, DB, NAME or 2, D1, D2, D3,
D4, D5, D6, D7, D8, D9, D10
; [DATA2] : CCSHAPE or iCEL or iN1, iN2
; [SRC] : 1, DB, NAME1, NAME2 or 2, D1,
D2, D3, D4, D5, D6, D7, D8, D9, D10, iN1,
iN2
; [DIM1], [DIM2] : D1, D2, D3, D4, D5, D6,

```

D7, D8	0.14, 0.01, 0, 0, 1.73, 0.01, 0, 0,	195,	151,	153, RIGID,	0, NO, 0.5,
: [OFFSET] : OFFSET, ICENT, IREF, IHORZ,	0.01	0.5,			
HUSER, IVERT, VUSER	0.265, 0.3, 0, 0, 0.275, 0, 0	196,	161,	163, RIGID,	0, NO, 0.5,
: [OFFSET2]: OFFSET, ICENT, IREF, IHORZ,	4, DBUSER , cross , CB,	0.5,			
HUSERI, HUSERJ, IVERT, VUSERI, VUSERJ	0, 0, 0, 0, 1, 1, YES, SB , 2, 1.7, 0.4, 0, 0,	197,	171,	173, RIGID,	0, NO, 0.5,
: [JOINT] : 8(1CELL, 2CELL), 13(3CELL),	0, 0, 0, 0, 0, 0	0.5,			
9(PSCM), 8(PSCH), 9(PSCT), 2(PSCB),	5, DBUSER , COP1 ,	198,	181,	183, RIGID,	0, NO, 0.5,
0(nCELL), 2(nCEL2)	CC, 0, 0, 0, 0, 0, 0, YES, SB , 2, 2, 10.4,	0.5,			
: [SIZE-A] : 6(1CELL, 2CELL), 10(3CELL),	0, 0, 0, 0, 0, 0, 0, 0	199,	191,	193, RIGID,	0, NO, 0.5,
10(PSCM), 6(PSCH), 8(PSCT), 10(PSCB),	6, TAPERED , COP2 ,	0.5,			
5(nCELL), 11(nCEL2)	CC, 0, 0, 0, 0, 0, 0, 0, YES, SB , 1, 1,	200,	201,	203, RIGID,	0, NO, 0.5,
: [SIZE-B] : 6(1CELL, 2CELL), 12(3CELL),	USER	0.5,			
6(PSCM), 6(PSCH), 8(PSCT), 6(PSCB),	2, 10.4, 0, 0, 0, 0, 0, 0, 2, 3.2, 0,	201,	211,	213, RIGID,	0, NO, 0.5,
8(nCELL), 18(nCEL2)	0, 0, 0, 0, 0	0.5,			
: [SIZE-C] : 10(1CELL, 2CELL), 13(3CELL),	7, DBUSER , Pier , CC,	202,	221,	223, RIGID,	0, NO, 0.5,
9(PSCM), 10(PSCH), 7(PSCT), 8(PSCB),	0, 0, 0, 0, 0, 0, YES, SB , 2, 2, 3.2, 0, 0,	0.5,			
0(nCELL), 11(nCEL2)	0, 0, 0, 0, 0, 0	203,	231,	233, RIGID,	0, NO, 0.5,
: [SIZE-D] : 8(1CELL, 2CELL), 13(3CELL),	*STLDCASE : Static Load Cases	0.5,			
6(PSCM), 7(PSCH), 8(PSCT), 5(PSCB),	: LCNAME, LCTYPE, DESC	204,	241,	243, RIGID,	0, NO, 0.5,
0(nCELL), 18(nCEL2)	고정하중, USER,	0.5,			
: [STIFF] : AREA, ASy, ASz, Ixx, Iyy, Izz	2차 고정하중, USER,	205,	251,	253, RIGID,	0, NO, 0.5,
: [SCHK] : bAUTO_Z1, Z1, bAUTO_Z3, Z3	*CONSTRAINT : Supports	0.5,			
: [WT] : bAUTO_TOR, TOR,	: NODE_LIST, CONST(Dx,Dy,Dz,Rx,Ry,Rz),	206,	261,	263, RIGID,	0, NO, 0.5,
bAUTO_SHR1, SHR1, bAUTO_SHR2, SHR2,	GROUP	0.5,			
bAUTO_SHR3, SHR3	1to9by2 351to359by2 30221to30233	207,	271,	273, RIGID,	0, NO, 0.5,
: [CMPWEB] : EFD, LRF, A, B, H, T	30237to30240, 111111,	0.5,			
1, PSC , PSC b-b , CB,	*ELASTICLINK	208,	281,	283, RIGID,	0, NO, 0.5,
0, 0, 0, 0, 0, 0, YES, PSCI	: iNO, iNODE1, iNODE2, LINK, ANGLE, SDx,	0.5,			
NO, NO	SDy, SDz, SRx, SRy, SRz, bSHEAR, DRy,	209,	291,	293, RIGID,	0, NO, 0.5,
YES, YES, 1.67, YES, 0.35, NO, 0,	DRz, GROUP : GEN	0.5,			
NO, 0, NO, 0, NO, 0, 0, YES, NO	: iNO, iNODE1, iNODE2, LINK, ANGLE,	210,	301,	303, RIGID,	0, NO, 0.5,
NO, , NO, , , , ,	bSHEAR, DRy, DRz, GROUP	0.5,			
0, 0.14, 0.09, 0, 0, 1.32, 0.15, 0, 0,	: RIGID	211,	311,	313, RIGID,	0, NO, 0.5,
0.2	: iNO, iNODE1, iNODE2, LINK, ANGLE, SDx,	0.5,			
0.075, 0.3, 0, 0, 0.275, 0, 0	bSHEAR, DRy, DRz, GROUP	212,	321,	323, RIGID,	0, NO, 0.5,
0.14, 0.09, 0, 0, 1.32, 0.15, 0, 0, 0.2	: TENS,COMP	0.5,			
0.075, 0.3, 0, 0, 0.275, 0, 0	: iNO, iNODE1, iNODE2, LINK, ANGLE,	213,	331,	333, RIGID,	0, NO, 0.5,
2, PSC , PSC a-a , CB,	(UN)SYM, NUM, DIST1, FORCE1 ... DIST10,	0.5,			
0, 0, 0, 0, 0, 0, YES, PSCI	FORCE10, DIR, bSHEAR, DRENDI, GROUP :	214,	341,	343, RIGID,	0, NO, 0.5,
NO, NO	MULTI LINEAR	0.5,			
YES, YES, 1.75, YES, 0.02, NO, 0,	181, 11, 13, RIGID, 0, NO, 0.5,	215,	13,	15, RIGID,	0, NO, 0.5,
NO, 0, NO, 0, NO, 0, 0, YES, NO	0.5,	0.5,			
NO, , NO, , , , ,	182, 21, 23, RIGID, 0, NO, 0.5,	216,	23,	25, RIGID,	0, NO, 0.5,
0, 0.14, 0.01, 0, 0, 1.73, 0.01, 0, 0,	0.5,	0.5,			
0.01	183, 31, 33, RIGID, 0, NO, 0.5,	217,	33,	35, RIGID,	0, NO, 0.5,
0.265, 0.3, 0, 0, 0.275, 0, 0	0.5,	0.5,			
0.14, 0.01, 0, 0, 1.73, 0.01, 0, 0,	184, 41, 43, RIGID, 0, NO, 0.5,	218,	43,	45, RIGID,	0, NO, 0.5,
0.01	0.5,	0.5,			
0.265, 0.3, 0, 0, 0.275, 0, 0	185, 51, 53, RIGID, 0, NO, 0.5,	219,	53,	55, RIGID,	0, NO, 0.5,
3, TAPERED , PSC-tap ,	0.5,	0.5,			
CB, 0, 0, 0, 0, 0, 0, 0, YES, PSCI, 1, 1,	186, 61, 63, RIGID, 0, NO, 0.5,	220,	63,	65, RIGID,	0, NO, 0.5,
PSC	0.5,	0.5,			
NO, NO	187, 71, 73, RIGID, 0, NO, 0.5,	221,	73,	75, RIGID,	0, NO, 0.5,
YES, YES, 0, YES, 0, YES, 0, YES, 0,	0.5,	0.5,			
YES, 0, YES, 0, YES, 0, YES, 0, YES, 0,	188, 81, 83, RIGID, 0, NO, 0.5,	222,	83,	85, RIGID,	0, NO, 0.5,
YES, 0, YES, 0, YES, 0, 0, 0, YES, NO	0.5,	0.5,			
NO, , NO, , , , , , , , ,	189, 91, 93, RIGID, 0, NO, 0.5,	223,	93,	95, RIGID,	0, NO, 0.5,
0, 0.14, 0.09, 0, 0, 1.32, 0.15, 0, 0,	0.5,	0.5,			
0.2	190, 101, 103, RIGID, 0, NO, 0.5,	224,	103,	105, RIGID,	0, NO, 0.5,
0.075, 0.3, 0, 0, 0.275, 0, 0	0.5,	0.5,			
0.14, 0.09, 0, 0, 1.32, 0.15, 0, 0, 0.2	191, 111, 113, RIGID, 0, NO, 0.5,	225,	113,	115, RIGID,	0, NO, 0.5,
0.075, 0.3, 0, 0, 0.275, 0, 0	0.5,	0.5,			
0, 0.14, 0.01, 0, 0, 1.73, 0.01, 0, 0,	192, 121, 123, RIGID, 0, NO, 0.5,	226,	123,	125, RIGID,	0, NO, 0.5,
0.01	0.5,	0.5,			
0.265, 0.3, 0, 0, 0.275, 0, 0	193, 131, 133, RIGID, 0, NO, 0.5,	227,	133,	135, RIGID,	0, NO, 0.5,
	0.5,	0.5,			
	194, 141, 143, RIGID, 0, NO, 0.5,	228,	143,	145, RIGID,	0, NO, 0.5,
	0.5,	0.5,			

229, 0.5,	153,	155, RIGID,	0, NO, 0.5,	263, 0.5,	155,	157, RIGID,	0, NO, 0.5,	297, 0.5,	157,	159, RIGID,	0, NO, 0.5,
230, 0.5,	163,	165, RIGID,	0, NO, 0.5,	264, 0.5,	165,	167, RIGID,	0, NO, 0.5,	298, 0.5,	167,	169, RIGID,	0, NO, 0.5,
231, 0.5,	173,	175, RIGID,	0, NO, 0.5,	265, 0.5,	175,	177, RIGID,	0, NO, 0.5,	299, 0.5,	177,	179, RIGID,	0, NO, 0.5,
232, 0.5,	183,	185, RIGID,	0, NO, 0.5,	266, 0.5,	185,	187, RIGID,	0, NO, 0.5,	300, 0.5,	187,	189, RIGID,	0, NO, 0.5,
233, 0.5,	193,	195, RIGID,	0, NO, 0.5,	267, 0.5,	195,	197, RIGID,	0, NO, 0.5,	301, 0.5,	197,	199, RIGID,	0, NO, 0.5,
234, 0.5,	203,	205, RIGID,	0, NO, 0.5,	268, 0.5,	205,	207, RIGID,	0, NO, 0.5,	302, 0.5,	207,	209, RIGID,	0, NO, 0.5,
235, 0.5,	213,	215, RIGID,	0, NO, 0.5,	269, 0.5,	215,	217, RIGID,	0, NO, 0.5,	303, 0.5,	217,	219, RIGID,	0, NO, 0.5,
236, 0.5,	223,	225, RIGID,	0, NO, 0.5,	270, 0.5,	225,	227, RIGID,	0, NO, 0.5,	304, 0.5,	227,	229, RIGID,	0, NO, 0.5,
237, 0.5,	233,	235, RIGID,	0, NO, 0.5,	271, 0.5,	235,	237, RIGID,	0, NO, 0.5,	305, 0.5,	237,	239, RIGID,	0, NO, 0.5,
238, 0.5,	243,	245, RIGID,	0, NO, 0.5,	272, 0.5,	245,	247, RIGID,	0, NO, 0.5,	306, 0.5,	247,	249, RIGID,	0, NO, 0.5,
239, 0.5,	253,	255, RIGID,	0, NO, 0.5,	273, 0.5,	255,	257, RIGID,	0, NO, 0.5,	307, 0.5,	257,	259, RIGID,	0, NO, 0.5,
240, 0.5,	263,	265, RIGID,	0, NO, 0.5,	274, 0.5,	265,	267, RIGID,	0, NO, 0.5,	308, 0.5,	267,	269, RIGID,	0, NO, 0.5,
241, 0.5,	273,	275, RIGID,	0, NO, 0.5,	275, 0.5,	275,	277, RIGID,	0, NO, 0.5,	309, 0.5,	277,	279, RIGID,	0, NO, 0.5,
242, 0.5,	283,	285, RIGID,	0, NO, 0.5,	276, 0.5,	285,	287, RIGID,	0, NO, 0.5,	310, 0.5,	287,	289, RIGID,	0, NO, 0.5,
243, 0.5,	293,	295, RIGID,	0, NO, 0.5,	277, 0.5,	295,	297, RIGID,	0, NO, 0.5,	311, 0.5,	297,	299, RIGID,	0, NO, 0.5,
244, 0.5,	303,	305, RIGID,	0, NO, 0.5,	278, 0.5,	305,	307, RIGID,	0, NO, 0.5,	312, 0.5,	307,	309, RIGID,	0, NO, 0.5,
245, 0.5,	313,	315, RIGID,	0, NO, 0.5,	279, 0.5,	315,	317, RIGID,	0, NO, 0.5,	313, 0.5,	317,	319, RIGID,	0, NO, 0.5,
246, 0.5,	323,	325, RIGID,	0, NO, 0.5,	280, 0.5,	325,	327, RIGID,	0, NO, 0.5,	314, 0.5,	327,	329, RIGID,	0, NO, 0.5,
247, 0.5,	333,	335, RIGID,	0, NO, 0.5,	281, 0.5,	335,	337, RIGID,	0, NO, 0.5,	315, 0.5,	337,	339, RIGID,	0, NO, 0.5,
248, 0.5,	343,	345, RIGID,	0, NO, 0.5,	282, 0.5,	345,	347, RIGID,	0, NO, 0.5,	316, 0.5,	347,	349, RIGID,	0, NO, 0.5,
249, 0.5,	15,	17, RIGID,	0, NO, 0.5,	283, 0.5,	17,	19, RIGID,	0, NO, 0.5,	317, 0.5,	15, 30170,	RIGID,	0, NO, 0.5,
250, 0.5,	25,	27, RIGID,	0, NO, 0.5,	284, 0.5,	27,	29, RIGID,	0, NO, 0.5,	318, 0.5,	35, 30171,	RIGID,	0, NO, 0.5,
251, 0.5,	35,	37, RIGID,	0, NO, 0.5,	285, 0.5,	37,	39, RIGID,	0, NO, 0.5,	319, 0.5,	55, 30172,	RIGID,	0, NO, 0.5,
252, 0.5,	45,	47, RIGID,	0, NO, 0.5,	286, 0.5,	47,	49, RIGID,	0, NO, 0.5,	320, 0.5,	75, 30173,	RIGID,	0, NO, 0.5,
253, 0.5,	55,	57, RIGID,	0, NO, 0.5,	287, 0.5,	57,	59, RIGID,	0, NO, 0.5,	321, 0.5,	95, 30174,	RIGID,	0, NO, 0.5,
254, 0.5,	65,	67, RIGID,	0, NO, 0.5,	288, 0.5,	67,	69, RIGID,	0, NO, 0.5,	322, 0.5,	115, 30175,	RIGID,	0, NO, 0.5,
255, 0.5,	75,	77, RIGID,	0, NO, 0.5,	289, 0.5,	77,	79, RIGID,	0, NO, 0.5,	323, 0.5,	135, 30176,	RIGID,	0, NO, 0.5,
256, 0.5,	85,	87, RIGID,	0, NO, 0.5,	290, 0.5,	87,	89, RIGID,	0, NO, 0.5,	324, 0.5,	155, 30177,	RIGID,	0, NO, 0.5,
257, 0.5,	95,	97, RIGID,	0, NO, 0.5,	291, 0.5,	97,	99, RIGID,	0, NO, 0.5,	325, 0.5,	175, 30178,	RIGID,	0, NO, 0.5,
258, 0.5,	105,	107, RIGID,	0, NO, 0.5,	292, 0.5,	107,	109, RIGID,	0, NO, 0.5,	326, 0.5,	195, 30179,	RIGID,	0, NO, 0.5,
259, 0.5,	115,	117, RIGID,	0, NO, 0.5,	293, 0.5,	117,	119, RIGID,	0, NO, 0.5,	327, 0.5,	215, 30180,	RIGID,	0, NO, 0.5,
260, 0.5,	125,	127, RIGID,	0, NO, 0.5,	294, 0.5,	127,	129, RIGID,	0, NO, 0.5,	328, 0.5,	235, 30181,	RIGID,	0, NO, 0.5,
261, 0.5,	135,	137, RIGID,	0, NO, 0.5,	295, 0.5,	137,	139, RIGID,	0, NO, 0.5,	329, 0.5,	255, 30182,	RIGID,	0, NO, 0.5,
262, 0.5,	145,	147, RIGID,	0, NO, 0.5,	296, 0.5,	147,	149, RIGID,	0, NO, 0.5,	330, 0.5,	275, 30183,	RIGID,	0, NO, 0.5,

105,	326,	325, NES 1350, , 0,	0,	173,	282,	281, NES 1350, , 0,	0,	0, , NO, 0, 0, NO
106,	336,	335, NES 1350, , 0,	0,	174,	292,	291, NES 1350, , 0,	0,	19, BEAM , UNILoad, GZ, NO , NO,
107,	346,	345, NES 1350, , 0,	0,	175,	302,	301, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
108,	356,	355, NES 1350, , 0,	0,	176,	312,	311, NES 1350, , 0,	0,	0, , NO, 0, 0, NO
109,	4,	3, NFB 1350, , 0,	0,	177,	322,	321, NES 1350, , 0,	0,	20, BEAM , UNILoad, GZ, NO , NO,
110,	14,	13, NFB 1350, , 0,	0,	178,	332,	331, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
111,	24,	23, NFB 1350, , 0,	0,	179,	342,	341, NES 1350, , 0,	0,	0, , NO, 0, 0, NO
112,	34,	33, NFB 1350, , 0,	0,	180,	352,	351, NES 1350, , 0,	0,	23, BEAM , UNILoad, GZ, NO , NO,
113,	44,	43, NFB 1350, , 0,	0,	: *LOADTOMASS, DIR, bNODAL, bBEAM,				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
114,	54,	53, NFB 1350, , 0,	0,	bFLOOR, bPRES, GRAV				0, , NO, 0, 0, NO
115,	64,	63, NFB 1350, , 0,	0,	: LCNAME1, FACTOR1, LCNAME2,				24, BEAM , UNILoad, GZ, NO , NO,
116,	74,	73, NFB 1350, , 0,	0,	FACTOR2, ... : from line 1				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
117,	84,	83, NFB 1350, , 0,	0,	*LOADTOMASS, XYZ, YES, YES, YES, YES,				0, , NO, 0, 0, NO
118,	94,	93, NFB 1350, , 0,	0,	9.806				25, BEAM , UNILoad, GZ, NO , NO,
119,	104,	103, NFB 1350, , 0,	0,	2차 고정하중, 1				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
120,	114,	113, NFB 1350, , 0,	0,	*USE-STLD, 고정하중				0, , NO, 0, 0, NO
121,	124,	123, NFB 1350, , 0,	0,	: *SELFWEIGHT, X, Y, Z, GROUP				26, BEAM , UNILoad, GZ, NO , NO,
122,	134,	133, NFB 1350, , 0,	0,	*SELFWEIGHT, 0, 0, -1.2,				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
123,	144,	143, NFB 1350, , 0,	0,	: End of data for load case [고정하중]				0, , NO, 0, 0, NO
124,	154,	153, NFB 1350, , 0,	0,	-----				29, BEAM , UNILoad, GZ, NO , NO,
125,	164,	163, NFB 1350, , 0,	0,	*USE-STLD, 2차 고정하중				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
126,	174,	173, NFB 1350, , 0,	0,	*BEAMLOAD : Element Beam Loads				0, , NO, 0, 0, NO
127,	184,	183, NFB 1350, , 0,	0,	: ELEM_LIST, CMD, TYPE, DIR, bPROJ,				30, BEAM , UNILoad, GZ, NO , NO,
128,	194,	193, NFB 1350, , 0,	0,	[ECCEN], [VALUE], GROUP				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
129,	204,	203, NFB 1350, , 0,	0,	: ELEM_LIST, CMD, TYPE, TYPE, DIR, VX,				0, , NO, 0, 0, NO
130,	214,	213, NFB 1350, , 0,	0,	VY, VZ, bPROJ, [ECCEN], [VALUE], GROUP				31, BEAM , UNILoad, GZ, NO , NO,
131,	224,	223, NFB 1350, , 0,	0,	: [VALUE] : D1, P1, D2, P2, D3, P3,				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
132,	234,	233, NFB 1350, , 0,	0,	D4, P4				0, , NO, 0, 0, NO
133,	244,	243, NFB 1350, , 0,	0,	: [ECCEN] : bECCEN, ECCDIR, I-END,				32, BEAM , UNILoad, GZ, NO , NO,
134,	254,	253, NFB 1350, , 0,	0,	J-END, bJ-END				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
135,	264,	263, NFB 1350, , 0,	0,	: [ADDITIONAL] : bADDITIONAL,				0, , NO, 0, 0, NO
136,	274,	273, NFB 1350, , 0,	0,	ADDITIONAL_J-END, ADDITIONAL_J-END,				33, BEAM , UNILoad, GZ, NO , NO,
137,	284,	283, NFB 1350, , 0,	0,	bADDITIONAL_J-END				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
138,	294,	293, NFB 1350, , 0,	0,	1, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
139,	304,	303, NFB 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				34, BEAM , UNILoad, GZ, NO , NO,
140,	314,	313, NFB 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
141,	324,	323, NFB 1350, , 0,	0,	2, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
142,	334,	333, NFB 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				35, BEAM , UNILoad, GZ, NO , NO,
143,	344,	343, NFB 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
144,	354,	353, NFB 1350, , 0,	0,	5, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
145,	2,	1, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				36, BEAM , UNILoad, GZ, NO , NO,
146,	12,	11, NES 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
147,	22,	21, NES 1350, , 0,	0,	6, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
148,	32,	31, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				37, BEAM , UNILoad, GZ, NO , NO,
149,	42,	41, NES 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
150,	52,	51, NES 1350, , 0,	0,	7, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
151,	62,	61, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				38, BEAM , UNILoad, GZ, NO , NO,
152,	72,	71, NES 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
153,	82,	81, NES 1350, , 0,	0,	8, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
154,	92,	91, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				39, BEAM , UNILoad, GZ, NO , NO,
155,	102,	101, NES 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
156,	112,	111, NES 1350, , 0,	0,	11, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
157,	122,	121, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				40, BEAM , UNILoad, GZ, NO , NO,
158,	132,	131, NES 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
159,	142,	141, NES 1350, , 0,	0,	12, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
160,	152,	151, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				41, BEAM , UNILoad, GZ, NO , NO,
161,	162,	161, NES 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
162,	172,	171, NES 1350, , 0,	0,	13, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
163,	182,	181, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				42, BEAM , UNILoad, GZ, NO , NO,
164,	192,	191, NES 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
165,	202,	201, NES 1350, , 0,	0,	14, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
166,	212,	211, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				43, BEAM , UNILoad, GZ, NO , NO,
167,	222,	221, NES 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
168,	232,	231, NES 1350, , 0,	0,	17, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
169,	242,	241, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				44, BEAM , UNILoad, GZ, NO , NO,
170,	252,	251, NES 1350, , 0,	0,	0, , NO, 0, 0, NO				aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,
171,	262,	261, NES 1350, , 0,	0,	18, BEAM , UNILoad, GZ, NO , NO,				0, , NO, 0, 0, NO
172,	272,	271, NES 1350, , 0,	0,	aDir[1], , , , 0, -15.21, 1, -15.21, 0, 0, 0,				45, BEAM , UNILoad, GZ, NO , NO,

aDir[1], , , 0, -15.21, 1, -15.21, 0, 0, 0,	0.470000,	0.0028		1.150000,	0.127	
0, , NO, 0, 0, NO		0.480000,	-0.0689,	1.160000,		0.139,
1430, BEAM , UNILoad, GZ, NO , NO,	0.490000,	-0.0492		1.170000,	0.0805	
aDir[1], , , 0, -15.21, 1, -15.21, 0, 0, 0,		0.500000,	0.0112,	1.180000,		0.0505,
0, , NO, 0, 0, NO	0.510000,	-0.0075		1.190000,	0.0203	
1431, BEAM , UNILoad, GZ, NO , NO,		0.520000,	0.0202,	1.200000,		0.0859,
aDir[1], , , 0, -15.21, 1, -15.21, 0, 0, 0,	0.530000,	0.0272		1.210000,	0.009	
0, , NO, 0, 0, NO		0.540000,	-0.0171,	1.220000,		-0.0002,
1432, BEAM , UNILoad, GZ, NO , NO,	0.550000,	0.0206		1.230000,	0.0559	
aDir[1], , , 0, -15.21, 1, -15.21, 0, 0, 0,		0.560000,	-0.0392,	1.240000,		-0.0008,
0, , NO, 0, 0, NO	0.570000,	-0.0313		1.250000,	-0.0479	
: End of data for load case [2차 고정하중]		0.580000,	-0.0053,	1.260000,		0.0109,
-----	0.590000,	0.0081		1.270000,	-0.0583	
*TFUNCTION : Time History Function		0.600000,	-0.0171,	1.280000,		-0.0959,
: FUNC=NAME, 1, ITYPE, IMETHOD,	0.610000,	-0.0294		1.290000,	-0.0515	
SCALE/MAX, GRAV, DESC : line 1		0.620000,	-0.008,	1.300000,		-0.0363,
: TIME1, VALUE1, TIME2, VALUE2, ...	0.630000,	-0.0206		1.310000,	-0.0515	
: : from line 2		0.640000,	0.0042,	1.320000,		-0.0537,
: FUNC=NAME, 2, ITYPE, GRAV, A, C, F, D,	0.650000,	0.0148		1.330000,	-0.113	
PA, DESC		0.660000,	0.0514,	1.340000,		-0.12,
FUNC=ES21, 1, 1, 0, 1, 9.806,	0.670000,	0.092		1.350000,	-0.0865	
0.000000,	-0.0036,	0.680000,	0.0151,	1.360000,		-0.0972,
0.010000,	-0.0046	0.690000,		1.370000,	-0.0771	
0.020000,	-0.0055,	0.700000,	0.0031,	1.380000,		-0.127,
0.030000,	-0.0045	0.710000,		1.390000,	-0.117	
0.040000,	-0.0073,	0.720000,	0.011,	1.400000,		-0.0593,
0.050000,	-0.0068	0.730000,		1.410000,	-0.0784	
0.060000,	-0.0077,	0.740000,	-0.0045,	1.420000,		-0.112,
0.070000,	-0.0069	0.750000,		1.430000,	-0.119	
0.080000,	-0.0043,	0.760000,	-0.0228,	1.440000,		-0.0989,
0.090000,	-0.0057	0.770000,		1.450000,	-0.0828	
0.100000,	-0.0062,	0.780000,	0.0066,	1.460000,		-0.0997,
0.110000,	0.0021	0.790000,		1.470000,	-0.14	
0.120000,	-0.0067,	0.800000,	0.0337,	1.480000,		-0.0385,
0.130000,	-0.0025	0.810000,		1.490000,	-0.072	
0.140000,	-0.0124,	0.820000,	0.085,	1.500000,		0.0824,
0.150000,	-0.014	0.830000,		1.510000,	0.0822	
0.160000,	-0.0187,	0.840000,	0.109,	1.520000,		-0.0135,
0.170000,	-0.0254	0.850000,		1.530000,	0.0283	
0.180000,	-0.0228,	0.860000,	0.133,	1.540000,		0.0808,
0.190000,	-0.0311	0.870000,		1.550000,	0.108	
0.200000,	-0.0305,	0.880000,	0.0124,	1.560000,		0.0432,
0.210000,	-0.0161	0.890000,		1.570000,	0.131	
0.220000,	-0.0298,	0.900000,	-0.0446,	1.580000,		0.0875,
0.230000,	-0.0118	0.910000,		1.590000,	-0.0318	
0.240000,	0.0023,	0.920000,	-0.0671,	1.600000,		-0.0014,
0.250000,	0.0012	0.930000,		1.610000,	0.0048	
0.260000,	-0.0062,	0.940000,	0.0082,	1.620000,		-0.006,
0.270000,	-0.001	0.950000,		1.630000,	-0.0968	
0.280000,	-0.0058,	0.960000,	0.0096,	1.640000,		-0.0297,
0.290000,	-0.0085	0.970000,		1.650000,	0.0549	
0.300000,	0.0059,	0.980000,	-0.0106,	1.660000,		0.0479,
0.310000,	0.0013	0.990000,		1.670000,	-0.0225	
0.320000,	0.0002,	1.000000,	-0.0147,	1.680000,		0.007,
0.330000,	-0.002	1.010000,		1.690000,	0.116	
0.340000,	-0.0143,	1.020000,	-0.0175,	1.700000,		0.0451,
0.350000,	-0.0146	1.030000,		1.710000,	0.105	
0.360000,	-0.0331,	1.040000,	0.006,	1.720000,		0.0723,
0.370000,	-0.0408	1.050000,		1.730000,	0.0668	
0.380000,	-0.0233,	1.060000,	0.0437,	1.740000,		0.0969,
0.390000,	0.0084	1.070000,		1.750000,	0.0351	
0.400000,	-0.0335,	1.080000,	0.0759,	1.760000,		-0.0159,
0.410000,	-0.0523	1.090000,		1.770000,	0.0946	
0.420000,	-0.0378,	1.100000,	0.0773,	1.780000,		-0.091,
0.430000,	-0.0704	1.110000,		1.790000,	0.0735	
0.440000,	-0.0577,	1.120000,	0.0613,	1.800000,		-0.0317,
0.450000,	-0.0301	1.130000,		1.810000,	-0.0602	
0.460000,	-0.0194,	1.140000,	0.108,	1.820000,		0.0044,

1.830000,	-0.0265		2.510000,	-0.0273		3.190000,	0.102	
1.840000,		0.0149,	2.520000,		0.0862,	3.200000,		0.0229,
1.850000,	0.0137		2.530000,	0.0039		3.210000,	0.0947	
1.860000,		0.0385,	2.540000,		0.0308,	3.220000,		0.0453,
1.870000,	0.0091		2.550000,	0.115		3.230000,	0.0476	
1.880000,		-0.116,	2.560000,		0.113,	3.240000,		0.0731,
1.890000,	-0.0937		2.570000,	0.0391		3.250000,	0.0242	
1.900000,		-0.0401,	2.580000,		0.13,	3.260000,		0.105,
1.910000,	-0.0303		2.590000,	0.111		3.270000,	0.0891	
1.920000,		-0.0779,	2.600000,		0.0764,	3.280000,		0.126,
1.930000,	-0.104		2.610000,	0.0842		3.290000,	0.119	
1.940000,		-0.0988,	2.620000,		-0.023,	3.300000,		0.131,
1.950000,	-0.0316		2.630000,	-0.06		3.310000,	0.122	
1.960000,		-0.111,	2.640000,		-0.0903,	3.320000,		0.0658,
1.970000,	-0.0362		2.650000,	-0.04		3.330000,	0.0988	
1.980000,		0.0066,	2.660000,		-0.0619,	3.340000,		0.114,
1.990000,	0.105		2.670000,	0.0487		3.350000,	0.106	
2.000000,		-0.056,	2.680000,		0.0321,	3.360000,		0.136,
2.010000,	0.0611		2.690000,	-0.0655		3.370000,	0.0134	
2.020000,		0.0942,	2.700000,		0.0016,	3.380000,		0.0162,
2.030000,	0.0217		2.710000,	-0.0397		3.390000,	0.0716	
2.040000,		0.0877,	2.720000,		-0.0444,	3.400000,		0.0348,
2.050000,	0.11		2.730000,	0.0216		3.410000,	-0.0668	
2.060000,		0.0356,	2.740000,		-0.0595,	3.420000,		-0.0217,
2.070000,	0.0446		2.750000,	0.0343		3.430000,	0.0017	
2.080000,		0.0636,	2.760000,		-0.0587,	3.440000,		0.0676,
2.090000,	-0.0578		2.770000,	-0.0324		3.450000,	0.0458	
2.100000,		-0.0191,	2.780000,		0.101,	3.460000,		-0.0778,
2.110000,	0.054		2.790000,	-0.0836		3.470000,	-0.0048	
2.120000,		0.128,	2.800000,		0.0387,	3.480000,		0.029,
2.130000,	0.0596		2.810000,	-0.0099		3.490000,	0.0224	
2.140000,		-0.0265,	2.820000,		0.0399,	3.500000,		0.0575,
2.150000,	0.0113		2.830000,	0.115		3.510000,	-0.0435	
2.160000,		0.104,	2.840000,		0.105,	3.520000,		0.0097,
2.170000,	0.0171		2.850000,	0.0256		3.530000,	-0.0581	
2.180000,		0.0522,	2.860000,		0.0171,	3.540000,		-0.107,
2.190000,	0.0798		2.870000,	-0.0056		3.550000,	-0.0338	
2.200000,		-0.0526,	2.880000,		-0.0103,	3.560000,		-0.0915,
2.210000,	0.0186		2.890000,	0.0514		3.570000,	-0.116	
2.220000,		0.0888,	2.900000,		0.043,	3.580000,		-0.095,
2.230000,	0.0228		2.910000,	-0.124		3.590000,	-0.141	
2.240000,		0.0381,	2.920000,		-0.107,	3.600000,		-0.15,
2.250000,	0.0666		2.930000,	-0.109		3.610000,	-0.0501	
2.260000,		-0.0208,	2.940000,		-0.118,	3.620000,		-0.0992,
2.270000,	0.0419		2.950000,	-0.0679		3.630000,	-0.108	
2.280000,		0.0289,	2.960000,		-0.148,	3.640000,		-0.114,
2.290000,	-0.0033		2.970000,	-0.0607		3.650000,	-0.0986	
2.300000,		-0.0425,	2.980000,		-0.0842,	3.660000,		-0.109,
2.310000,	-0.0866		2.990000,	0.0147		3.670000,	0.0375	
2.320000,		-0.042,	3.000000,		-0.0546,	3.680000,		0.0477,
2.330000,	-0.0883		3.010000,	-0.138		3.690000,	-0.053	
2.340000,		0.0082,	3.020000,		-0.0111,	3.700000,		0.0677,
2.350000,	-0.0036		3.030000,	-0.06		3.710000,	-0.0416	
2.360000,		-0.0569,	3.040000,		0.0333,	3.720000,		-0.0107,
2.370000,	-0.0949		3.050000,	-0.0286		3.730000,	0.0336	
2.380000,		-0.0793,	3.060000,		0.117,	3.740000,		-0.028,
2.390000,	-0.0981		3.070000,	0.0928		3.750000,	-0.0686	
2.400000,		-0.0967,	3.080000,		-0.0202,	3.760000,		-0.0255,
2.410000,	0.0144		3.090000,	0.0411		3.770000,	0.0063	
2.420000,		-0.149,	3.100000,		-0.093,	3.780000,		-0.118,
2.430000,	-0.0302		3.110000,	-0.105		3.790000,	-0.0212	
2.440000,		-0.0291,	3.120000,		-0.134,	3.800000,		0.0686,
2.450000,	-0.114		3.130000,	-0.15		3.810000,	0.0053	
2.460000,		-0.0004,	3.140000,		-0.0249,	3.820000,		-0.112,
2.470000,	0.0532		3.150000,	0.0423		3.830000,	-0.0397	
2.480000,		0.013,	3.160000,		0.0422,	3.840000,		-0.0634,
2.490000,	-0.057		3.170000,	-0.011		3.850000,	-0.0197	
2.500000,		-0.0471,	3.180000,		0.039,	3.860000,		0.0852,

3.870000,	0.0815		4.550000,	0.0535		5.230000,	0.154	
	3.880000,	0.0542,		4.560000,	0.128,		5.240000,	0.0373,
3.890000,	0.124		4.570000,	0.0541		5.250000,	-0.0644	
	3.900000,	0.0997,		4.580000,	-0.0096,		5.260000,	0.14,
3.910000,	0.0195		4.590000,	0.0126		5.270000,	-0.0202	
	3.920000,	0.109,		4.600000,	-0.0334,		5.280000,	0.0338,
3.930000,	0.0755		4.610000,	0.0579		5.290000,	0.0131	
	3.940000,	0.0884,		4.620000,	0.0699,		5.300000,	0.0307,
3.950000,	-0.0093		4.630000,	0.103		5.310000,	-0.0067	
	3.960000,	-0.0339,		4.640000,	-0.0645,		5.320000,	-0.01,
3.970000,	0.0066		4.650000,	0.086		5.330000,	0.0316	
	3.980000,	-0.0236,		4.660000,	0.0849,		5.340000,	0.0767,
3.990000,	0.08		4.670000,	0.0563		5.350000,	0.0132	
	4.000000,	0.0688,		4.680000,	0.0187,		5.360000,	0.0669,
4.010000,	0.0474		4.690000,	0.0151		5.370000,	0.0105	
	4.020000,	-0.0287,		4.700000,	0.0289,		5.380000,	0.0327,
4.030000,	0.149		4.710000,	0.12		5.390000,	-0.0061	
	4.040000,	0.0352,		4.720000,	-0.032,		5.400000,	-0.0518,
4.050000,	0.128		4.730000,	-0.0945		5.410000,	-0.0298	
	4.060000,	0.0829,		4.740000,	-0.0916,		5.420000,	-0.0255,
4.070000,	-0.006		4.750000,	-0.121		5.430000,	-0.0144	
	4.080000,	0.0537,		4.760000,	-0.0551,		5.440000,	-0.0876,
4.090000,	0.0468		4.770000,	0.0042		5.450000,	-0.127	
	4.100000,	0.0042,		4.780000,	-0.0355,		5.460000,	-0.1,
4.110000,	0.0047		4.790000,	0.0146		5.470000,	-0.0827	
	4.120000,	-0.0936,		4.800000,	-0.013,		5.480000,	0.0285,
4.130000,	0.0594		4.810000,	-0.0016		5.490000,	-0.121	
	4.140000,	0.137,		4.820000,	-0.0522,		5.500000,	0.0124,
4.150000,	0.0965		4.830000,	-0.0043		5.510000,	-0.0761	
	4.160000,	0.116,		4.840000,	-0.0557,		5.520000,	-0.0976,
4.170000,	0.103		4.850000,	-0.11		5.530000,	0.102	
	4.180000,	0.0586,		4.860000,	-0.149,		5.540000,	0.0571,
4.190000,	0.112		4.870000,	-0.0635		5.550000,	0.128	
	4.200000,	0.0834,		4.880000,	-0.125,		5.560000,	0.006,
4.210000,	0.0875		4.890000,	-0.154		5.570000,	0.063	
	4.220000,	0.119,		4.900000,	-0.0945,		5.580000,	-0.0551,
4.230000,	0.083		4.910000,	-0.142		5.590000,	-0.0007	
	4.240000,	-0.0372,		4.920000,	0.0098,		5.600000,	-0.0463,
4.250000,	-0.0561		4.930000,	-0.0806		5.610000,	0.0152	
	4.260000,	-0.038,		4.940000,	-0.0795,		5.620000,	-0.0297,
4.270000,	0.0204		4.950000,	-0.0378		5.630000,	0.041	
	4.280000,	0.0217,		4.960000,	-0.13,		5.640000,	0.114,
4.290000,	0.0841		4.970000,	-0.082		5.650000,	0.104	
	4.300000,	0.117,		4.980000,	-0.0187,		5.660000,	0.112,
4.310000,	0.0519		4.990000,	-0.0404		5.670000,	0.112	
	4.320000,	-0.0006,		5.000000,	0.0531,		5.680000,	0.11,
4.330000,	0.0255		5.010000,	0.0135		5.690000,	0.0318	
	4.340000,	-0.0276,		5.020000,	0.0966,		5.700000,	-0.0051,
4.350000,	-0.0629		5.030000,	0.0322		5.710000,	-0.112	
	4.360000,	0.0013,		5.040000,	0.053,		5.720000,	0.0039,
4.370000,	-0.0194		5.050000,	0.0016		5.730000,	0.0366	
	4.380000,	-0.0886,		5.060000,	0.0441,		5.740000,	-0.0236,
4.390000,	-0.0112		5.070000,	-0.0929		5.750000,	0.0745	
	4.400000,	-0.0463,		5.080000,	-0.0539,		5.760000,	-0.0068,
4.410000,	-0.083		5.090000,	-0.0678		5.770000,	-0.0699	
	4.420000,	-0.0734,		5.100000,	-0.0723,		5.780000,	-0.101,
4.430000,	-0.0208		5.110000,	-0.028		5.790000,	-0.036	
	4.440000,	-0.107,		5.120000,	0.0043,		5.800000,	-0.0344,
4.450000,	-0.101		5.130000,	0.0457		5.810000,	-0.0987	
	4.460000,	-0.0597,		5.140000,	-0.072,		5.820000,	-0.0835,
4.470000,	0.0023		5.150000,	0.0276		5.830000,	-0.0023	
	4.480000,	-0.0668,		5.160000,	-0.0052,		5.840000,	0.0397,
4.490000,	0.0363		5.170000,	0.0244		5.850000,	0.0265	
	4.500000,	0.0997,		5.180000,	0.0556,		5.860000,	-0.06,
4.510000,	0.0894		5.190000,	0.0918		5.870000,	0.0034	
	4.520000,	0.0432,		5.200000,	0.0916,		5.880000,	-0.106,
4.530000,	0.104		5.210000,	0.102		5.890000,	0.102	
	4.540000,	0.0908,		5.220000,	0.123,		5.900000,	-0.0896,

5.910000,	0.0504		6.590000,	-0.0151		7.270000,	-0.0574	
5.920000,		0.105,	6.600000,		0.0141,	7.280000,		-0.0332,
5.930000,	0.0418		6.610000,	0.0709		7.290000,	-0.0715	
5.940000,		0.0889,	6.620000,		0.033,	7.300000,		0.071,
5.950000,	0.103		6.630000,	0.0157		7.310000,	0.0809	
5.960000,		0.0716,	6.640000,		-0.0018,	7.320000,		0.131,
5.970000,	0.0543		6.650000,	0.0404		7.330000,	-0.012	
5.980000,		0.0454,	6.660000,		0.0252,	7.340000,		-0.0133,
5.990000,	0.04		6.670000,	-0.0217		7.350000,	0.0636	
6.000000,		-0.006,	6.680000,		0.0401,	7.360000,		-0.0088,
6.010000,	-0.0397		6.690000,	0.0783		7.370000,	0.115	
6.020000,		0.0028,	6.700000,		-0.0299,	7.380000,		0.0706,
6.030000,	0.034		6.710000,	-0.101		7.390000,	0.103	
6.040000,		-0.0358,	6.720000,		-0.0187,	7.400000,		0.0972,
6.050000,	-0.025		6.730000,	-0.123		7.410000,	0.0536	
6.060000,		0.0096,	6.740000,		-0.116,	7.420000,		0.0458,
6.070000,	-0.0396		6.750000,	-0.121		7.430000,	0.0561	
6.080000,		-0.0586,	6.760000,		0.0579,	7.440000,		0.096,
6.090000,	-0.14		6.770000,	0.0297		7.450000,	0.038	
6.100000,		-0.0972,	6.780000,		-0.0033,	7.460000,		0.0288,
6.110000,	-0.0459		6.790000,	-0.0339		7.470000,	-0.0497	
6.120000,		-0.144,	6.800000,		-0.0493,	7.480000,		-0.009,
6.130000,	-0.0818		6.810000,	0.0656		7.490000,	0.0956	
6.140000,		-0.0158,	6.820000,		0.0372,	7.500000,		0.0495,
6.150000,	-0.0152		6.830000,	0.0556		7.510000,	0.0538	
6.160000,		0.0264,	6.840000,		-0.0025,	7.520000,		0.136,
6.170000,	0.0557		6.850000,	-0.0844		7.530000,	-0.0043	
6.180000,		-0.0613,	6.860000,		-0.0873,	7.540000,		0.0198,
6.190000,	-0.0377		6.870000,	-0.0509		7.550000,	-0.0034	
6.200000,		0.054,	6.880000,		0.0448,	7.560000,		-0.0552,
6.210000,	0.021		6.890000,	0.0748		7.570000,	0.0096	
6.220000,		0.0233,	6.900000,		0.051,	7.580000,		0.012,
6.230000,	0.0879		6.910000,	-0.0034		7.590000,	0.0435	
6.240000,		0.0043,	6.920000,		0.0428,	7.600000,		-0.0721,
6.250000,	-0.0097		6.930000,	-0.0277		7.610000,	0.0407	
6.260000,		0.0888,	6.940000,		-0.0049,	7.620000,		-0.0254,
6.270000,	-0.0465		6.950000,	0.0544		7.630000,	-0.0148	
6.280000,		-0.0158,	6.960000,		0.0473,	7.640000,		0.0176,
6.290000,	-0.0569		6.970000,	0.0097		7.650000,	-0.0066	
6.300000,		-0.116,	6.980000,		0.0365,	7.660000,		0.0484,
6.310000,	-0.107		6.990000,	0.089		7.670000,	-0.051	
6.320000,		-0.14,	7.000000,		0.121,	7.680000,		0.0328,
6.330000,	-0.0966		7.010000,	0.0914		7.690000,	0.0453	
6.340000,		-0.0622,	7.020000,		0.0843,	7.700000,		0.0433,
6.350000,	-0.142		7.030000,	0.0857		7.710000,	0.0668	
6.360000,		-0.0524,	7.040000,		0.0528,	7.720000,		0.0043,
6.370000,	-0.0133		7.050000,	-0.0319		7.730000,	-0.013	
6.380000,		-0.0497,	7.060000,		-0.0566,	7.740000,		-0.0094,
6.390000,	-0.078		7.070000,	0.0453		7.750000,	-0.0404	
6.400000,		-0.0434,	7.080000,		-0.0328,	7.760000,		-0.0158,
6.410000,	-0.0218		7.090000,	-0.089		7.770000,	-0.0569	
6.420000,		-0.104,	7.100000,		-0.058,	7.780000,		-0.064,
6.430000,	-0.0993		7.110000,	-0.0593		7.790000,	-0.131	
6.440000,		-0.108,	7.120000,		-0.0526,	7.800000,		-0.0313,
6.450000,	-0.087		7.130000,	0.0068		7.810000,	-0.0482	
6.460000,		-0.13,	7.140000,		-0.0107,	7.820000,		-0.139,
6.470000,	-0.0141		7.150000,	0.0558		7.830000,	-0.0736	
6.480000,		0.0436,	7.160000,		0.0132,	7.840000,		-0.099,
6.490000,	-0.0744		7.170000,	-0.119		7.850000,	0.0005	
6.500000,		-0.118,	7.180000,		-0.113,	7.860000,		0.0811,
6.510000,	-0.11		7.190000,	-0.108		7.870000,	-0.0758	
6.520000,		-0.0411,	7.200000,		-0.125,	7.880000,		0.0441,
6.530000,	-0.067		7.210000,	-0.0777		7.890000,	0.0052	
6.540000,		-0.0982,	7.220000,		-0.146,	7.900000,		-0.0608,
6.550000,	-0.0928		7.230000,	-0.105		7.910000,	0.0454	
6.560000,		-0.0553,	7.240000,		-0.0028,	7.920000,		0.027,
6.570000,	0.0021		7.250000,	-0.107		7.930000,	0.118	
6.580000,		-0.004,	7.260000,		-0.105,	7.940000,		0.0711,

7.950000,	0.0524		8.630000,	0.0533		9.310000,	0.0671	
	7.960000,	-0.0751,		8.640000,	0.004,		9.320000,	0.0557,
7.970000,	0.0529		8.650000,	0.111		9.330000,	-0.061	
	7.980000,	-0.0273,		8.660000,	0.145,		9.340000,	-0.0207,
7.990000,	-0.0942		8.670000,	0.0982		9.350000,	0.0778	
	8.000000,	-0.142,		8.680000,	0.0352,		9.360000,	0.096,
8.010000,	-0.133		8.690000,	0.0145		9.370000,	0.0725	
	8.020000,	-0.0534,		8.700000,	-0.0462,		9.380000,	0.0121,
8.030000,	-0.0708		8.710000,	-0.111		9.390000,	0.0379	
	8.040000,	-0.105,		8.720000,	-0.0937,		9.400000,	0.0317,
8.050000,	0.0541		8.730000,	0.0232		9.410000,	-0.0199	
	8.060000,	-0.0003,		8.740000,	0.0687,		9.420000,	0.0372,
8.070000,	0.0063		8.750000,	0.044		9.430000,	-0.0869	
	8.080000,	-0.0925,		8.760000,	-0.0264,		9.440000,	0.0217,
8.090000,	-0.0715		8.770000,	0.043		9.450000,	0.0161	
	8.100000,	-0.0623,		8.780000,	0.0252,		9.460000,	-0.0506,
8.110000,	-0.0246		8.790000,	0.0805		9.470000,	0.0027	
	8.120000,	0.126,		8.800000,	-0.0184,		9.480000,	0.0819,
8.130000,	-0.001		8.810000,	-0.0282		9.490000,	-0.0138	
	8.140000,	0.0696,		8.820000,	0.0069,		9.500000,	-0.0081,
8.150000,	0.104		8.830000,	0.0408		9.510000,	0.0514	
	8.160000,	0.128,		8.840000,	-0.0153,		9.520000,	0.0613,
8.170000,	0.0756		8.850000,	-0.0158		9.530000,	0.119	
	8.180000,	0.0511,		8.860000,	-0.0155,		9.540000,	0.113,
8.190000,	0.116		8.870000,	0.0072		9.550000,	0.0365	
	8.200000,	-0.0013,		8.880000,	-0.0245,		9.560000,	0.0765,
8.210000,	0.0246		8.890000,	-0.0657		9.570000,	0.0364	
	8.220000,	0.0906,		8.900000,	-0.067,		9.580000,	0.0477,
8.230000,	0.055		8.910000,	-0.061		9.590000,	0.125	
	8.240000,	0.0039,		8.920000,	-0.079,		9.600000,	0.0323,
8.250000,	0.143		8.930000,	-0.137		9.610000,	0.049	
	8.260000,	-0.0061,		8.940000,	-0.0189,		9.620000,	-0.107,
8.270000,	0.107		8.950000,	-0.112		9.630000,	-0.113	
	8.280000,	0.092,		8.960000,	-0.0537,		9.640000,	-0.104,
8.290000,	0.0934		8.970000,	-0.0802		9.650000,	-0.0573	
	8.300000,	0.0724,		8.980000,	-0.129,		9.660000,	-0.0238,
8.310000,	0.107		8.990000,	-0.14		9.670000,	-0.017	
	8.320000,	0.153,		9.000000,	-0.0358,		9.680000,	-0.0735,
8.330000,	0.115		9.010000,	-0.0055		9.690000,	0.0253	
	8.340000,	0.101,		9.020000,	-0.0584,		9.700000,	-0.0788,
8.350000,	-0.0623		9.030000,	0.0017		9.710000,	-0.119	
	8.360000,	0.0638,		9.040000,	-0.086,		9.720000,	-0.114,
8.370000,	-0.0135		9.050000,	-0.0637		9.730000,	0.0289	
	8.380000,	0.049,		9.060000,	-0.0175,		9.740000,	0.0192,
8.390000,	0.0979		9.070000,	-0.0033		9.750000,	0.0923	
	8.400000,	0.0132,		9.080000,	-0.0124,		9.760000,	-0.0104,
8.410000,	-0.0045		9.090000,	-0.0612		9.770000,	-0.0127	
	8.420000,	0.0773,		9.100000,	-0.11,		9.780000,	0.0395,
8.430000,	0.101		9.110000,	-0.0288		9.790000,	-0.04	
	8.440000,	0.0401,		9.120000,	-0.0247,		9.800000,	-0.133,
8.450000,	0.0098		9.130000,	0.0337		9.810000,	0.0114	
	8.460000,	0.0094,		9.140000,	0.113,		9.820000,	-0.0291,
8.470000,	0.0269		9.150000,	0.0785		9.830000,	-0.101	
	8.480000,	-0.0672,		9.160000,	-0.0046,		9.840000,	-0.133,
8.490000,	-0.0409		9.170000,	0.0033		9.850000,	-0.0629	
	8.500000,	-0.0284,		9.180000,	-0.0521,		9.860000,	-0.133,
8.510000,	0.102		9.190000,	-0.0457		9.870000,	-0.0915	
	8.520000,	-0.0475,		9.200000,	-0.0023,		9.880000,	-0.0451,
8.530000,	-0.0712		9.210000,	0.0002		9.890000,	-0.14	
	8.540000,	0.021,		9.220000,	0.013,		9.900000,	-0.0555,
8.550000,	-0.0247		9.230000,	0.0283		9.910000,	-0.0807	
	8.560000,	0.0108,		9.240000,	-0.101,		9.920000,	-0.115,
8.570000,	0.11		9.250000,	-0.0324		9.930000,	-0.104	
	8.580000,	0.0682,		9.260000,	0.0033,		9.940000,	-0.0711,
8.590000,	0.0089		9.270000,	-0.12		9.950000,	-0.0531	
	8.600000,	0.124,		9.280000,	-0.0258,		9.960000,	-0.107,
8.610000,	0.116		9.290000,	0.0557		9.970000,	-0.0693	
	8.620000,	-0.0082,		9.300000,	0.0167,		9.980000,	-0.106,

9.990000,	-0.0827		10.670000,	-0.0131		11.350000,	-0.0774	
10.000000,		-0.0165,	10.680000,		0.092,	11.360000,		-0.0354,
10.010000,	-0.0172		10.690000,	-0.0926		11.370000,	-0.0912	
10.020000,		-0.0347,	10.700000,		-0.0593,	11.380000,		-0.126,
10.030000,	0.0241		10.710000,	-0.0945		11.390000,	-0.0853	
10.040000,		-0.0426,	10.720000,		-0.103,	11.400000,		-0.0984,
10.050000,	0.0142		10.730000,	-0.114		11.410000,	-0.109	
10.060000,		-0.0368,	10.740000,		-0.114,	11.420000,		-0.128,
10.070000,	0.0903		10.750000,	-0.0895		11.430000,	-0.103	
10.080000,		0.0122,	10.760000,		-0.0464,	11.440000,		-0.0381,
10.090000,	0.0321		10.770000,	-0.105		11.450000,	0.0542	
10.100000,		0.0276,	10.780000,		-0.105,	11.460000,		0.0876,
10.110000,	-0.11		10.790000,	-0.0316		11.470000,	0.0677	
10.120000,		0.0083,	10.800000,		-0.121,	11.480000,		0.038,
10.130000,	0.0099		10.810000,	-0.0944		11.490000,	-0.0272	
10.140000,		0.0393,	10.820000,		-0.0089,	11.500000,		-0.0605,
10.150000,	0.117		10.830000,	-0.048		11.510000,	-0.0036	
10.160000,		0.104,	10.840000,		-0.049,	11.520000,		0.0288,
10.170000,	0.0338		10.850000,	0.0449		11.530000,	-0.0049	
10.180000,		0.0136,	10.860000,		0.0556,	11.540000,		-0.034,
10.190000,	0.0683		10.870000,	0.0986		11.550000,	0.0618	
10.200000,		-0.004,	10.880000,		0.137,	11.560000,		0.0891,
10.210000,	-0.0509		10.890000,	0.109		11.570000,	0.0628	
10.220000,		0.0659,	10.900000,		0.136,	11.580000,		0.047,
10.230000,	0.0117		10.910000,	0.131		11.590000,	0.0785	
10.240000,		0.0191,	10.920000,		0.096,	11.600000,		0.0389,
10.250000,	-0.068		10.930000,	0.0808		11.610000,	0.0616	
10.260000,		0.0019,	10.940000,		0.0591,	11.620000,		0.0719,
10.270000,	0.0221		10.950000,	0.0868		11.630000,	0.0348	
10.280000,		0.0587,	10.960000,		0.0485,	11.640000,		0.0618,
10.290000,	0.0939		10.970000,	0.0434		11.650000,	-0.0399	
10.300000,		0.0391,	10.980000,		0.0772,	11.660000,		-0.141,
10.310000,	0.105		10.990000,	0.0863		11.670000,	-0.084	
10.320000,		0.0521,	11.000000,		0.101,	11.680000,		0.0115,
10.330000,	-0.0805		11.010000,	0.0631		11.690000,	-0.0663	
10.340000,		-0.0165,	11.020000,		0.0095,	11.700000,		0.0819,
10.350000,	0.0253		11.030000,	0.0464		11.710000,	-0.0326	
10.360000,		0.0709,	11.040000,		-0.0125,	11.720000,		-0.0177,
10.370000,	-0.0201		11.050000,	0.0489		11.730000,	0.0412	
10.380000,		-0.0165,	11.060000,		0.0214,	11.740000,		-0.0569,
10.390000,	0.0422		11.070000,	0.031		11.750000,	-0.0542	
10.400000,		-0.0636,	11.080000,		-0.0383,	11.760000,		0.0135,
10.410000,	-0.0514		11.090000,	0.0282		11.770000,	0.0274	
10.420000,		-0.0237,	11.100000,		0.0509,	11.780000,		-0.0096,
10.430000,	0.0051		11.110000,	-0.0835		11.790000,	0.019	
10.440000,		0.0366,	11.120000,		-0.103,	11.800000,		0.0388,
10.450000,	0.0351		11.130000,	-0.148		11.810000,	0.0953	
10.460000,		0.139,	11.140000,		-0.0591,	11.820000,		0.0374,
10.470000,	0.0925		11.150000,	-0.0452		11.830000,	0.0334	
10.480000,		0.0858,	11.160000,		-0.0333,	11.840000,		0.0739,
10.490000,	0.044		11.170000,	-0.0228		11.850000,	0.0349	
10.500000,		0.0153,	11.180000,		0.0196,	11.860000,		-0.0573,
10.510000,	-0.0117		11.190000,	0.0182		11.870000,	0.0412	
10.520000,		-0.0454,	11.200000,		-0.005,	11.880000,		-0.0174,
10.530000,	0.0376		11.210000,	-0.0009		11.890000,	0.0521	
10.540000,		-0.0016,	11.220000,		0.0635,	11.900000,		0.122,
10.550000,	0.101		11.230000,	0.0576		11.910000,	0.0258	
10.560000,		0.076,	11.240000,		-0.11,	11.920000,		0.103,
10.570000,	0.0176		11.250000,	-0.0929		11.930000,	0.052	
10.580000,		0.0708,	11.260000,		-0.0976,	11.940000,		-0.0142,
10.590000,	0.0176		11.270000,	-0.13		11.950000,	0.0013	
10.600000,		0.0639,	11.280000,		-0.011,	11.960000,		-0.0846,
10.610000,	0.151		11.290000,	0.0124		11.970000,	-0.0695	
10.620000,		0.039,	11.300000,		-0.0546,	11.980000,		-0.0527,
10.630000,	0.0004		11.310000,	0.0371		11.990000,	-0.145	
10.640000,		0.029,	11.320000,		0.0216,	12.000000,		-0.104,
10.650000,	0.0561		11.330000,	-0.152		12.010000,	-0.0621	
10.660000,		-0.0154,	11.340000,		0.0245,	12.020000,		-0.0937,

12.030000,	0.0228		12.710000,	0.0125		13.390000,	-0.0392	
12.040000,		-0.0726,	12.720000,		-0.042,	13.400000,		-0.0447,
12.050000,	-0.0884		12.730000,	-0.0956		13.410000,	0.0155	
12.060000,		-0.0663,	12.740000,		0.0781,	13.420000,		0.0184,
12.070000,	-0.0476		12.750000,	-0.0409		13.430000,	0.0351	
12.080000,		-0.012,	12.760000,		-0.019,	13.440000,		0.0532,
12.090000,	-0.0164		12.770000,	-0.0091		13.450000,	-0.0404	
12.100000,		-0.071,	12.780000,		0.0639,	13.460000,		0.0191,
12.110000,	-0.0391		12.790000,	0.065		13.470000,	-0.0411	
12.120000,		-0.0654,	12.800000,		0.07,	13.480000,		-0.0827,
12.130000,	-0.0412		12.810000,	0.0671		13.490000,	-0.0686	
12.140000,		-0.148,	12.820000,		0.0437,	13.500000,		-0.0627,
12.150000,	-0.0852		12.830000,	0.102		13.510000,	0.031	
12.160000,		-0.0905,	12.840000,		0.038,	13.520000,		-0.0731,
12.170000,	-0.0966		12.850000,	0.099		13.530000,	0.0204	
12.180000,		0.0604,	12.860000,		0.117,	13.540000,		0.0666,
12.190000,	0.0532		12.870000,	0.0388		13.550000,	0.0402	
12.200000,		-0.0454,	12.880000,		0.134,	13.560000,		0.127,
12.210000,	-0.0345		12.890000,	0.0997		13.570000,	0.112	
12.220000,		0.0498,	12.900000,		0.0152,	13.580000,		0.135,
12.230000,	0.0496		12.910000,	0.102		13.590000,	0.104	
12.240000,		0.0232,	12.920000,		0.0705,	13.600000,		0.124,
12.250000,	0.0493		12.930000,	0.0474		13.610000,	0.103	
12.260000,		0.0628,	12.940000,		0.0346,	13.620000,		0.0729,
12.270000,	0.0457		12.950000,	0.0305		13.630000,	0.097	
12.280000,		0.0673,	12.960000,		0.0174,	13.640000,		0.116,
12.290000,	0.0489		12.970000,	-0.0388		13.650000,	0.0654	
12.300000,		0.078,	12.980000,		0.0009,	13.660000,		0.019,
12.310000,	0.0041		12.990000,	0.0168		13.670000,	0.0717	
12.320000,		0.0409,	13.000000,		0.0284,	13.680000,		0.049,
12.330000,	0.0653		13.010000,	-0.0108		13.690000,	0.0056	
12.340000,		-0.0241,	13.020000,		0.0513,	13.700000,		-0.0214,
12.350000,	-0.0221		13.030000,	0.0915		13.710000,	0.0276	
12.360000,		-0.0589,	13.040000,		0.004,	13.720000,		0.0078,
12.370000,	0.059		13.050000,	0.1		13.730000,	0.0667	
12.380000,		-0.0216,	13.060000,		0.0686,	13.740000,		-0.088,
12.390000,	-0.0199		13.070000,	0.038		13.750000,	0.0481	
12.400000,		-0.0088,	13.080000,		0.0587,	13.760000,		0.0474,
12.410000,	-0.0413		13.090000,	0.0771		13.770000,	0.0241	
12.420000,		-0.0142,	13.100000,		0.0329,	13.780000,		0.0619,
12.430000,	0.0072		13.110000,	0.0536		13.790000,	0.0833	
12.440000,		-0.0163,	13.120000,		0.0126,	13.800000,		-0.0183,
12.450000,	0.0243		13.130000,	-0.0451		13.810000,	0.0671	
12.460000,		-0.0314,	13.140000,		0.0375,	13.820000,		0.0827,
12.470000,	0.0213		13.150000,	0.0778		13.830000,	0.021	
12.480000,		-0.0939,	13.160000,		-0,	13.840000,		0.0377,
12.490000,	-0.0531		13.170000,	0.0429		13.850000,	0.025	
12.500000,		-0.0029,	13.180000,		0.0241,	13.860000,		-0.0394,
12.510000,	-0.102		13.190000,	0.0182		13.870000,	0.0048	
12.520000,		-0.0682,	13.200000,		0.0675,	13.880000,		-0.0025,
12.530000,	-0.104		13.210000,	-0.109		13.890000,	-0.0067	
12.540000,		-0.0441,	13.220000,		0.0138,	13.900000,		-0.0696,
12.550000,	-0.105		13.230000,	-0.0619		13.910000,	-0.0535	
12.560000,		-0.129,	13.240000,		-0.0581,	13.920000,		-0.0795,
12.570000,	-0.074		13.250000,	-0.0116		13.930000,	-0.0986	
12.580000,		-0.0944,	13.260000,		-0.108,	13.940000,		-0.126,
12.590000,	-0.0331		13.270000,	-0.0467		13.950000,	-0.084	
12.600000,		-0.0451,	13.280000,		-0.0504,	13.960000,		-0.0637,
12.610000,	0.013		13.290000,	-0.0375		13.970000,	-0.0978	
12.620000,		0.0216,	13.300000,		0.0207,	13.980000,		-0.0703,
12.630000,	0.0859		13.310000,	-0.0098		13.990000,	-0.0322	
12.640000,		0.0345,	13.320000,		-0.0347,	14.000000,		-0.0573,
12.650000,	0.0593		13.330000,	0.0026		14.010000,	-0.0019	
12.660000,		-0.027,	13.340000,		-0.0503,	14.020000,		-0.0079,
12.670000,	0.0646		13.350000,	-0.0217		14.030000,	0.0334	
12.680000,		-0.0909,	13.360000,		0.0616,	14.040000,		0.0272,
12.690000,	-0.003		13.370000,	-0.0071		14.050000,	0.0181	
12.700000,		-0.107,	13.380000,		-0.0273,	14.060000,		-0.0136,

14.070000,	-0.0274		14.750000,	-0.106		15.430000,	-0.0281	
14.080000,		-0.0139,	14.760000,		-0.0378,	15.440000,		-0.0522,
14.090000,	-0.0061		14.770000,	-0.009		15.450000,	-0.058	
14.100000,		-0.0171,	14.780000,		-0.0196,	15.460000,		-0.0437,
14.110000,	-0.0395		14.790000,	-0.0602		15.470000,	-0.0419	
14.120000,		-0.0087,	14.800000,		-0.0313,	15.480000,		-0.0428,
14.130000,	-0.0104		14.810000,	0.0037		15.490000,	0.0502	
14.140000,		0.0021,	14.820000,		-0.0633,	15.500000,		-0.0228,
14.150000,	0.0348		14.830000,	-0.0456		15.510000,	-0.029	
14.160000,		-0.026,	14.840000,		0.0036,	15.520000,		0.038,
14.170000,	0.0412		14.850000,	-0.0643		15.530000,	0.0147	
14.180000,		0.0093,	14.860000,		-0.0229,	15.540000,		-0.0022,
14.190000,	-0.0132		14.870000,	0.0488		15.550000,	-0.0395	
14.200000,		-0.0231,	14.880000,		0.0827,	15.560000,		0.0019,
14.210000,	-0.0053		14.890000,	0.0422		15.570000,	-0.146	
14.220000,		-0.0192,	14.900000,		0.0845,	15.580000,		-0.111,
14.230000,	0.0536		14.910000,	-0.0406		15.590000,	-0.105	
14.240000,		0.0174,	14.920000,		-0.0475,	15.600000,		-0.063,
14.250000,	-0.0703		14.930000,	0.0182		15.610000,	-0.0741	
14.260000,		0.021,	14.940000,		-0.0233,	15.620000,		-0.0514,
14.270000,	0.0287		14.950000,	0.0035		15.630000,	-0.0279	
14.280000,		-0.0314,	14.960000,		-0.0011,	15.640000,		-0.0434,
14.290000,	0.0424		14.970000,	-0.0417		15.650000,	0.0037	
14.300000,		0.0538,	14.980000,		0.007,	15.660000,		-0.0108,
14.310000,	-0.054		14.990000,	0.0442		15.670000,	-0.022	
14.320000,		0.0309,	15.000000,		0.0689,	15.680000,		0.0185,
14.330000,	0.0146		15.010000,	0.127		15.690000,	0.0572	
14.340000,		0.01,	15.020000,		0.0165,	15.700000,		0.009,
14.350000,	-0.0149		15.030000,	0.0419		15.710000,	0.111	
14.360000,		0.0213,	15.040000,		0.0196,	15.720000,		0.067,
14.370000,	-0.0018		15.050000,	0.0439		15.730000,	0.12	
14.380000,		0.0238,	15.060000,		-0.0074,	15.740000,		0.116,
14.390000,	-0.0138		15.070000,	0.042		15.750000,	0.0631	
14.400000,		-0.0441,	15.080000,		0.0516,	15.760000,		0.0864,
14.410000,	-0.0279		15.090000,	-0.0249		15.770000,	0.0906	
14.420000,		-0.0736,	15.100000,		-0.0375,	15.780000,		0.0755,
14.430000,	-0.0572		15.110000,	-0.045		15.790000,	0.0086	
14.440000,		0.0254,	15.120000,		0.0003,	15.800000,		0.047,
14.450000,	0.0615		15.130000,	-0.0489		15.810000,	0.0884	
14.460000,		-0.0465,	15.140000,		-0.0464,	15.820000,		0.0576,
14.470000,	0.0382		15.150000,	-0.0041		15.830000,	0.0658	
14.480000,		0.0025,	15.160000,		-0.041,	15.840000,		0.107,
14.490000,	0.0284		15.170000,	-0.0993		15.850000,	0.0905	
14.500000,		0.0607,	15.180000,		-0.0302,	15.860000,		0.0779,
14.510000,	0.131		15.190000,	-0.0364		15.870000,	0.0549	
14.520000,		0.145,	15.200000,		-0.0743,	15.880000,		0.0407,
14.530000,	0.0878		15.210000,	-0.0573		15.890000,	0.0743	
14.540000,		0.0525,	15.220000,		-0.0328,	15.900000,		0.0745,
14.550000,	0.013		15.230000,	-0.072		15.910000,	0.0161	
14.560000,		0.0974,	15.240000,		-0.0658,	15.920000,		-0.0187,
14.570000,	0.107		15.250000,	-0.0498		15.930000,	0.0088	
14.580000,		0.0628,	15.260000,		-0.0358,	15.940000,		-0.0528,
14.590000,	0.0182		15.270000,	-0.0035		15.950000,	-0.003	
14.600000,		0.0023,	15.280000,		0.0224,	15.960000,		0.0393,
14.610000,	0.0227		15.290000,	0.046		15.970000,	0.0316	
14.620000,		0.0059,	15.300000,		-0.0029,	15.980000,		-0.0095,
14.630000,	-0.0397		15.310000,	0.0171		15.990000,	0.0113	
14.640000,		0.0002,	15.320000,		0.0555,	16.000000,		-0.0259,
14.650000,	-0.0365		15.330000,	-0.0147		16.010000,	-0.0119	
14.660000,		-0.0763,	15.340000,		0.0828,	16.020000,		0.0051,
14.670000,	-0.0888		15.350000,	0.0608		16.030000,	0.0596	
14.680000,		-0.0708,	15.360000,		0.0696,	16.040000,		-0.0094,
14.690000,	-0.0563		15.370000,	0.0545		16.050000,	0.0156	
14.700000,		-0.07,	15.380000,		0.0022,	16.060000,		0.0057,
14.710000,	-0.0344		15.390000,	0.0641		16.070000,	-0.003	
14.720000,		-0.0424,	15.400000,		0.0082,	16.080000,		-0.0199,
14.730000,	-0.0524		15.410000,	-0.0307		16.090000,	-0.0802	
14.740000,		-0.065,	15.420000,		0.0071,	16.100000,		0.0061,

16.110000,	-0.0369		16.790000,	-0.0042		17.470000,	-0.0324	
16.120000,		-0.0473,	16.800000,		-0.0312,	17.480000,		0.0112,
16.130000,	-0.0286		16.810000,	-0.0292		17.490000,	-0.007	
16.140000,		-0.0125,	16.820000,		-0.0212,	17.500000,		-0.0075,
16.150000,	-0.0443		16.830000,	-0.037		17.510000,	-0.0051	
16.160000,		-0.0654,	16.840000,		-0.0132,	17.520000,		-0.051,
16.170000,	-0.0467		16.850000,	-0.0398		17.530000,	-0.0046	
16.180000,		-0.0239,	16.860000,		-0.031,	17.540000,		-0.0269,
16.190000,	-0.0545		16.870000,	0.0427		17.550000,	-0.0539	
16.200000,		-0.0386,	16.880000,		-0.069,	17.560000,		-0.0676,
16.210000,	0.0368		16.890000,	-0.0415		17.570000,	0.0157	
16.220000,		-0.0318,	16.900000,		-0.0011,	17.580000,		0.0053,
16.230000,	0.0223		16.910000,	-0.0546		17.590000,	-0.0139	
16.240000,		0.0211,	16.920000,		-0.086,	17.600000,		0.0336,
16.250000,	0.0041		16.930000,	-0.0503		17.610000,	-0.0177	
16.260000,		0.0264,	16.940000,		-0.0091,	17.620000,		-0.0047,
16.270000,	0.124		16.950000,	-0.0264		17.630000,	0.0174	
16.280000,		-0.003,	16.960000,		-0.0145,	17.640000,		0.0002,
16.290000,	-0.0161		16.970000,	0.0418		17.650000,	0.0288	
16.300000,		0.0025,	16.980000,		0.0449,	17.660000,		0.0107,
16.310000,	-0.0019		16.990000,	0.0768		17.670000,	0.0464	
16.320000,		0.047,	17.000000,		0.0747,	17.680000,		0.0176,
16.330000,	-0.0213		17.010000,	0.0594		17.690000,	0.0367	
16.340000,		0.016,	17.020000,		0.0376,	17.700000,		0.102,
16.350000,	-0.0296		17.030000,	0.0012		17.710000,	0.107	
16.360000,		-0.0112,	17.040000,		0.0261,	17.720000,		0.0952,
16.370000,	-0.0303		17.050000,	-0.014		17.730000,	0.0599	
16.380000,		-0.0138,	17.060000,		0.011,	17.740000,		0.0533,
16.390000,	-0.0283		17.070000,	0.0212		17.750000,	0.0325	
16.400000,		-0.0516,	17.080000,		0.0078,	17.760000,		-0.0021,
16.410000,	-0.106		17.090000,	0.0675		17.770000,	0.0399	
16.420000,		-0.0835,	17.100000,		0.0569,	17.780000,		-0.0111,
16.430000,	-0.027		17.110000,	0.1		17.790000,	-0.0037	
16.440000,		-0.0795,	17.120000,		0.0639,	17.800000,		-0.006,
16.450000,	-0.0032		17.130000,	0.0714		17.810000,	0.0158	
16.460000,		-0.0057,	17.140000,		0.0697,	17.820000,		0.0081,
16.470000,	-0.0413		17.150000,	0.0832		17.830000,	-0.0055	
16.480000,		-0.0574,	17.160000,		0.0748,	17.840000,		0.0543,
16.490000,	-0.0422		17.170000,	0.0414		17.850000,	0.0286	
16.500000,		-0.0857,	17.180000,		0.136,	17.860000,		-0.0035,
16.510000,	-0.0367		17.190000,	0.0845		17.870000,	0.0297	
16.520000,		-0.046,	17.200000,		0.0847,	17.880000,		0.0091,
16.530000,	-0.0581		17.210000,	0.0959		17.890000,	0.0462	
16.540000,		-0.0698,	17.220000,		0.0048,	17.900000,		0.0102,
16.550000,	-0.0275		17.230000,	-0.0027		17.910000,	0.0333	
16.560000,		-0.0709,	17.240000,		0.0297,	17.920000,		-0.0163,
16.570000,	-0.016		17.250000,	-0.0154		17.930000,	0.0211	
16.580000,		-0.048,	17.260000,		0.062,	17.940000,		-0.0213,
16.590000,	-0.0277		17.270000,	0.0788		17.950000,	-0.025	
16.600000,		-0.0896,	17.280000,		0.0702,	17.960000,		0.001,
16.610000,	-0.103		17.290000,	0.044		17.970000,	0.0378	
16.620000,		-0.134,	17.300000,		0.0407,	17.980000,		0.0269,
16.630000,	-0.0434		17.310000,	0.0713		17.990000,	0.0275	
16.640000,		-0.0758,	17.320000,		0.0126,	18.000000,		0.0681,
16.650000,	-0.0937		17.330000,	0.011		18.010000,	0.0666	
16.660000,		-0.0427,	17.340000,		-0.0205,	18.020000,		0.0201,
16.670000,	-0.0107		17.350000,	-0.0488		18.030000,	0.0254	
16.680000,		0.0115,	17.360000,		-0.0564,	18.040000,		-0.0229,
16.690000,	0.0151		17.370000,	-0.0604		18.050000,	-0.0605	
16.700000,		0.0498,	17.380000,		-0.0847,	18.060000,		-0.0149,
16.710000,	0.031		17.390000,	-0.0768		18.070000,	-0.0661	
16.720000,		0.0465,	17.400000,		0.0306,	18.080000,		-0.0732,
16.730000,	0.053		17.410000,	-0.0826		18.090000,	-0.086	
16.740000,		0.0364,	17.420000,		-0.0538,	18.100000,		-0.0453,
16.750000,	0.0238		17.430000,	-0.0477		18.110000,	-0.009	
16.760000,		0.0183,	17.440000,		-0.0586,	18.120000,		-0.0059,
16.770000,	0.0701		17.450000,	0.0099		18.130000,	0.0182	
16.780000,		0.0525,	17.460000,		-0.0353,	18.140000,		0.0251,

18.150000,	0.0009		18.830000,	-0.0454		19.510000,	-0.0436	
18.160000,		-0.0297,	18.840000,		-0.0436,	19.520000,		-0.0164,
18.170000,	-0.0114		18.850000,	-0.0467		19.530000,	-0.0154	
18.180000,		0.0069,	18.860000,		-0.0618,	19.540000,		-0.0062,
18.190000,	0.0249		18.870000,	-0.0382		19.550000,	-0.0027	
18.200000,		0.0501,	18.880000,		-0.0404,	19.560000,		0.008,
18.210000,	-0.0163		18.890000,	-0.0153		19.570000,	0.0126	
18.220000,		-0.0078,	18.900000,		-0.0239,	19.580000,		-0.0162,
18.230000,	-0.0013		18.910000,	0.0143		19.590000,	0.0035	
18.240000,		-0.0651,	18.920000,		0.0139,	19.600000,		0.0343,
18.250000,	-0.0344		18.930000,	0.0244		19.610000,	0.0241	
18.260000,		-0.0134,	18.940000,		0.0351,	19.620000,		0.025,
18.270000,	0.0435		18.950000,	0.0372		19.630000,	0.0303	
18.280000,		0.017,	18.960000,		0.0269,	19.640000,		0.0327,
18.290000,	-0.0291		18.970000,	0.0633		19.650000,	0.0419	
18.300000,		-0.0157,	18.980000,		0.105,	19.660000,		0.0236,
18.310000,	-0.0136		18.990000,	0.108		19.670000,	0.0174	
18.320000,		-0.0412,	19.000000,		0.105,	19.680000,		0.0236,
18.330000,	-0.0176		19.010000,	0.0683		19.690000,	0.0104	
18.340000,		-0.0407,	19.020000,		0.0671,	19.700000,		-0.0206,
18.350000,	-0.0272		19.030000,	0.0312		19.710000,	0.0276	
18.360000,		-0.0585,	19.040000,		0.0307,	19.720000,		0.0426,
18.370000,	-0.106		19.050000,	0.02		19.730000,	0.0146	
18.380000,		-0.0851,	19.060000,		0.0198,	19.740000,		0.0375,
18.390000,	-0.0643		19.070000,	0.0194		19.750000,	-0.0017	
18.400000,		-0.0676,	19.080000,		-0.0214,	19.760000,		-0.0016,
18.410000,	-0.0476		19.090000,	-0.0366		19.770000,	0.001	
18.420000,		-0.0115,	19.100000,		-0.0198,	19.780000,		-0.0171,
18.430000,	-0.0178		19.110000,	0.0249		19.790000,	0.0007	
18.440000,		0.0261,	19.120000,		0.038,	19.800000,		-0.0153,
18.450000,	0.0132		19.130000,	0.0342		19.810000,	-0.0147	
18.460000,		-0.0251,	19.140000,		0.0596,	19.820000,		-0.0256,
18.470000,	-0.0095		19.150000,	0.0705		19.830000,	-0.0257	
18.480000,		-0.0219,	19.160000,		0.0586,	19.840000,		0.0186,
18.490000,	-0.0218		19.170000,	0.0435		19.850000,	0.0132	
18.500000,		-0.037,	19.180000,		0.0177,	19.860000,		-0.0435,
18.510000,	-0.0298		19.190000,	0.012		19.870000,	-0.0088	
18.520000,		-0.0014,	19.200000,		0.0045,	19.880000,		-0.0529,
18.530000,	-0.071		19.210000,	-0.0012		19.890000,	-0.0375	
18.540000,		-0.0631,	19.220000,		0.0031,	19.900000,		-0.0477,
18.550000,	-0.0658		19.230000,	0.0062		19.910000,	-0.0206	
18.560000,		-0.0364,	19.240000,		-0.0165,	19.920000,		-0.0253,
18.570000,	-0.0525		19.250000,	0.0083		19.930000,	0.0025	
18.580000,		-0.0201,	19.260000,		0.0093,	19.940000,		-0.0054,
18.590000,	0.0116		19.270000,	-0.0289		19.950000,	-0.0179	
18.600000,		-0.0078,	19.280000,		-0.0085,	19.960000,		0.0248,
18.610000,	0.0348		19.290000,	0.0004		19.970000,	-0.0074	
18.620000,		0.0199,	19.300000,		0.0121,	19.980000,		0.0241,
18.630000,	0.0217		19.310000,	0.0535		19.990000,	-0.0214	
18.640000,		0.0301,	19.320000,		0.0508,	20.000000,		-0.0284,
18.650000,	0.0124		19.330000,	0.0353		20.010000,	-0.0286	
18.660000,		-0.0372,	19.340000,		0.0574,	20.020000,		-0.0259,
18.670000,	0.002		19.350000,	0.0484		20.030000,	-0.026	
18.680000,		-0.048,	19.360000,		0.0296,	20.040000,		-0.0404,
18.690000,	-0.0172		19.370000,	0.0299		20.050000,	-0.0156	
18.700000,		0.0192,	19.380000,		0.0186,	20.060000,		-0.0271,
18.710000,	-0.0403		19.390000,	0.0262		20.070000,	-0.0277	
18.720000,		-0.0098,	19.400000,		0.0391,	20.080000,		-0.0161,
18.730000,	-0.0354		19.410000,	0.0249		20.090000,	-0.035	
18.740000,		-0.044,	19.420000,		0.0678,	20.100000,		-0.0603,
18.750000,	-0.0339		19.430000,	0.0594		20.110000,	-0.021	
18.760000,		-0.034,	19.440000,		0.048,	20.120000,		-0.0491,
18.770000,	-0.108		19.450000,	0.0649		20.130000,	0.0048	
18.780000,		-0.102,	19.460000,		0.0331,	20.140000,		-0.0101,
18.790000,	-0.11		19.470000,	0.0113		20.150000,	0.008	
18.800000,		-0.0634,	19.480000,		0.0156,	20.160000,		0.0092,
18.810000,	-0.054		19.490000,	-0.0211		20.170000,	-0.0113	
18.820000,		-0.0517,	19.500000,		-0.0176,	20.180000,		0.0144,

20.190000,	-0.0102		20.870000,	0.0103		21.550000,	0.0056	
20.200000,		-0.0115,	20.880000,		0.0197,	21.560000,		0.0025,
20.210000,	-0.0367		20.890000,	0.0075		21.570000,	0.0111	
20.220000,		-0.0304,	20.900000,		-0.0056,	21.580000,		0.0127,
20.230000,	-0.0328		20.910000,	-0.0006		21.590000,	0.0055	
20.240000,		-0.0549,	20.920000,		-0.0181,	21.600000,		0.0194,
20.250000,	-0.029		20.930000,	-0.0357		21.610000,	0.0181	
20.260000,		-0.0201,	20.940000,		-0.0096,	21.620000,		0.0139,
20.270000,	-0.0406		20.950000,	-0.0074		21.630000,	0.0251	
20.280000,		0.0076,	20.960000,		-0.0257,	21.640000,		0.0185,
20.290000,	0.0041		20.970000,	-0.0134		21.650000,	0.0074	
20.300000,		0.0122,	20.980000,		-0.019,	21.660000,		0.0073,
20.310000,	0.0079		20.990000,	-0.0089		21.670000,	-0.0076	
20.320000,		0.0137,	21.000000,		-0.0197,	21.680000,		-0.0083,
20.330000,	-0.0061		21.010000,	0.004		21.690000,	-0.0023	
20.340000,		0.0119,	21.020000,		0.0067,	21.700000,		-0.0045,
20.350000,	0.0167		21.030000,	0.0087		21.710000,	0.0016	
20.360000,		-0.0294,	21.040000,		0.0054,	21.720000,		-0.0192,
20.370000,	0.0101		21.050000,	0.0019		21.730000,	0.0026	
20.380000,		-0.0037,	21.060000,		0.0066,	21.740000,		-0.0029,
20.390000,	-0.0041		21.070000,	0.0002		21.750000,	0.0006	
20.400000,		0.022,	21.080000,		0.0068,	21.760000,		0.0023,
20.410000,	0.0145		21.090000,	0.0057		21.770000,	-0.0068	
20.420000,		0.021,	21.100000,		0.0193,	21.780000,		-0.0127,
20.430000,	0.0368		21.110000,	0.0208		21.790000,	-0.0051	
20.440000,		-0.013,	21.120000,		0.0065,	21.800000,		-0.0005,
20.450000,	0.0146		21.130000,	0.0105		21.810000,	-0.0209	
20.460000,		0.0178,	21.140000,		-0.0018,	21.820000,		-0.0152,
20.470000,	0.0185		21.150000,	0.0021		21.830000,	-0.0062	
20.480000,		-0.0278,	21.160000,		0.0283,	21.840000,		-0.0161,
20.490000,	-0.0207		21.170000,	-0.008		21.850000,	-0.0154	
20.500000,		-0.0398,	21.180000,		0.0097,	21.860000,		-0.01,
20.510000,	-0.0701		21.190000,	0.0172		21.870000,	-0.0084	
20.520000,		-0.0658,	21.200000,		0.0016,	21.880000,		-0.0003,
20.530000,	-0.0637		21.210000,	-0.0002		21.890000,	0.0093	
20.540000,		-0.048,	21.220000,		-0.0093,	21.900000,		0.0003,
20.550000,	-0.0407		21.230000,	0.0046		21.910000,	0.0073	
20.560000,		-0.0307,	21.240000,		-0.0036,	21.920000,		-0.0129,
20.570000,	-0.0041		21.250000,	-0.0084		21.930000,	-0.0046	
20.580000,		-0.0156,	21.260000,		0.0061,	21.940000,		-0.0141,
20.590000,	0.0169		21.270000,	0.0059		21.950000,	-0.0178	
20.600000,		0.0189,	21.280000,		0.016,	21.960000,		-0.0426,
20.610000,	0.0032		21.290000,	0.0422		21.970000,	-0.0255	
20.620000,		-0.0123,	21.300000,		0.0389,	21.980000,		-0.0232,
20.630000,	0.0031		21.310000,	0.0031		21.990000,	-0.022	
20.640000,		0.0005,	21.320000,		0.0242,	22.000000,		-0.0096,
20.650000,	0.0211		21.330000,	0.0171		22.010000,	-0.0095	
20.660000,		0.0051,	21.340000,		0.006,	22.020000,		-0.0051,
20.670000,	0.0057		21.350000,	0.0227		22.030000,	-0.0043	
20.680000,		0.0077,	21.360000,		0.0313,	22.040000,		0.0171,
20.690000,	-0.0078		21.370000,	0.0181		22.050000,	0.0021	
20.700000,		-0.0083,	21.380000,		0.0187,	22.060000,		-0.0067,
20.710000,	0.0197		21.390000,	0.0184		22.070000,	0.0207	
20.720000,		0.0005,	21.400000,		0.0182,	22.080000,		0.0076,
20.730000,	-0.0018		21.410000,	0.0109		22.090000,	0.0015	
20.740000,		0.0315,	21.420000,		0.0246,	22.100000,		0.0026,
20.750000,	0.0152		21.430000,	0.0284		22.110000,	0.0048	
20.760000,		0.0229,	21.440000,		0.0321,	22.120000,		-0.0048,
20.770000,	0.017		21.450000,	0.0191		22.130000,	0	
20.780000,		0.0094,	21.460000,		0.0141,	22.140000,		0.0015,
20.790000,	0.0219		21.470000,	0.0149		22.150000,	-0.0137	
20.800000,		-0.009,	21.480000,		0.0054,	22.160000,		-0.0077,
20.810000,	0.0023		21.490000,	-0.0009		22.170000,	-0.0092	
20.820000,		0.007,	21.500000,		-0.0143,	22.180000,		-0.0067,
20.830000,	-0.0013		21.510000,	0.0023		22.190000,	-0.0069	
20.840000,		-0.0059,	21.520000,		0.0021,	22.200000,		-0.0061,
20.850000,	0.0038		21.530000,	-0.0024		22.210000,	-0.0044	
20.860000,		0.0133,	21.540000,		-0.0135,	22.220000,		-0.0101,

22.230000,	-0.0093		22.910000,	0.0032		23.590000,	0.0025	
22.240000,		0.007,	22.920000,		0.0091,	23.600000,		0.0015,
22.250000,	-0.008		22.930000,	0.0004		23.610000,	-0.0009	
22.260000,		-0.0001,	22.940000,		-0.0009,	23.620000,		0.0016,
22.270000,	-0.0057		22.950000,	0.0014		23.630000,	-0.0021	
22.280000,		-0.0072,	22.960000,		0.005,	23.640000,		-0.001,
22.290000,	0.0075		22.970000,	0.0019		23.650000,	-0.0015	
22.300000,		-0.0087,	22.980000,		0.0069,	23.660000,		-0.0042,
22.310000,	0.0004		22.990000,	0.0046		23.670000,	-0.0012	
22.320000,		-0.0078,	23.000000,		0.0031,	23.680000,		-0.0021,
22.330000,	-0.0132		23.010000,	0.0051		23.690000,	0.0009	
22.340000,		-0.0106,	23.020000,		0.0074,	23.700000,		-0.0011,
22.350000,	-0.0061		23.030000,	0.0045		23.710000,	-0.0013	
22.360000,		-0.0108,	23.040000,		0.0088,	23.720000,		0.0015,
22.370000,	-0.0062		23.050000,	0.0135		23.730000,	0.0016	
22.380000,		-0.003,	23.060000,		0.0105,	23.740000,		-0.0008,
22.390000,	-0.0087		23.070000,	0.0121		23.750000,	-0.0011	
22.400000,		-0.0103,	23.080000,		0.014,	23.760000,		-0.0002,
22.410000,	0.0001		23.090000,	0.0107		23.770000,	-0.001	
22.420000,		-0.0169,	23.100000,		0.0058,	23.780000,		-0.0009,
22.430000,	-0.0073		23.110000,	0.006		23.790000,	-0.0007	
22.440000,		0.0027,	23.120000,		0.0016,	23.800000,		-0.0006,
22.450000,	0.0034		23.130000,	0.0103		23.810000,	-0.001	
22.460000,		0.0026,	23.140000,		0.0073,	23.820000,		-0.0018,
22.470000,	-0.0033		23.150000,	0.0023		23.830000,	-0.0001	
22.480000,		0.0035,	23.160000,		0.0061,	23.840000,		-0.0013,
22.490000,	-0.0039		23.170000,	-0.001		23.850000,	-0.0014	
22.500000,		0.0078,	23.180000,		0.0012,	23.860000,		-0.0009,
22.510000,	0.0087		23.190000,	0.0004		23.870000,	-0.0014	
22.520000,		0.0056,	23.200000,		0.0034,	23.880000,		-0.0016,
22.530000,	0.0168		23.210000,	0.0016		23.890000,	-0.0015	
22.540000,		-0.0002,	23.220000,		-0.0077,	23.900000,		-0.0018,
22.550000,	-0.0041		23.230000,	-0.0012		23.910000,	-0.0019	
22.560000,		0.0035,	23.240000,		-0.0068,	23.920000,		-0.0012,
22.570000,	0.0114		23.250000,	-0.0101		23.930000,	-0.0008	
22.580000,		0.0105,	23.260000,		-0.0022,	23.940000,		-0.0011,
22.590000,	-0.0006		23.270000,	-0.0015		23.950000,	-0.0009	
22.600000,		0.0233,	23.280000,		-0.0062,	23.960000,		-0.0009,
22.610000,	0.0021		23.290000,	-0.0035		23.970000,	-0.0007	
22.620000,		0.0057,	23.300000,		-0.0012,	23.980000,		-0.0005,
22.630000,	0.0148		23.310000,	-0		23.990000,	-0.0003	
22.640000,		0.0013,	23.320000,		0.0038,	24.000000,		-0.0002,
22.650000,	0.0119		23.330000,	0.0034		48.040000,	0.0082	
22.660000,		0.0101,	23.340000,		-0.0002,	48.060000,		0.0085,
22.670000,	-0.0124		23.350000,	0.0025		48.080000,	0.0087	
22.680000,		0.0011,	23.360000,		-0.0026,	48.100000,		0.0089,
22.690000,	-0.0019		23.370000,	-0.0021		48.120000,	0.0091	
22.700000,		0.0002,	23.380000,		0.0045,	48.140000,		0.0094,
22.710000,	0.0091		23.390000,	0.0026		48.160000,	0.0096	
22.720000,		0.0086,	23.400000,		0.0001,	48.180000,		0.0098,
22.730000,	0.0087		23.410000,	0.0008		48.200000,	0.0094	
22.740000,		0.0011,	23.420000,		0.0041,	48.220000,		0.009,
22.750000,	-0.001		23.430000,	0.0008		48.240000,	0.0085	
22.760000,		-0.0001,	23.440000,		0.0061,	48.260000,		0.0081,
22.770000,	0.0047		23.450000,	0.0017		48.280000,	0.0082	
22.780000,		-0.0032,	23.460000,		0.0017,	48.300000,		0.0085,
22.790000,	0.0103		23.470000,	0.0019		48.320000,	0.0087	
22.800000,		0.004,	23.480000,		0.0011,	48.340000,		0.009,
22.810000,	-0.004		23.490000,	0.0045		48.360000,	0.0092	
22.820000,		-0.002,	23.500000,		0.0042,	48.380000,		0.0085,
22.830000,	-0.011		23.510000,	0.0045		48.400000,	0.0076	
22.840000,		-0.006,	23.520000,		0.0053,	48.420000,		0.0067,
22.850000,	0.0023		23.530000,	0.0039		48.440000,	0.0061	
22.860000,		-0.002,	23.540000,		0.0026,	48.460000,		0.0061,
22.870000,	0.0018		23.550000,	0.0003		48.480000,	0.0061	
22.880000,		0.0032,	23.560000,		0.0043,	48.500000,		0.006,
22.890000,	0.0067		23.570000,	0.0033		48.520000,	0.006	
22.900000,		0.0005,	23.580000,		0.0012,	48.540000,		0.006,

48.560000,	0.006		49.920000,	-0.004		51.280000,	-0.0165	
48.580000,		0.0052,	49.940000,		-0.0043,	51.300000,		-0.0113,
48.600000,	0.0045		49.960000,	-0.0046		51.320000,	-0.0034	
48.620000,		0.0037,	49.980000,		-0.0037,	51.340000,		-0.0022,
48.640000,	0.0029		50.000000,	-0.0019		51.360000,	-0.0077	
48.660000,		0.0018,	50.020000,		-0.0001,	51.380000,		-0.0117,
48.680000,	0.0007		50.040000,	0.0018		51.400000,	-0.0076	
48.700000,		-0.0004,	50.060000,		0.0034,	51.420000,		-0.0034,
48.720000,	-0.0015		50.080000,	0.0021		51.440000,	-0.0018	
48.740000,		-0.0026,	50.100000,		0.0007,	51.460000,		-0.0018,
48.760000,	-0.002		50.120000,	-0.0007		51.480000,	-0.0005	
48.780000,		-0.0012,	50.140000,		-0.0014,	51.500000,		0.0024,
48.800000,	-0.0003		50.160000,	-0.001		51.520000,	0.0053	
48.820000,		0.0006,	50.180000,		-0.0007,	51.540000,		0.0062,
48.840000,	0.0005		50.200000,	-0.0003		51.560000,	0.0023	
48.860000,		-0.0009,	50.220000,		0,	51.580000,		-0.0016,
48.880000,	-0.0023		50.240000,	0.0004		51.600000,	-0.0055	
48.900000,		-0.0024,	50.260000,		0.0007,	51.620000,		-0.0094,
48.920000,	-0.002		50.280000,	0.0006		51.640000,	-0.0096	
48.940000,		-0.0016,	50.300000,		0.0002,	51.660000,		0.001,
48.960000,	-0.0013		50.320000,	-0.0003		51.680000,	0.0117	
48.980000,		-0.0009,	50.340000,		-0.0007,	51.700000,		0.0115,
49.000000,	-0.0008		50.360000,	-0.0012		51.720000,	0.0067	
49.020000,		-0.0014,	50.380000,		-0.0016,	51.740000,		0.0019,
49.040000,	-0.0021		50.400000,	-0.0016		51.760000,	-0.0029	
49.060000,		-0.0028,	50.420000,		-0.0016,	51.780000,		-0.0059,
49.080000,	-0.0034		50.440000,	-0.0016		51.800000,	-0.0033	
49.100000,		-0.0022,	50.460000,		-0.0026,	51.820000,		-0.0007,
49.120000,	-0.0009		50.480000,	-0.0039		51.840000,	0.0005	
49.140000,		0.0004,	50.500000,		-0.0053,	51.860000,		-0.0007,
49.160000,	0.0016		50.520000,	-0.0066		51.880000,	-0.0018	
49.180000,		0.002,	50.540000,		-0.0079,	51.900000,		-0.0029,
49.200000,	0.0014		50.560000,	-0.0093		51.920000,	-0.0027	
49.220000,		0.0008,	50.580000,		-0.0078,	51.940000,		-0.0013,
49.240000,	0.0009		50.600000,	-0.0061		51.960000,	0	
49.260000,		0.0014,	50.620000,		-0.0043,	51.980000,		0.0015,
49.280000,	0.0019		50.640000,	-0.0025		52.000000,	0.0044	
49.300000,		0.0024,	50.660000,		-0.0008,	52.020000,		0.0073,
49.320000,	0.0021		50.680000,	0.0002		52.040000,	0.0102	
49.340000,		0.0016,	50.700000,		-0.0028,	52.060000,		0.0068,
49.360000,	0.0011		50.720000,	-0.0059		52.080000,	0.0033	
49.380000,		0.0022,	50.740000,		-0.0089,	52.100000,		-0.0001,
49.400000,	0.0033		50.760000,	-0.0107		52.120000,	-0.0035	
49.420000,		0.0044,	50.780000,		-0.0057,	52.140000,		-0.0061,
49.440000,	0.0043		50.800000,	-0.0007		52.160000,	-0.0012	
49.460000,		0.0037,	50.820000,		0.0043,	52.180000,		0.0038,
49.480000,	0.0031		50.840000,	0.0051		52.200000,	0.0087	
49.500000,		0.0025,	50.860000,		-0.0041,	52.220000,		0.0097,
49.520000,	0.0019		50.880000,	-0.0133		52.240000,	0.0033	
49.540000,		0.0013,	50.900000,		-0.0223,	52.260000,		-0.0032,
49.560000,	0.0011		50.920000,	-0.023		52.280000,	-0.0062	
49.580000,		0.001,	50.940000,		-0.0134,	52.300000,		-0.0042,
49.600000,	0.001		50.960000,	-0.0078		52.320000,	-0.0023	
49.620000,		-0.0012,	50.980000,		-0.0084,	52.340000,		-0.0009,
49.640000,	-0.0044		51.000000,	-0.009		52.360000,	-0.0053	
49.660000,		-0.0076,	51.020000,		-0.0059,	52.380000,		-0.009,
49.680000,	-0.0083		51.040000,	0.0058		52.400000,	-0.0087	
49.700000,		-0.0085,	51.060000,		0.0175,	52.420000,		-0.0084,
49.720000,	-0.0087		51.080000,	0.0198		52.440000,	-0.0081	
49.740000,		-0.0088,	51.100000,		0.0044,	52.460000,		-0.0079,
49.760000,	-0.009		51.120000,	-0.011		52.480000,	-0.0069	
49.780000,		-0.0092,	51.140000,		-0.0144,	52.500000,		-0.0049,
49.800000,	-0.0091		51.160000,	-0.0079		52.520000,	-0.003	
49.820000,		-0.0075,	51.180000,		-0.0014,	52.540000,		-0.0011,
49.840000,	-0.0058		51.200000,	0.0051		52.560000,	0.0021	
49.860000,		-0.0041,	51.220000,		0.0116,	52.580000,		0.0054,
49.880000,	-0.0034		51.240000,	0.0045		52.600000,	0.007	
49.900000,		-0.0037,	51.260000,		-0.006,	52.620000,		0.0054,

52.640000,	0.0044			0.120000,	0.0004,	0.800000,	-0.0678,
52.660000,		0.0047,	0.130000,	0.0066		0.810000,	-0.0366
52.680000,	0.0051			0.140000,	0.0037,	0.820000,	-0.0101,
52.700000,		0.0037,	0.150000,	0.0148		0.830000,	-0.0128
52.720000,	0			0.160000,	0.0137,	0.840000,	-0.0249,
52.740000,		-0.0036,	0.170000,	0.0274		0.850000,	-0.0716
52.760000,	-0.0073			0.180000,	0.0339,	0.860000,	-0.0544,
52.780000,		-0.0109,	0.190000,	0.0178		0.870000,	0.0395
52.800000,	-0.0102			0.200000,	0.028,	0.880000,	-0.0433,
52.820000,		-0.009,	0.210000,	0.0105		0.890000,	0.0542
52.840000,	-0.0077			0.220000,	0.0155,	0.900000,	0.0496,
52.860000,		-0.0078,	0.230000,	0.0229		0.910000,	0.0229
52.880000,	-0.0085			0.240000,	0.027,	0.920000,	0.0799,
52.900000,		-0.0092,	0.250000,	0.0254		0.930000,	-0.0049
52.920000,	-0.0079			0.260000,	0.0195,	0.940000,	0.117,
52.940000,		-0.0049,	0.270000,	0.0204		0.950000,	0.0781
52.960000,	-0.0019			0.280000,	0.02,	0.960000,	0.043,
52.980000,		0,	0.290000,	0.027		0.970000,	0.0725
53.000000,	-0.0006			0.300000,	0.0224,	0.980000,	0.0967,
53.020000,		-0.0013,	0.310000,	0.0188		0.990000,	0.107
53.040000,	-0.0002			0.320000,	0.0403,	1.000000,	0.0541,
53.060000,		0.0019,	0.330000,	0.0347		1.010000,	-0.0128
53.080000,	0.0039			0.340000,	0.0587,	1.020000,	0.0379,
53.100000,		0.006,	0.350000,	0.0235		1.030000,	0.0132
53.120000,	0.0067			0.360000,	0.0244,	1.040000,	-0.0263,
53.140000,		0.0045,	0.370000,	0.0212		1.050000,	-0.0247
53.160000,	0.0023			0.380000,	0.0061,	1.060000,	0.0414,
53.180000,		0.0001,	0.390000,	0.0295		1.070000,	-0.0162
53.200000,	0.0009			0.400000,	0.0316,	1.080000,	0.0429,
53.220000,		0.0026,	0.410000,	0.0507		1.090000,	-0.0848
53.240000,	0.0043			0.420000,	0.048,	1.100000,	0.022,
53.260000,		0.006,	0.430000,	0.0542		1.110000,	0.0009
53.280000,	0.0055			0.440000,	0.0396,	1.120000,	-0.0086,
53.300000,		0.005,	0.450000,	0.0517		1.130000,	0.051
53.320000,	0.0045			0.460000,	0.0231,	1.140000,	-0.0331,
53.340000,		0.0054,	0.470000,	0.0301		1.150000,	-0.0237
53.360000,	0.0081			0.480000,	0.0544,	1.160000,	-0.0102,
53.380000,		0.0108,	0.490000,	0.0863		1.170000,	-0.0243
53.400000,	0.0135			0.500000,	0.104,	1.180000,	-0.0688,
53.420000,		0.0141,	0.510000,	0.0559		1.190000,	-0.0372
53.440000,	0.0138			0.520000,	0.0607,	1.200000,	-0.0804,
53.460000,		0.0124,	0.530000,	0.054		1.210000,	-0.0196
53.480000,	0.0098			0.540000,	0.0124,	1.220000,	0.0223,
53.500000,		0.0071,	0.550000,	0.0144		1.230000,	-0.0157
53.520000,	0.0045			0.560000,	-0.0107,	1.240000,	0.0235,
53.540000,		0.0022,	0.570000,	-0.0142		1.250000,	-0.015
53.560000,	0.0031			0.580000,	-0.0362,	1.260000,	0.0909,
53.580000,		0.004,	0.590000,	-0.0966		1.270000,	0.0128
53.600000,	0.0049			0.600000,	-0.0826,	1.280000,	0.0052,
53.620000,		0.0057,	0.610000,	-0.109		1.290000,	-0.0124
53.640000,	0.0066			0.620000,	-0.0795,	1.300000,	-0.0153,
53.660000,		0.0075,	0.630000,	-0.0531		1.310000,	0.0229
53.680000,	0.0074			0.640000,	-0.0591,	1.320000,	-0.0083,
53.700000,		0.0054,	0.650000,	-0.0744		1.330000,	0.126
53.720000,	0.0033			0.660000,	-0.0959,	1.340000,	-0.0089,
FUNC=ES22, 1, 1, 0, 1, 9.806,				0.670000,		1.350000,	0.13
0.000000,		0.0018,		0.680000,	-0.0946,	1.360000,	0.0444,
0.010000,	0.0027			0.690000,		1.370000,	-0.0143
0.020000,		0.0046,		0.700000,	-0.0848,	1.380000,	0.083,
0.030000,	0.004			0.710000,		1.390000,	-0.0943
0.040000,		0.001,		0.720000,	-0.0688,	1.400000,	-0.013,
0.050000,	0.0042			0.730000,		1.410000,	-0.0592
0.060000,		0.0012,		0.740000,	-0.0979,	1.420000,	-0.0614,
0.070000,	0.0061			0.750000,		1.430000,	-0.0723
0.080000,		0.0089,		0.760000,	-0.12,	1.440000,	-0.102,
0.090000,	0.0079			0.770000,		1.450000,	0.012
0.100000,		0.0078,		0.780000,	-0.113,	1.460000,	0.0282,
0.110000,	0.001			0.790000,		1.470000,	0.01

1.480000,	-0.0147,	2.160000,	-0.0596,	2.840000,	0.0837,
1.490000, -0.0206		2.170000, 0.0517		2.850000, 0.115	
1.500000,	-0.0526,	2.180000,	0.0144,	2.860000,	0.0873,
1.510000, 0.0296		2.190000, 0.045		2.870000, 0.116	
1.520000,	-0.128,	2.200000,	-0.0411,	2.880000,	0.0719,
1.530000, -0.055		2.210000, -0.113		2.890000, 0.0927	
1.540000,	-0.0908,	2.220000,	-0.0813,	2.900000,	0.03,
1.550000, -0.0643		2.230000, -0.0243		2.910000, 0.0682	
1.560000,	-0.0597,	2.240000,	-0.0298,	2.920000,	0.118,
1.570000, -0.0207		2.250000, 0.0334		2.930000, 0.107	
1.580000,	0.0468,	2.260000,	0.0588,	2.940000,	0.0749,
1.590000, -0.0482		2.270000, -0.032		2.950000, -0.0721	
1.600000,	-0.0523,	2.280000,	0.0513,	2.960000,	-0.0548,
1.610000, -0.0628		2.290000, 0.129		2.970000, -0.0187	
1.620000,	-0.0451,	2.300000,	0.125,	2.980000,	-0.0251,
1.630000, 0.0376		2.310000, 0.0793		2.990000, -0.0506	
1.640000,	-0.0147,	2.320000,	0.112,	3.000000,	-0.107,
1.650000, 0.0146		2.330000, 0.0635		3.010000, -0.0183	
1.660000,	0.0383,	2.340000,	0.053,	3.020000,	0.05,
1.670000, 0.129		2.350000, 0.0286		3.030000, 0.0321	
1.680000,	0.0896,	2.360000,	-0.0264,	3.040000,	0.0732,
1.690000, 0.143		2.370000, 0.0419		3.050000, 0.0982	
1.700000,	0.0094,	2.380000,	-0.0703,	3.060000,	0.0117,
1.710000, 0.0219		2.390000, 0.0246		3.070000, 0.0893	
1.720000,	-0.067,	2.400000,	0.0942,	3.080000,	-0.0102,
1.730000, -0.0191		2.410000, 0.106		3.090000, -0.0285	
1.740000,	-0.0102,	2.420000,	0.15,	3.100000,	-0.0097,
1.750000, -0.0002		2.430000, 0.0629		3.110000, -0.108	
1.760000,	0.0088,	2.440000,	0.112,	3.120000,	0.0545,
1.770000, -0.0679		2.450000, -0.0526		3.130000, -0.0022	
1.780000,	0.0153,	2.460000,	-0.0239,	3.140000,	-0.058,
1.790000, 0.0158		2.470000, 0.0424		3.150000, -0.052	
1.800000,	-0.0339,	2.480000,	0.0416,	3.160000,	0.0242,
1.810000, -0.0082		2.490000, -0.0578		3.170000, 0.0552	
1.820000,	-0.0293,	2.500000,	-0.047,	3.180000,	-0.0349,
1.830000, 0.0917		2.510000, 0.072		3.190000, -0.0789	
1.840000,	0.035,	2.520000,	-0.0471,	3.200000,	-0.083,
1.850000, 0.0984		2.530000, -0.0453		3.210000, -0.121	
1.860000,	0.12,	2.540000,	-0.0709,	3.220000,	-0.096,
1.870000, 0.0804		2.550000, -0.127		3.230000, -0.0701	
1.880000,	0.102,	2.560000,	0.0247,	3.240000,	-0.0761,
1.890000, 0.0114		2.570000, -0.0976		3.250000, -0.105	
1.900000,	-0.0056,	2.580000,	-0.0655,	3.260000,	-0.047,
1.910000, -0.051		2.590000, -0.0266		3.270000, 0.0148	
1.920000,	-0.0979,	2.600000,	-0.0132,	3.280000,	-0.0451,
1.930000, -0.111		2.610000, -0.0202		3.290000, -0.0521	
1.940000,	-0.0697,	2.620000,	-0.0216,	3.300000,	-0.0144,
1.950000, -0.0109		2.630000, -0.0654		3.310000, 0.0091	
1.960000,	-0.0622,	2.640000,	0.011,	3.320000,	0.0976,
1.970000, -0.0006		2.650000, -0.141		3.330000, 0.027	
1.980000,	-0.01,	2.660000,	-0.0907,	3.340000,	0.0073,
1.990000, 0.0174		2.670000, -0.127		3.350000, 0.137	
2.000000,	0.0245,	2.680000,	-0.115,	3.360000,	0.0425,
2.010000, 0.0244		2.690000, -0.0693		3.370000, 0.0082	
2.020000,	-0.0568,	2.700000,	-0.0899,	3.380000,	-0.0088,
2.030000, -0.0007		2.710000, -0.131		3.390000, 0.0082	
2.040000,	0.0024,	2.720000,	-0.0972,	3.400000,	0.0333,
2.050000, -0.0428		2.730000, -0.105		3.410000, -0.0253	
2.060000,	-0.0441,	2.740000,	-0.0497,	3.420000,	-0.0779,
2.070000, -0.0324		2.750000, -0.0467		3.430000, -0.0693	
2.080000,	0.0668,	2.760000,	0.042,	3.440000,	-0.0105,
2.090000, 0.0019		2.770000, 0.0313		3.450000, -0.0243	
2.100000,	0.0103,	2.780000,	0.101,	3.460000,	-0.0778,
2.110000, -0.0571		2.790000, 0.0555		3.470000, 0.0205	
2.120000,	-0.0536,	2.800000,	0.0822,	3.480000,	0.0323,
2.130000, -0.0001		2.810000, 0.0693		3.490000, 0.0729	
2.140000,	0.023,	2.820000,	0.131,	3.500000,	-0.0343,
2.150000, -0.0415		2.830000, 0.0914		3.510000, 0.0848	

3.520000,	0.0126,	4.200000,	0.0499,	4.880000,	0.0103,
3.530000, 0.0425		4.210000, 0.0544		4.890000, 0.043	
3.540000,	0.071,	4.220000,	0.036,	4.900000,	0.027,
3.550000, 0.009		4.230000, 0.0463		4.910000, -0.0826	
3.560000,	-0.0299,	4.240000,	0.0637,	4.920000,	-0.0226,
3.570000, -0.0758		4.250000, 0.0582		4.930000, 0.0075	
3.580000,	0.0145,	4.260000,	0.0455,	4.940000,	-0.0187,
3.590000, 0.0387		4.270000, -0.009		4.950000, -0.034	
3.600000,	0.143,	4.280000,	0.0083,	4.960000,	0.0585,
3.610000, 0.0268		4.290000, 0.0742		4.970000, -0.0791	
3.620000,	0.0152,	4.300000,	0.0588,	4.980000,	0.0447,
3.630000, -0.0626		4.310000, 0.134		4.990000, -0.0084	
3.640000,	-0.0127,	4.320000,	-0.0199,	5.000000,	-0.0343,
3.650000, -0.0126		4.330000, 0.0609		5.010000, -0.105	
3.660000,	-0.0848,	4.340000,	0.0619,	5.020000,	-0.0967,
3.670000, -0.0835		4.350000, -0.113		5.030000, -0.128	
3.680000,	-0.13,	4.360000,	0.0756,	5.040000,	-0.0898,
3.690000, -0.0459		4.370000, 0.012		5.050000, -0.105	
3.700000,	-0.121,	4.380000,	0.0498,	5.060000,	-0.142,
3.710000, 0.0012		4.390000, 0.0169		5.070000, -0.154	
3.720000,	-0.114,	4.400000,	-0.0175,	5.080000,	-0.0779,
3.730000, 0.0193		4.410000, 0.0196		5.090000, -0.12	
3.740000,	-0.044,	4.420000,	-0.0713,	5.100000,	-0.0726,
3.750000, -0.007		4.430000, -0.139		5.110000, -0.11	
3.760000,	0.035,	4.440000,	-0.143,	5.120000,	-0.106,
3.770000, -0.0916		4.450000, -0.0943		5.130000, -0.0078	
3.780000,	0.0882,	4.460000,	-0.125,	5.140000,	-0.0339,
3.790000, 0.123		4.470000, -0.087		5.150000, 0.0536	
3.800000,	0.0697,	4.480000,	-0.0776,	5.160000,	-0.116,
3.810000, -0.026		4.490000, 0.0021		5.170000, -0.113	
3.820000,	0.0444,	4.500000,	-0.0888,	5.180000,	-0.0425,
3.830000, 0.001		4.510000, -0.0555		5.190000, -0.0723	
3.840000,	-0.0138,	4.520000,	-0.0358,	5.200000,	0.0482,
3.850000, -0.0612		4.530000, 0.077		5.210000, 0.1	
3.860000,	-0.108,	4.540000,	0.107,	5.220000,	0.0911,
3.870000, 0.0261		4.550000, 0.0473		5.230000, 0.104	
3.880000,	-0.0228,	4.560000,	0.0823,	5.240000,	0.0816,
3.890000, -0.034		4.570000, 0.0555		5.250000, 0.0387	
3.900000,	-0.0152,	4.580000,	0.1,	5.260000,	0.086,
3.910000, -0.0222		4.590000, 0.0932		5.270000, 0.0326	
3.920000,	-0.0402,	4.600000,	-0.0328,	5.280000,	0.0652,
3.930000, -0.115		4.610000, 0.0836		5.290000, 0.106	
3.940000,	-0.0393,	4.620000,	0.0197,	5.300000,	0.0008,
3.950000, 0.056		4.630000, 0.0792		5.310000, 0.0316	
3.960000,	-0.0362,	4.640000,	0.0788,	5.320000,	-0.115,
3.970000, -0.007		4.650000, 0.102		5.330000, -0.0688	
3.980000,	0.0258,	4.660000,	0.128,	5.340000,	-0.0827,
3.990000, -0.104		4.670000, 0.063		5.350000, -0.0975	
4.000000,	-0.139,	4.680000,	0.0845,	5.360000,	-0.0204,
4.010000, -0.129		4.690000, 0.0843		5.370000, -0.0801	
4.020000,	-0.0873,	4.700000,	0.024,	5.380000,	0.0355,
4.030000, -0.101		4.710000, 0.144		5.390000, 0.0544	
4.040000,	-0.0694,	4.720000,	0.0651,	5.400000,	0.042,
4.050000, -0.052		4.730000, 0.0791		5.410000, 0.0384	
4.060000,	-0.0334,	4.740000,	0.124,	5.420000,	0.0384,
4.070000, -0.0778		4.750000, 0.0422		5.430000, 0.0143	
4.080000,	0.0189,	4.760000,	0.0374,	5.440000,	0.0246,
4.090000, -0.0888		4.770000, 0.0145		5.450000, 0.0247	
4.100000,	-0.0251,	4.780000,	0.0089,	5.460000,	-0.0039,
4.110000, 0.0024		4.790000, -0.016		5.470000, 0.0593	
4.120000,	-0.0458,	4.800000,	-0.0108,	5.480000,	0.0233,
4.130000, 0.0434		4.810000, -0.0019		5.490000, 0.102	
4.140000,	0.008,	4.820000,	-0.0966,	5.500000,	0.116,
4.150000, 0.0224		4.830000, -0.0198		5.510000, 0.08	
4.160000,	0.102,	4.840000,	0.0104,	5.520000,	0.0993,
4.170000, 0.106		4.850000, -0.0132		5.530000, 0.0536	
4.180000,	0.0946,	4.860000,	-0.0612,	5.540000,	0.102,
4.190000, -0.0391		4.870000, -0.0242		5.550000, 0.133	

5.560000,	0.0377,	6.240000,	0.054,	6.920000,	-0.11,
5.570000, 0.0237		6.250000, 0.0689		6.930000, -0.0544	
5.580000,	-0.0552,	6.260000,	0.0839,	6.940000,	-0.0746,
5.590000, -0.0301		6.270000, 0.146		6.950000, -0.123	
5.600000,	-0.066,	6.280000,	-0.0066,	6.960000,	-0.0559,
5.610000, 0.0117		6.290000, 0.0046		6.970000, -0.0245	
5.620000,	-0.0739,	6.300000,	-0.119,	6.980000,	-0.0533,
5.630000, 0.016		6.310000, 0.0433		6.990000, 0.0533	
5.640000,	-0.0694,	6.320000,	0.0151,	7.000000,	-0.0362,
5.650000, -0.0208		6.330000, -0.0385		7.010000, -0.0283	
5.660000,	0.0401,	6.340000,	0.057,	7.020000,	0.0141,
5.670000, -0.0936		6.350000, -0.0815		7.030000, -0.0388	
5.680000,	0.082,	6.360000,	-0.0198,	7.040000,	-0.0805,
5.690000, -0.0707		6.370000, -0.0267		7.050000, -0.0827	
5.700000,	0.0255,	6.380000,	-0.061,	7.060000,	-0.0481,
5.710000, 0.0142		6.390000, 0.0224		7.070000, -0.0514	
5.720000,	-0.0542,	6.400000,	-0.0847,	7.080000,	-0.0029,
5.730000, -0.0877		6.410000, -0.0259		7.090000, -0.0761	
5.740000,	-0.0696,	6.420000,	-0.0413,	7.100000,	-0.0519,
5.750000, 0.0483		6.430000, -0.0706		7.110000, -0.0543	
5.760000,	-0.068,	6.440000,	-0.0699,	7.120000,	-0.0239,
5.770000, -0.0378		6.450000, -0.0287		7.130000, -0.0137	
5.780000,	-0.0737,	6.460000,	0.0376,	7.140000,	-0.105,
5.790000, 0.0515		6.470000, 0.071		7.150000, -0.0022	
5.800000,	-0.0129,	6.480000,	0.0684,	7.160000,	-0.0122,
5.810000, 0.0021		6.490000, -0.0194		7.170000, -0.067	
5.820000,	0.0011,	6.500000,	0.0475,	7.180000,	-0.0022,
5.830000, 0.113		6.510000, -0.0092		7.190000, -0.0958	
5.840000,	0.0871,	6.520000,	-0.0095,	7.200000,	0.0055,
5.850000, 0.0775		6.530000, -0.0363		7.210000, 0.0383	
5.860000,	0.0974,	6.540000,	-0.0136,	7.220000,	0.114,
5.870000, 0.027		6.550000, -0.132		7.230000, 0.0507	
5.880000,	0.0468,	6.560000,	0.145,	7.240000,	-0.006,
5.890000, -0.022		6.570000, 0.127		7.250000, 0.0053	
5.900000,	0.0205,	6.580000,	0.0757,	7.260000,	-0.0391,
5.910000, 0.0067		6.590000, 0.116		7.270000, -0.003	
5.920000,	-0.0127,	6.600000,	0.0806,	7.280000,	0.0212,
5.930000, 0.0029		6.610000, 0.108		7.290000, -0.038	
5.940000,	-0.096,	6.620000,	0.0754,	7.300000,	-0.0961,
5.950000, 0.0447		6.630000, 0.0883		7.310000, 0.0545	
5.960000,	-0.114,	6.640000,	0.143,	7.320000,	0.0088,
5.970000, -0.0236		6.650000, 0.0032		7.330000, 0.061	
5.980000,	-0.0076,	6.660000,	0.0606,	7.340000,	-0.0343,
5.990000, 0.0636		6.670000, -0.0472		7.350000, -0.0095	
6.000000,	0.0481,	6.680000,	-0.0389,	7.360000,	-0.103,
6.010000, -0.0207		6.690000, 0.0682		7.370000, -0.132	
6.020000,	0.0722,	6.700000,	-0.0623,	7.380000,	-0.128,
6.030000, -0.032		6.710000, -0.0484		7.390000, -0.0698	
6.040000,	-0.0116,	6.720000,	0.0355,	7.400000,	-0.0889,
6.050000, -0.0803		6.730000, -0.0415		7.410000, -0.0781	
6.060000,	-0.0493,	6.740000,	-0.0168,	7.420000,	-0.026,
6.070000, 0.0869		6.750000, -0.0304		7.430000, -0.0547	
6.080000,	-0.124,	6.760000,	0.0274,	7.440000,	0.125,
6.090000, -0.0182		6.770000, 0.0833		7.450000, 0.0858	
6.100000,	-0.0024,	6.780000,	-0.0823,	7.460000,	-0.0036,
6.110000, 0.008		6.790000, -0.106		7.470000, 0.109	
6.120000,	0.0519,	6.800000,	-0.0839,	7.480000,	-0.0278,
6.130000, 0.0367		6.810000, -0.0974		7.490000, 0.0418	
6.140000,	0.0831,	6.820000,	-0.0555,	7.500000,	-0.0339,
6.150000, 0.0748		6.830000, -0.0136		7.510000, 0.0154	
6.160000,	0.0985,	6.840000,	-0.0844,	7.520000,	0.132,
6.170000, 0.0813		6.850000, -0.0845		7.530000, 0.0933	
6.180000,	0.0702,	6.860000,	0.0166,	7.540000,	0.0557,
6.190000, 0.151		6.870000, 0.0287		7.550000, 0.0414	
6.200000,	0.0982,	6.880000,	0.066,	7.560000,	0.0359,
6.210000, 0.0564		6.890000, 0.0554		7.570000, 0.0194	
6.220000,	0.11,	6.900000,	-0.0258,	7.580000,	-0.0024,
6.230000, 0.138		6.910000, -0.0652		7.590000, 0.106	

7.600000,	0.0479,	8.280000,	0.0863,	8.960000,	0.011,
7.610000, 0.0211		8.290000, 0.0416		8.970000, -0.0976	
7.620000,	0.0012,	8.300000,	0.053,	8.980000,	-0.0883,
7.630000, 0.0493		8.310000, 0.0603		8.990000, -0.0896	
7.640000,	0.0402,	8.320000,	-0.0489,	9.000000,	-0.0857,
7.650000, -0.0373		8.330000, 0.0865		9.010000, -0.103	
7.660000,	-0.0745,	8.340000,	0.0079,	9.020000,	-0.0201,
7.670000, -0.0535		8.350000, -0.061		9.030000, 0.0281	
7.680000,	-0.0477,	8.360000,	0.0047,	9.040000,	-0.0128,
7.690000, 0.0356		8.370000, -0.064		9.050000, -0.0212	
7.700000,	-0.0086,	8.380000,	-0.0095,	9.060000,	-0.0482,
7.710000, 0.0541		8.390000, -0.0004		9.070000, -0.128	
7.720000,	0.0637,	8.400000,	0.0289,	9.080000,	-0.149,
7.730000, 0.0012		8.410000, -0.0735		9.090000, -0.0751	
7.740000,	0.106,	8.420000,	-0.0702,	9.100000,	-0.0906,
7.750000, 0.0442		8.430000, -0.0926		9.110000, -0.0115	
7.760000,	-0.0276,	8.440000,	-0.0698,	9.120000,	-0.0682,
7.770000, 0.0135		8.450000, -0.133		9.130000, -0.114	
7.780000,	-0.0685,	8.460000,	-0.14,	9.140000,	0.0071,
7.790000, -0.0473		8.470000, -0.0129		9.150000, -0.0007	
7.800000,	-0.0407,	8.480000,	0.022,	9.160000,	-0.0234,
7.810000, -0.14		8.490000, 0.0214		9.170000, -0.0101	
7.820000,	-0.0251,	8.500000,	-0.0219,	9.180000,	0.0673,
7.830000, -0.154		8.510000, -0.0463		9.190000, 0.112	
7.840000,	-0.0734,	8.520000,	0.0308,	9.200000,	-0.0061,
7.850000, -0.0128		8.530000, -0.0727		9.210000, 0.0342	
7.860000,	-0.0523,	8.540000,	-0.0763,	9.220000,	0.0074,
7.870000, 0.021		8.550000, -0.0731		9.230000, -0.0255	
7.880000,	-0.106,	8.560000,	-0.005,	9.240000,	0.121,
7.890000, 0.0131		8.570000, -0.0569		9.250000, 0.0693	
7.900000,	0.0099,	8.580000,	-0.025,	9.260000,	0.0184,
7.910000, -0.0116		8.590000, -0.0818		9.270000, -0.0383	
7.920000,	-0.0164,	8.600000,	-0.141,	9.280000,	-0.0851,
7.930000, 0.0352		8.610000, -0.0346		9.290000, 0.0248	
7.940000,	-0.049,	8.620000,	-0.0437,	9.300000,	0.0293,
7.950000, -0.0536		8.630000, -0.0464		9.310000, 0.0757	
7.960000,	-0.0978,	8.640000,	-0.0234,	9.320000,	0.145,
7.970000, -0.0254		8.650000, 0.0091		9.330000, -0	
7.980000,	-0.0672,	8.660000,	0.0017,	9.340000,	0.085,
7.990000, -0.0422		8.670000, 0.0356		9.350000, 0.0399	
8.000000,	0.0224,	8.680000,	0.0314,	9.360000,	-0.0314,
8.010000, -0.0023		8.690000, 0.103		9.370000, -0.0204	
8.020000,	0.123,	8.700000,	0.0567,	9.380000,	-0.0674,
8.030000, -0.0205		8.710000, 0.0447		9.390000, -0.122	
8.040000,	0.0356,	8.720000,	0.0345,	9.400000,	-0.123,
8.050000, 0.018		8.730000, 0.0606		9.410000, -0.0797	
8.060000,	0.11,	8.740000,	-0.0567,	9.420000,	-0.0286,
8.070000, 0.136		8.750000, -0.0461		9.430000, -0.0491	
8.080000,	0.123,	8.760000,	0.0172,	9.440000,	-0.108,
8.090000, 0.0892		8.770000, 0.0905		9.450000, -0.118	
8.100000,	0.0747,	8.780000,	0.076,	9.460000,	-0.124,
8.110000, 0.0426		8.790000, 0.119		9.470000, -0.0591	
8.120000,	0.0468,	8.800000,	0.0897,	9.480000,	-0.14,
8.130000, 0.086		8.810000, 0.0337		9.490000, -0.0115	
8.140000,	0.146,	8.820000,	0.142,	9.500000,	-0.0646,
8.150000, 0.0823		8.830000, 0.0317		9.510000, -0.0473	
8.160000,	0.0546,	8.840000,	0.147,	9.520000,	0.0038,
8.170000, 0.115		8.850000, 0.132		9.530000, -0.12	
8.180000,	0.0948,	8.860000,	0.103,	9.540000,	-0.0598,
8.190000, 0.0346		8.870000, 0.149		9.550000, -0.111	
8.200000,	0.0774,	8.880000,	0.0608,	9.560000,	-0.047,
8.210000, 0.147		8.890000, 0.0463		9.570000, 0.0492	
8.220000,	0.0779,	8.900000,	0.0631,	9.580000,	-0.0239,
8.230000, 0.0813		8.910000, 0.126		9.590000, 0.0913	
8.240000,	0.0711,	8.920000,	-0.0178,	9.600000,	-0.0043,
8.250000, 0.0686		8.930000, 0.0491		9.610000, 0.0931	
8.260000,	0.0324,	8.940000,	0.0182,	9.620000,	0.0716,
8.270000, 0.0677		8.950000, -0.0647		9.630000, -0.0152	

9.640000,	-0.0169,	10.320000,	0.0229,	11.000000,	0.027,
9.650000, 0.0199		10.330000, 0.0083		11.010000, -0.0696	
9.660000,	0.0322,	10.340000,	0.0116,	11.020000,	0.0148,
9.670000, -0.0032		10.350000, 0.0744		11.030000, -0.0106	
9.680000,	-0.0227,	10.360000,	0.0138,	11.040000,	-0.029,
9.690000, -0.0741		10.370000, 0.0595		11.050000, 0.0188	
9.700000,	-0.0385,	10.380000,	-0.0401,	11.060000,	-0.0128,
9.710000, 0.0147		10.390000, 0.115		11.070000, 0.0084	
9.720000,	0.0243,	10.400000,	0.0256,	11.080000,	0.0168,
9.730000, -0.0219		10.410000, -0.0569		11.090000, 0.0302	
9.740000,	0.062,	10.420000,	-0.082,	11.100000,	0.13,
9.750000, 0.0934		10.430000, -0.0849		11.110000, -0.0337	
9.760000,	0.0835,	10.440000,	0.0087,	11.120000,	0.003,
9.770000, 0.122		10.450000, -0.0902		11.130000, 0.0767	
9.780000,	0.0317,	10.460000,	0.0362,	11.140000,	0.0706,
9.790000, 0.0401		10.470000, -0.0837		11.150000, 0.0842	
9.800000,	-0.025,	10.480000,	-0.0404,	11.160000,	0.0676,
9.810000, 0.0621		10.490000, -0.007		11.170000, 0.115	
9.820000,	0.123,	10.500000,	-0.0081,	11.180000,	0.0341,
9.830000, 0.0055		10.510000, 0.0766		11.190000, 0.0417	
9.840000,	0.0603,	10.520000,	0.1,	11.200000,	-0.01,
9.850000, -0.0744		10.530000, 0.007		11.210000, -0.0018	
9.860000,	-0.0483,	10.540000,	0.0474,	11.220000,	0.0409,
9.870000, 0.0553		10.550000, -0.0342		11.230000, 0.108	
9.880000,	-0.0508,	10.560000,	-0.122,	11.240000,	0.0737,
9.890000, -0.0132		10.570000, -0.0959		11.250000, 0.0618	
9.900000,	-0.0615,	10.580000,	-0.0972,	11.260000,	0.0759,
9.910000, 0.0014		10.590000, -0.0213		11.270000, -0.0301	
9.920000,	-0.0218,	10.600000,	0.0329,	11.280000,	0.0784,
9.930000, 0.0043		10.610000, -0.107		11.290000, 0.0671	
9.940000,	0.0256,	10.620000,	-0.0546,	11.300000,	0.0528,
9.950000, 0.0416		10.630000, -0.139		11.310000, 0.0682	
9.960000,	0.0753,	10.640000,	-0.0165,	11.320000,	0.0603,
9.970000, 0.1		10.650000, -0.0379		11.330000, -0.0104	
9.980000,	0.0795,	10.660000,	0.0145,	11.340000,	-0.0553,
9.990000, 0.128		10.670000, 0.0474		11.350000, 0.0023	
10.000000,	0.109,	10.680000,	0.0989,	11.360000,	-0.0465,
10.010000, 0.0959		10.690000, 0.0827		11.370000, -0.0449	
10.020000,	0.0543,	10.700000,	0.0844,	11.380000,	-0.141,
10.030000, 0.0603		10.710000, 0.0923		11.390000, -0.115	
10.040000,	0.0042,	10.720000,	0.0747,	11.400000,	-0.0547,
10.050000, 0.0194		10.730000, 0.102		11.410000, -0.108	
10.060000,	0.0242,	10.740000,	-0.0107,	11.420000,	-0.142,
10.070000, 0.0215		10.750000, -0.0818		11.430000, -0.113	
10.080000,	-0.0123,	10.760000,	0.0255,	11.440000,	-0.0181,
10.090000, -0.0332		10.770000, -0.0777		11.450000, -0.0882	
10.100000,	-0.104,	10.780000,	0.0579,	11.460000,	-0.123,
10.110000, -0.087		10.790000, 0.0351		11.470000, 0.0031	
10.120000,	-0.0646,	10.800000,	-0.0368,	11.480000,	-0.0787,
10.130000, -0.111		10.810000, 0.0255		11.490000, -0.0526	
10.140000,	-0.0439,	10.820000,	-0.0515,	11.500000,	-0.101,
10.150000, -0.0799		10.830000, 0.0386		11.510000, -0.0893	
10.160000,	-0.0602,	10.840000,	0.036,	11.520000,	0.0318,
10.170000, -0.124		10.850000, 0.0673		11.530000, -0.0577	
10.180000,	-0.0861,	10.860000,	-0.0026,	11.540000,	-0.0368,
10.190000, -0.0724		10.870000, -0.0699		11.550000, 0.0502	
10.200000,	-0.116,	10.880000,	-0.0214,	11.560000,	-0.0468,
10.210000, 0.0244		10.890000, -0.0243		11.570000, 0.0242	
10.220000,	-0.12,	10.900000,	-0.0886,	11.580000,	-0.0549,
10.230000, 0.0091		10.910000, -0.0608		11.590000, -0.0039	
10.240000,	-0.0127,	10.920000,	0.0073,	11.600000,	0.0507,
10.250000, -0.0841		10.930000, -0.0094		11.610000, -0.049	
10.260000,	-0.035,	10.940000,	-0.057,	11.620000,	0.0584,
10.270000, -0.0871		10.950000, 0.0569		11.630000, 0.0829	
10.280000,	-0.0152,	10.960000,	-0.0091,	11.640000,	0.108,
10.290000, -0.105		10.970000, -0.0034		11.650000, 0.116	
10.300000,	-0.0303,	10.980000,	0.0005,	11.660000,	0.0863,
10.310000, -0.0461		10.990000, -0.141		11.670000, 0.0768	

11.680000,	0.0801,	12.360000,	0.001,	13.040000,	0.0003,
11.690000, 0.0458		12.370000, 0.0077		13.050000, 0.0387	
11.700000,	0.0049,	12.380000,	-0.0035,	13.060000,	-0.056,
11.710000, 0.0132		12.390000, -0.0383		13.070000, -0.0555	
11.720000,	-0.0212,	12.400000,	0.0222,	13.080000,	0.0772,
11.730000, 0.0147		12.410000, -0.0021		13.090000, 0.0549	
11.740000,	0.0795,	12.420000,	-0.0206,	13.100000,	0.0268,
11.750000, 0.103		12.430000, -0.0893		13.110000, 0.0611	
11.760000,	-0.0127,	12.440000,	-0.0659,	13.120000,	0.0732,
11.770000, 0.0148		12.450000, -0.0806		13.130000, 0.065	
11.780000,	-0.0511,	12.460000,	-0.0178,	13.140000,	0.0776,
11.790000, 0.123		12.470000, -0.129		13.150000, 0.0302	
11.800000,	0.0946,	12.480000,	-0.104,	13.160000,	0.106,
11.810000, 0.0383		12.490000, -0.132		13.170000, -0.0286	
11.820000,	0.0817,	12.500000,	-0.0672,	13.180000,	-0.025,
11.830000, 0.104		12.510000, -0.104		13.190000, -0.0331	
11.840000,	0.125,	12.520000,	-0.129,	13.200000,	-0.0865,
11.850000, 0.144		12.530000, 0.0028		13.210000, -0.0044	
11.860000,	0.115,	12.540000,	-0.0808,	13.220000,	-0.113,
11.870000, 0.143		12.550000, 0.0122		13.230000, -0.0863	
11.880000,	0.039,	12.560000,	-0.0252,	13.240000,	-0.0935,
11.890000, 0.104		12.570000, 0.0551		13.250000, -0.0732	
11.900000,	0.108,	12.580000,	0.0064,	13.260000,	-0.11,
11.910000, 0.0286		12.590000, 0.0482		13.270000, -0.0685	
11.920000,	0.0239,	12.600000,	0.108,	13.280000,	-0.0918,
11.930000, 0.0264		12.610000, 0.131		13.290000, -0.135	
11.940000,	0.0331,	12.620000,	0.0736,	13.300000,	-0.0563,
11.950000, 0.0372		12.630000, 0.0246		13.310000, -0.0101	
11.960000,	-0.0114,	12.640000,	0.038,	13.320000,	-0.049,
11.970000, -0.0107		12.650000, -0.0348		13.330000, 0.0086	
11.980000,	0.0729,	12.660000,	-0.0322,	13.340000,	-0.101,
11.990000, 0.0382		12.670000, -0.0273		13.350000, -0.0049	
12.000000,	0.103,	12.680000,	0.0284,	13.360000,	0.0109,
12.010000, 0.0076		12.690000, 0.0526		13.370000, -0.0003	
12.020000,	-0.0517,	12.700000,	0.0955,	13.380000,	0.0294,
12.030000, -0.0274		12.710000, 0.0225		13.390000, -0.0003	
12.040000,	-0.0401,	12.720000,	-0.0125,	13.400000,	0.0527,
12.050000, -0.0933		12.730000, 0.032		13.410000, 0.0291	
12.060000,	0.0115,	12.740000,	-0.0034,	13.420000,	-0.0276,
12.070000, -0.0684		12.750000, -0.0183		13.430000, 0.0548	
12.080000,	-0.116,	12.760000,	0.0067,	13.440000,	0.1,
12.090000, 0.0118		12.770000, 0.077		13.450000, 0.0625	
12.100000,	-0.108,	12.780000,	0.077,	13.460000,	0.0912,
12.110000, -0.0845		12.790000, 0.0986		13.470000, 0.0023	
12.120000,	-0.139,	12.800000,	0.0983,	13.480000,	-0.0277,
12.130000, -0.0434		12.810000, -0.0101		13.490000, -0.0057	
12.140000,	0.0577,	12.820000,	0.0064,	13.500000,	-0.128,
12.150000, -0.017		12.830000, -0.027		13.510000, -0.0285	
12.160000,	0.0267,	12.840000,	0.0181,	13.520000,	-0.0975,
12.170000, -0.0454		12.850000, -0.0278		13.530000, -0.0653	
12.180000,	-0.0517,	12.860000,	-0.0718,	13.540000,	-0.0125,
12.190000, -0.0734		12.870000, -0.0224		13.550000, -0.0298	
12.200000,	-0.0155,	12.880000,	0.0146,	13.560000,	-0.0669,
12.210000, -0.0572		12.890000, 0.0319		13.570000, -0.111	
12.220000,	-0.138,	12.900000,	-0.0323,	13.580000,	-0.109,
12.230000, -0.0809		12.910000, -0.0314		13.590000, -0.0398	
12.240000,	-0.0681,	12.920000,	0.011,	13.600000,	0.0099,
12.250000, -0.0421		12.930000, 0.0129		13.610000, -0.0476	
12.260000,	-0.103,	12.940000,	0.013,	13.620000,	-0.0318,
12.270000, -0.0972		12.950000, 0.0246		13.630000, -0.0484	
12.280000,	-0.0255,	12.960000,	0.0136,	13.640000,	0.0039,
12.290000, -0.0515		12.970000, -0.0406		13.650000, 0.0129	
12.300000,	0.0439,	12.980000,	0.0172,	13.660000,	-0.0969,
12.310000, -0.0162		12.990000, -0.0787		13.670000, -0	
12.320000,	0.0106,	13.000000,	-0.0546,	13.680000,	-0.1,
12.330000, 0.0587		13.010000, -0.0675		13.690000, -0.0956	
12.340000,	-0.0243,	13.020000,	0.0223,	13.700000,	-0.0445,
12.350000, -0.0015		13.030000, 0.0701		13.710000, -0.0764	

13.720000,	-0.0284,	14.400000,	0.0273,	15.080000,	-0.0303,
13.730000, -0.0081		14.410000, 0.0469		15.090000, -0.0183	
13.740000,	-0.0221,	14.420000,	0.0846,	15.100000,	-0.0109,
13.750000, -0.018		14.430000, -0.0621		15.110000, -0.0128	
13.760000,	-0.0666,	14.440000,	-0.0061,	15.120000,	-0.0388,
13.770000, -0.0593		14.450000, -0.0327		15.130000, 0.0746	
13.780000,	-0.0957,	14.460000,	-0.0642,	15.140000,	0.0509,
13.790000, -0.123		14.470000, -0.0238		15.150000, 0.0542	
13.800000,	-0.125,	14.480000,	0.0386,	15.160000,	0.008,
13.810000, -0.138		14.490000, 0.0304		15.170000, -0.0249	
13.820000,	-0.137,	14.500000,	0.139,	15.180000,	-0.0287,
13.830000, -0.0659		14.510000, 0.0227		15.190000, -0.0284	
13.840000,	-0.02,	14.520000,	0.0297,	15.200000,	0.0572,
13.850000, 0.0279		14.530000, -0.0043		15.210000, 0.0482	
13.860000,	0.0609,	14.540000,	-0.0612,	15.220000,	0.113,
13.870000, 0.0386		14.550000, -0.0293		15.230000, 0.0601	
13.880000,	0.0043,	14.560000,	-0.0642,	15.240000,	0.106,
13.890000, -0.065		14.570000, -0.0135		15.250000, 0.0615	
13.900000,	-0.0962,	14.580000,	0.0108,	15.260000,	0.0289,
13.910000, -0.026		14.590000, -0.0138		15.270000, 0.0296	
13.920000,	-0.0462,	14.600000,	0.0912,	15.280000,	-0.0456,
13.930000, -0.0531		14.610000, -0.0102		15.290000, -0.0286	
13.940000,	-0.037,	14.620000,	0.0031,	15.300000,	-0.0741,
13.950000, -0.0015		14.630000, 0.0188		15.310000, 0.0072	
13.960000,	-0.0584,	14.640000,	0.0213,	15.320000,	0.0259,
13.970000, -0.0753		14.650000, 0.0281		15.330000, -0.0338	
13.980000,	0.0109,	14.660000,	-0.0436,	15.340000,	-0.0464,
13.990000, 0.071		14.670000, 0.0157		15.350000, -0.0093	
14.000000,	0.05,	14.680000,	-0.0102,	15.360000,	-0.0646,
14.010000, 0.0094		14.690000, 0.0001		15.370000, -0.0838	
14.020000,	0.0402,	14.700000,	0.0152,	15.380000,	-0.105,
14.030000, 0.0725		14.710000, -0.0595		15.390000, -0.0581	
14.040000,	0.0108,	14.720000,	0.0186,	15.400000,	-0.0101,
14.050000, -0.0187		14.730000, -0.0573		15.410000, -0.0755	
14.060000,	0.0305,	14.740000,	0.023,	15.420000,	-0.0487,
14.070000, 0.075		14.750000, 0.0282		15.430000, -0.0864	
14.080000,	0.0536,	14.760000,	0.0231,	15.440000,	-0.0595,
14.090000, 0.0079		14.770000, 0.0699		15.450000, 0.0644	
14.100000,	0.0723,	14.780000,	0.0348,	15.460000,	-0.0148,
14.110000, 0.128		14.790000, 0.106		15.470000, 0.0821	
14.120000,	0.0678,	14.800000,	0.0132,	15.480000,	0.0393,
14.130000, 0.0275		14.810000, 0.0942		15.490000, -0.0486	
14.140000,	0.0717,	14.820000,	0.0131,	15.500000,	-0.0235,
14.150000, 0.0668		14.830000, 0.0655		15.510000, -0.0027	
14.160000,	0.0745,	14.840000,	0.0625,	15.520000,	0.063,
14.170000, 0.114		14.850000, 0.073		15.530000, -0.041	
14.180000,	0.113,	14.860000,	0.0313,	15.540000,	-0.0548,
14.190000, 0.137		14.870000, -0.0556		15.550000, -0.0371	
14.200000,	0.0404,	14.880000,	0.0405,	15.560000,	-0.116,
14.210000, 0.0745		14.890000, -0.0499		15.570000, -0.129	
14.220000,	0.0934,	14.900000,	0.0304,	15.580000,	-0.145,
14.230000, 0.0887		14.910000, -0.106		15.590000, -0.107	
14.240000,	0.0452,	14.920000,	-0.0377,	15.600000,	-0.074,
14.250000, 0.0716		14.930000, -0.0781		15.610000, -0.0521	
14.260000,	0.0696,	14.940000,	-0.056,	15.620000,	-0.0485,
14.270000, 0.0836		14.950000, 0.0551		15.630000, -0.0821	
14.280000,	0.0439,	14.960000,	0,	15.640000,	-0.0481,
14.290000, 0.0102		14.970000, 0.0662		15.650000, -0.0471	
14.300000,	0.0477,	14.980000,	0.0298,	15.660000,	-0.0573,
14.310000, -0.0897		14.990000, 0.0558		15.670000, -0.0146	
14.320000,	0.0162,	15.000000,	-0.0161,	15.680000,	-0.0092,
14.330000, 0.0063		15.010000, 0.0083		15.690000, 0.0798	
14.340000,	0.0008,	15.020000,	0.0016,	15.700000,	0.0535,
14.350000, 0.0182		15.030000, -0.0534		15.710000, 0.105	
14.360000,	-0.0399,	15.040000,	0.0936,	15.720000,	0.0335,
14.370000, 0.0128		15.050000, 0.0641		15.730000, -0.0249	
14.380000,	0.0054,	15.060000,	0.0999,	15.740000,	0.0319,
14.390000, 0.0221		15.070000, 0.0023		15.750000, 0.0169	

15.760000,	0.0838,	16.440000,	0.0022,	17.120000,	-0.0311,
15.770000, 0.0932		16.450000, -0.0104		17.130000, -0.0184	
15.780000,	0.0574,	16.460000,	-0.0671,	17.140000,	0.014,
15.790000, 0.0915		16.470000, 0.0115		17.150000, -0.0029	
15.800000,	0.0514,	16.480000,	0.0492,	17.160000,	-0.0144,
15.810000, 0.0966		16.490000, 0.0342		17.170000, -0.0134	
15.820000,	0.0659,	16.500000,	0.0327,	17.180000,	0.0117,
15.830000, 0.0823		16.510000, 0.0072		17.190000, 0.0181	
15.840000,	0.055,	16.520000,	-0.0079,	17.200000,	-0.0317,
15.850000, 0.07		16.530000, 0.0002		17.210000, 0.0218	
15.860000,	0.129,	16.540000,	-0.0903,	17.220000,	0.0504,
15.870000, 0.094		16.550000, -0.0189		17.230000, -0.0064	
15.880000,	0.0885,	16.560000,	-0.0129,	17.240000,	0.045,
15.890000, 0.0877		16.570000, -0.0007		17.250000, -0.048	
15.900000,	0.0772,	16.580000,	0.0163,	17.260000,	-0.001,
15.910000, 0.0495		16.590000, -0.0367		17.270000, 0.014	
15.920000,	0.0426,	16.600000,	0.0036,	17.280000,	-0.017,
15.930000, 0.0663		16.610000, -0.0584		17.290000, 0.009	
15.940000,	0.094,	16.620000,	0.0205,	17.300000,	-0.0083,
15.950000, 0.038		16.630000, 0.0534		17.310000, 0.0177	
15.960000,	0.0137,	16.640000,	0.0247,	17.320000,	-0.0184,
15.970000, 0.0525		16.650000, 0.093		17.330000, -0.013	
15.980000,	0.0723,	16.660000,	0.0403,	17.340000,	-0.0039,
15.990000, 0.0351		16.670000, 0.0319		17.350000, 0.0019	
16.000000,	0.0418,	16.680000,	-0.0083,	17.360000,	-0.0172,
16.010000, 0.0412		16.690000, -0.0312		17.370000, 0.0049	
16.020000,	0.048,	16.700000,	-0.0311,	17.380000,	-0.0344,
16.030000, 0.044		16.710000, -0.0716		17.390000, -0.037	
16.040000,	0.0271,	16.720000,	-0.0375,	17.400000,	-0.0373,
16.050000, 0.0269		16.730000, -0.0022		17.410000, -0.0952	
16.060000,	0.0058,	16.740000,	-0.0093,	17.420000,	-0.0692,
16.070000, 0.0181		16.750000, -0.0291		17.430000, -0.0441	
16.080000,	0.0625,	16.760000,	-0.0452,	17.440000,	-0.0501,
16.090000, 0.0412		16.770000, -0.0554		17.450000, -0.0315	
16.100000,	0.0648,	16.780000,	-0.0129,	17.460000,	-0.0167,
16.110000, -0.0375		16.790000, -0.0555		17.470000, -0.066	
16.120000,	-0.0323,	16.800000,	-0.0177,	17.480000,	-0.013,
16.130000, 0.0314		16.810000, 0.0169		17.490000, -0.0157	
16.140000,	-0.0562,	16.820000,	0.0398,	17.500000,	-0.037,
16.150000, -0.0211		16.830000, 0.0758		17.510000, 0.0489	
16.160000,	-0.0279,	16.840000,	0.0559,	17.520000,	0.019,
16.170000, 0.0103		16.850000, 0.0661		17.530000, 0.0646	
16.180000,	0.0096,	16.860000,	0.0525,	17.540000,	0.0654,
16.190000, -0.0645		16.870000, 0.082		17.550000, 0.0548	
16.200000,	-0.0725,	16.880000,	0.143,	17.560000,	0.0579,
16.210000, -0.0588		16.890000, 0.135		17.570000, 0.0283	
16.220000,	-0.0584,	16.900000,	0.079,	17.580000,	0.0364,
16.230000, 0.0077		16.910000, 0.0757		17.590000, 0.054	
16.240000,	-0.0133,	16.920000,	0.0726,	17.600000,	0.029,
16.250000, -0.0172		16.930000, 0.0735		17.610000, 0.0077	
16.260000,	0.037,	16.940000,	0.0802,	17.620000,	0.0239,
16.270000, -0.0448		16.950000, 0.0786		17.630000, 0.0431	
16.280000,	0.0246,	16.960000,	0.0464,	17.640000,	0.0129,
16.290000, -0.0594		16.970000, 0.0756		17.650000, -0.0104	
16.300000,	-0.0478,	16.980000,	0.0288,	17.660000,	-0.0598,
16.310000, -0.0306		16.990000, 0.0249		17.670000, -0.05	
16.320000,	0.0175,	17.000000,	-0.0208,	17.680000,	-0.0633,
16.330000, 0.0274		17.010000, -0.0627		17.690000, -0.0596	
16.340000,	0.0211,	17.020000,	-0.0689,	17.700000,	-0.0275,
16.350000, 0.0014		17.030000, -0.0738		17.710000, -0.0558	
16.360000,	-0.0592,	17.040000,	-0.0749,	17.720000,	-0.0707,
16.370000, -0.0213		17.050000, -0.0954		17.730000, -0.0649	
16.380000,	-0.0334,	17.060000,	-0.0022,	17.740000,	-0.0793,
16.390000, -0.0339		17.070000, -0.035		17.750000, -0.0817	
16.400000,	-0.0215,	17.080000,	0.0062,	17.760000,	-0.0843,
16.410000, -0.0518		17.090000, -0.0145		17.770000, -0.0474	
16.420000,	0.0141,	17.100000,	-0.0325,	17.780000,	-0.0422,
16.430000, -0.0307		17.110000, -0.0195		17.790000, -0.0401	

17.800000,	-0.0249,	18.480000,	-0.044,	19.160000,	0.0298,
17.810000, 0.0093		18.490000, -0.086		19.170000, -0.0073	
17.820000,	-0.0201,	18.500000,	-0.075,	19.180000,	0.0242,
17.830000, -0.0252		18.510000, -0.11		19.190000, 0.0249	
17.840000,	-0.0461,	18.520000,	-0.0548,	19.200000,	0.063,
17.850000, -0.0571		18.530000, -0.0273		19.210000, 0.0543	
17.860000,	-0.0679,	18.540000,	0.0171,	19.220000,	0.0251,
17.870000, -0.0947		18.550000, 0.0086		19.230000, 0.0675	
17.880000,	-0.0815,	18.560000,	0.0359,	19.240000,	0.0415,
17.890000, -0.105		18.570000, 0.0543		19.250000, 0.0719	
17.900000,	-0.0584,	18.580000,	0.0356,	19.260000,	0.0525,
17.910000, -0.0559		18.590000, 0.0186		19.270000, 0.0522	
17.920000,	-0.0602,	18.600000,	-0.0005,	19.280000,	0.0532,
17.930000, -0.0337		18.610000, 0.0153		19.290000, 0.0674	
17.940000,	-0.0364,	18.620000,	0.0014,	19.300000,	0.0477,
17.950000, -0.0159		18.630000, 0.0043		19.310000, 0.0291	
17.960000,	-0.0022,	18.640000,	-0.0102,	19.320000,	0.0337,
17.970000, -0.0036		18.650000, 0.0065		19.330000, 0.021	
17.980000,	-0.0202,	18.660000,	-0.0113,	19.340000,	0.0028,
17.990000, 0.0025		18.670000, -0.025		19.350000, -0.0123	
18.000000,	-0.0031,	18.680000,	-0.044,	19.360000,	0.0327,
18.010000, -0.0253		18.690000, -0.0434		19.370000, 0.0024	
18.020000,	-0.0323,	18.700000,	-0.048,	19.380000,	-0.001,
18.030000, -0.0549		18.710000, -0.036		19.390000, -0.0167	
18.040000,	-0.0807,	18.720000,	0.0457,	19.400000,	-0.0095,
18.050000, -0.057		18.730000, 0.0346		19.410000, 0.02	
18.060000,	-0.0379,	18.740000,	0.0151,	19.420000,	-0.0361,
18.070000, -0.021		18.750000, 0.0395		19.430000, 0.0211	
18.080000,	0.0028,	18.760000,	0.0151,	19.440000,	-0.017,
18.090000, -0.0118		18.770000, -0.0012		19.450000, -0.0084	
18.100000,	-0.0184,	18.780000,	0.0175,	19.460000,	-0.0285,
18.110000, 0.0193		18.790000, 0.0033		19.470000, -0.0349	
18.120000,	-0.0279,	18.800000,	0.0119,	19.480000,	0.0297,
18.130000, -0.0091		18.810000, 0.0172		19.490000, -0.0421	
18.140000,	-0.0147,	18.820000,	0.0104,	19.500000,	-0.0085,
18.150000, -0.0008		18.830000, 0.0057		19.510000, -0.0229	
18.160000,	-0.0027,	18.840000,	-0.0018,	19.520000,	-0.0395,
18.170000, -0.0324		18.850000, 0.0394		19.530000, -0.0312	
18.180000,	-0.0478,	18.860000,	0.0478,	19.540000,	-0.0383,
18.190000, 0.0053		18.870000, 0.0209		19.550000, 0.0196	
18.200000,	0.0028,	18.880000,	0.0655,	19.560000,	0.0027,
18.210000, -0.0179		18.890000, 0.0444		19.570000, 0.0017	
18.220000,	-0.0306,	18.900000,	0.0727,	19.580000,	-0.0066,
18.230000, -0.0142		18.910000, 0.0818		19.590000, 0.0142	
18.240000,	0.028,	18.920000,	0.0988,	19.600000,	0.0023,
18.250000, -0.003		18.930000, 0.0875		19.610000, 0.0066	
18.260000,	0.0395,	18.940000,	0.0731,	19.620000,	-0.0141,
18.270000, 0.0649		18.950000, 0.0566		19.630000, 0.0175	
18.280000,	0.0524,	18.960000,	0.0492,	19.640000,	-0.0152,
18.290000, 0.0835		18.970000, 0.0595		19.650000, -0.0341	
18.300000,	0.0579,	18.980000,	0.0517,	19.660000,	0.0353,
18.310000, 0.0466		18.990000, 0.0592		19.670000, 0.0061	
18.320000,	0.0512,	19.000000,	0.0306,	19.680000,	0.0118,
18.330000, -0.0218		19.010000, 0.0507		19.690000, -0.0367	
18.340000,	0.0342,	19.020000,	0.042,	19.700000,	-0.0559,
18.350000, -0.0276		19.030000, 0.0248		19.710000, -0.0296	
18.360000,	-0.001,	19.040000,	0.0477,	19.720000,	-0.0896,
18.370000, 0.0032		19.050000, 0.0393		19.730000, -0.0403	
18.380000,	-0.0436,	19.060000,	0.0224,	19.740000,	-0.0765,
18.390000, -0.0098		19.070000, 0.0004		19.750000, -0.0394	
18.400000,	-0.0504,	19.080000,	-0.0018,	19.760000,	-0.0439,
18.410000, -0.0597		19.090000, -0.0002		19.770000, -0.0657	
18.420000,	-0.0758,	19.100000,	0.0269,	19.780000,	-0.0283,
18.430000, -0.0642		19.110000, 0.0098		19.790000, -0.0517	
18.440000,	-0.0365,	19.120000,	0.0005,	19.800000,	-0.035,
18.450000, -0.0874		19.130000, -0.0023		19.810000, -0.0197	
18.460000,	-0.0602,	19.140000,	-0.0145,	19.820000,	-0.0184,
18.470000, -0.074		19.150000, -0.0005		19.830000, -0.0136	

19.840000,	-0.0106,	20.520000,	0.0417,	21.200000,	-0.0048,
19.850000, -0.0135		20.530000, 0.0322		21.210000, 0.003	
19.860000,	0.0055,	20.540000,	-0.012,	21.220000,	-0.0195,
19.870000, 0.0115		20.550000, 0.025		21.230000, -0.0114	
19.880000,	0.0271,	20.560000,	-0.0018,	21.240000,	-0.0075,
19.890000, 0.0288		20.570000, 0.006		21.250000, -0.0137	
19.900000,	0.0246,	20.580000,	0.0096,	21.260000,	-0.012,
19.910000, 0.0226		20.590000, -0.0197		21.270000, -0.0248	
19.920000,	0.0253,	20.600000,	0.0091,	21.280000,	0.0028,
19.930000, 0.0361		20.610000, 0.0046		21.290000, -0.0009	
19.940000,	0.025,	20.620000,	0.0035,	21.300000,	-0.0151,
19.950000, 0.0049		20.630000, 0.0023		21.310000, -0.0053	
19.960000,	-0.0086,	20.640000,	-0.0062,	21.320000,	-0.0118,
19.970000, 0.0092		20.650000, 0.0153		21.330000, -0.0197	
19.980000,	0.0132,	20.660000,	0.0125,	21.340000,	-0.0147,
19.990000, -0.0061		20.670000, -0.0055		21.350000, -0.0224	
20.000000,	-0.0008,	20.680000,	0.0144,	21.360000,	0.0062,
20.010000, -0.0052		20.690000, 0.0106		21.370000, -0.0039	
20.020000,	-0.0161,	20.700000,	0.018,	21.380000,	-0.0058,
20.030000, -0.0018		20.710000, 0.0132		21.390000, 0.0001	
20.040000,	-0.0406,	20.720000,	0.0162,	21.400000,	-0.0277,
20.050000, -0.0117		20.730000, 0.0178		21.410000, -0.0204	
20.060000,	-0.006,	20.740000,	0.0242,	21.420000,	-0.0381,
20.070000, -0.0042		20.750000, 0.0098		21.430000, -0.0211	
20.080000,	0.0189,	20.760000,	-0.0047,	21.440000,	-0.003,
20.090000, -0.0004		20.770000, -0.0007		21.450000, -0.0072	
20.100000,	-0.0048,	20.780000,	-0.0342,	21.460000,	-0.0046,
20.110000, 0.0047		20.790000, -0.0327		21.470000, 0.0026	
20.120000,	0.0214,	20.800000,	-0.0398,	21.480000,	-0.0026,
20.130000, 0.037		20.810000, -0.02		21.490000, -0.0014	
20.140000,	0.0323,	20.820000,	-0.022,	21.500000,	0.0011,
20.150000, 0.0046		20.830000, -0.047		21.510000, 0.0045	
20.160000,	0.0286,	20.840000,	-0.0167,	21.520000,	0.0138,
20.170000, 0.0069		20.850000, -0.0175		21.530000, 0.0106	
20.180000,	0.0229,	20.860000,	0.0096,	21.540000,	0.0141,
20.190000, 0.0109		20.870000, 0.0013		21.550000, 0.0229	
20.200000,	-0.0021,	20.880000,	0.0092,	21.560000,	0.0315,
20.210000, -0.0114		20.890000, 0.0074		21.570000, 0.0143	
20.220000,	0.006,	20.900000,	0.0108,	21.580000,	0.0056,
20.230000, -0.0191		20.910000, 0.0066		21.590000, -0.0057	
20.240000,	-0.0095,	20.920000,	0.0117,	21.600000,	-0.0082,
20.250000, -0.0022		20.930000, 0.0076		21.610000, 0.0072	
20.260000,	-0.0169,	20.940000,	0.0043,	21.620000,	-0.0273,
20.270000, -0.0129		20.950000, 0.0062		21.630000, 0.0096	
20.280000,	-0.0441,	20.960000,	-0.0065,	21.640000,	0.0031,
20.290000, -0.0405		20.970000, 0.0022		21.650000, 0.0055	
20.300000,	-0.0288,	20.980000,	-0.0023,	21.660000,	0.0067,
20.310000, -0.0452		20.990000, 0.0049		21.670000, -0.017	
20.320000,	-0.0506,	21.000000,	0.0148,	21.680000,	0.0171,
20.330000, -0.0641		21.010000, 0.017		21.690000, -0.0104	
20.340000,	-0.0649,	21.020000,	0.0246,	21.700000,	0.0039,
20.350000, -0.0456		21.030000, 0.0206		21.710000, 0.0094	
20.360000,	-0.0285,	21.040000,	0.039,	21.720000,	-0.0216,
20.370000, -0.0217		21.050000, 0.0144		21.730000, -0.0007	
20.380000,	0.0077,	21.060000,	0.0367,	21.740000,	-0.0124,
20.390000, -0.0218		21.070000, -0.0059		21.750000, 0.007	
20.400000,	0.0261,	21.080000,	0.007,	21.760000,	0.0189,
20.410000, 0.0252		21.090000, 0.0069		21.770000, 0.0133	
20.420000,	0.0001,	21.100000,	-0.0116,	21.780000,	0.0287,
20.430000, 0.0234		21.110000, 0.0142		21.790000, 0.0342	
20.440000,	-0.0062,	21.120000,	0.0107,	21.800000,	0.0293,
20.450000, 0.0229		21.130000, -0.0036		21.810000, 0.0316	
20.460000,	0.0009,	21.140000,	-0.0143,	21.820000,	0.0249,
20.470000, -0.0109		21.150000, -0.003		21.830000, 0.0317	
20.480000,	-0.0031,	21.160000,	-0.0019,	21.840000,	0.0309,
20.490000, -0.0092		21.170000, -0.0254		21.850000, 0.0196	
20.500000,	0.0245,	21.180000,	-0.0131,	21.860000,	0.0343,
20.510000, 0.0071		21.190000, -0.0134		21.870000, 0.0286	

21.880000,	0.0249,	22.560000,	0.0075,	23.240000,	0.0069,
21.890000, 0.0138		22.570000, 0.0034		23.250000, 0.0057	
21.900000,	0.0225,	22.580000,	-0.0057,	23.260000,	0.0032,
21.910000, 0.0143		22.590000, -0.0035		23.270000, 0.0013	
21.920000,	-0.0093,	22.600000,	-0.0067,	23.280000,	-0.007,
21.930000, -0.0162		22.610000, -0.0014		23.290000, 0.001	
21.940000,	-0.012,	22.620000,	-0.009,	23.300000,	-0,
21.950000, -0.0109		22.630000, -0.0204		23.310000, 0.0009	
21.960000,	-0.0138,	22.640000,	-0.0145,	23.320000,	0.0081,
21.970000, -0.0047		22.650000, -0.0268		23.330000, -0.0008	
21.980000,	-0.0026,	22.660000,	-0.0249,	23.340000,	0.0059,
21.990000, 0.0164		22.670000, -0.0265		23.350000, 0.0027	
22.000000,	0.0082,	22.680000,	-0.0325,	23.360000,	0.0052,
22.010000, 0.003		22.690000, -0.0285		23.370000, 0.0077	
22.020000,	0.0108,	22.700000,	-0.0262,	23.380000,	0.0024,
22.030000, 0.01		22.710000, -0.0238		23.390000, 0.0067	
22.040000,	-0.0043,	22.720000,	-0.02,	23.400000,	0.0059,
22.050000, 0.0009		22.730000, -0.0193		23.410000, 0.0038	
22.060000,	-0.0035,	22.740000,	-0.0012,	23.420000,	0.0052,
22.070000, 0.007		22.750000, -0.0022		23.430000, 0.0037	
22.080000,	-0.0026,	22.760000,	-0.0052,	23.440000,	0.005,
22.090000, -0.0004		22.770000, -0.0041		23.450000, 0.0073	
22.100000,	0.0008,	22.780000,	-0.006,	23.460000,	0.0002,
22.110000, -0.0033		22.790000, -0.0023		23.470000, 0.0073	
22.120000,	0.0032,	22.800000,	0.0032,	23.480000,	0.0046,
22.130000, -0.0103		22.810000, 0.0009		23.490000, 0.0012	
22.140000,	0.0007,	22.820000,	0.0011,	23.500000,	0.0069,
22.150000, 0.0137		22.830000, -0.0007		23.510000, 0.0056	
22.160000,	0.0064,	22.840000,	-0.0073,	23.520000,	0.004,
22.170000, 0.0069		22.850000, -0.0058		23.530000, 0.0015	
22.180000,	0.0147,	22.860000,	-0.0111,	23.540000,	0.0007,
22.190000, 0.0251		22.870000, -0.0074		23.550000, 0.0028	
22.200000,	0.0188,	22.880000,	-0.0003,	23.560000,	0.0017,
22.210000, 0.0216		22.890000, 0.0043		23.570000, -0.0012	
22.220000,	0.014,	22.900000,	0.0064,	23.580000,	-0.0025,
22.230000, 0.0067		22.910000, 0.0022		23.590000, -0.0005	
22.240000,	-0.004,	22.920000,	0.0052,	23.600000,	-0.0025,
22.250000, -0.0023		22.930000, 0.0089		23.610000, -0.0014	
22.260000,	0.0012,	22.940000,	0.0102,	23.620000,	-0.0033,
22.270000, -0.0017		22.950000, 0.0071		23.630000, -0.0001	
22.280000,	-0.0117,	22.960000,	0.0126,	23.640000,	-0.0024,
22.290000, -0.0071		22.970000, 0.0099		23.650000, -0.0018	
22.300000,	0.0026,	22.980000,	0.0137,	23.660000,	-0.0006,
22.310000, 0.0018		22.990000, 0.0119		23.670000, -0.0002	
22.320000,	0.0083,	23.000000,	0.0071,	23.680000,	0.0017,
22.330000, -0.0046		23.010000, 0.0075		23.690000, 0.0015	
22.340000,	0.0162,	23.020000,	0.008,	23.700000,	0.0012,
22.350000, 0.0001		23.030000, 0.003		23.710000, 0.0004	
22.360000,	0.013,	23.040000,	0.014,	23.720000,	-0.0023,
22.370000, 0.0137		23.050000, 0.0179		23.730000, -0.0008	
22.380000,	-0.0025,	23.060000,	0.0143,	23.740000,	-0.0018,
22.390000, 0.0074		23.070000, 0.0137		23.750000, -0.002	
22.400000,	0.0164,	23.080000,	0.0089,	23.760000,	0.0001,
22.410000, 0.0125		23.090000, 0.0093		23.770000, -0.0012	
22.420000,	0.0145,	23.100000,	0.0086,	23.780000,	0.001,
22.430000, 0.0008		23.110000, 0.006		23.790000, 0.0004	
22.440000,	0.0084,	23.120000,	0.0146,	23.800000,	0.0018,
22.450000, 0.0053		23.130000, 0.0128		23.810000, 0.0013	
22.460000,	0.0153,	23.140000,	0.0124,	23.820000,	0.0018,
22.470000, 0.0086		23.150000, 0.0138		23.830000, 0.0024	
22.480000,	0.0107,	23.160000,	0.0114,	23.840000,	0.002,
22.490000, 0.0075		23.170000, 0.0147		23.850000, 0.0032	
22.500000,	0.0143,	23.180000,	0.0045,	23.860000,	0.003,
22.510000, 0.0128		23.190000, 0.003		23.870000, 0.0042	
22.520000,	0.0156,	23.200000,	0.005,	23.880000,	0.0034,
22.530000, 0.0157		23.210000, 0.0019		23.890000, 0.0042	
22.540000,	0.0047,	23.220000,	0.0044,	23.900000,	0.0032,
22.550000, 0.0112		23.230000, 0.0066		23.910000, 0.0027	

23.920000,	0.0025,	49.220000,	0.0008,	50.580000,	-0.0078,
23.930000, 0.0023		49.240000, 0.0009		50.600000, -0.0061	
23.940000,	0.0023,	49.260000,	0.0014,	50.620000,	-0.0043,
23.950000, 0.0017		49.280000, 0.0019		50.640000, -0.0025	
23.960000,	0.002,	49.300000,	0.0024,	50.660000,	-0.0008,
23.970000, 0.0019		49.320000, 0.0021		50.680000, 0.0002	
23.980000,	0.002,	49.340000,	0.0016,	50.700000,	-0.0028,
23.990000, 0.0019		49.360000, 0.0011		50.720000, -0.0059	
24.000000,	0.0019,	49.380000,	0.0022,	50.740000,	-0.0089,
48.040000, 0.0082		49.400000, 0.0033		50.760000, -0.0107	
48.060000,	0.0085,	49.420000,	0.0044,	50.780000,	-0.0057,
48.080000, 0.0087		49.440000, 0.0043		50.800000, -0.0007	
48.100000,	0.0089,	49.460000,	0.0037,	50.820000,	0.0043,
48.120000, 0.0091		49.480000, 0.0031		50.840000, 0.0051	
48.140000,	0.0094,	49.500000,	0.0025,	50.860000,	-0.0041,
48.160000, 0.0096		49.520000, 0.0019		50.880000, -0.0133	
48.180000,	0.0098,	49.540000,	0.0013,	50.900000,	-0.0223,
48.200000, 0.0094		49.560000, 0.0011		50.920000, -0.023	
48.220000,	0.009,	49.580000,	0.001,	50.940000,	-0.0134,
48.240000, 0.0085		49.600000, 0.001		50.960000, -0.0078	
48.260000,	0.0081,	49.620000,	-0.0012,	50.980000,	-0.0084,
48.280000, 0.0082		49.640000, -0.0044		51.000000, -0.009	
48.300000,	0.0085,	49.660000,	-0.0076,	51.020000,	-0.0059,
48.320000, 0.0087		49.680000, -0.0083		51.040000, 0.0058	
48.340000,	0.009,	49.700000,	-0.0085,	51.060000,	0.0175,
48.360000, 0.0092		49.720000, -0.0087		51.080000, 0.0198	
48.380000,	0.0085,	49.740000,	-0.0088,	51.100000,	0.0044,
48.400000, 0.0076		49.760000, -0.009		51.120000, -0.011	
48.420000,	0.0067,	49.780000,	-0.0092,	51.140000,	-0.0144,
48.440000, 0.0061		49.800000, -0.0091		51.160000, -0.0079	
48.460000,	0.0061,	49.820000,	-0.0075,	51.180000,	-0.0014,
48.480000, 0.0061		49.840000, -0.0058		51.200000, 0.0051	
48.500000,	0.006,	49.860000,	-0.0041,	51.220000,	0.0116,
48.520000, 0.006		49.880000, -0.0034		51.240000, 0.0045	
48.540000,	0.006,	49.900000,	-0.0037,	51.260000,	-0.006,
48.560000, 0.006		49.920000, -0.004		51.280000, -0.0165	
48.580000,	0.0052,	49.940000,	-0.0043,	51.300000,	-0.0113,
48.600000, 0.0045		49.960000, -0.0046		51.320000, -0.0034	
48.620000,	0.0037,	49.980000,	-0.0037,	51.340000,	-0.0022,
48.640000, 0.0029		50.000000, -0.0019		51.360000, -0.0077	
48.660000,	0.0018,	50.020000,	-0.0001,	51.380000,	-0.0117,
48.680000, 0.0007		50.040000, 0.0018		51.400000, -0.0076	
48.700000,	-0.0004,	50.060000,	0.0034,	51.420000,	-0.0034,
48.720000, -0.0015		50.080000, 0.0021		51.440000, -0.0018	
48.740000,	-0.0026,	50.100000,	0.0007,	51.460000,	-0.0018,
48.760000, -0.002		50.120000, -0.0007		51.480000, -0.0005	
48.780000,	-0.0012,	50.140000,	-0.0014,	51.500000,	0.0024,
48.800000, -0.0003		50.160000, -0.001		51.520000, 0.0053	
48.820000,	0.0006,	50.180000,	-0.0007,	51.540000,	0.0062,
48.840000, 0.0005		50.200000, -0.0003		51.560000, 0.0023	
48.860000,	-0.0009,	50.220000,	0,	51.580000,	-0.0016,
48.880000, -0.0023		50.240000, 0.0004		51.600000, -0.0055	
48.900000,	-0.0024,	50.260000,	0.0007,	51.620000,	-0.0094,
48.920000, -0.002		50.280000, 0.0006		51.640000, -0.0096	
48.940000,	-0.0016,	50.300000,	0.0002,	51.660000,	0.001,
48.960000, -0.0013		50.320000, -0.0003		51.680000, 0.0117	
48.980000,	-0.0009,	50.340000,	-0.0007,	51.700000,	0.0115,
49.000000, -0.0008		50.360000, -0.0012		51.720000, 0.0067	
49.020000,	-0.0014,	50.380000,	-0.0016,	51.740000,	0.0019,
49.040000, -0.0021		50.400000, -0.0016		51.760000, -0.0029	
49.060000,	-0.0028,	50.420000,	-0.0016,	51.780000,	-0.0059,
49.080000, -0.0034		50.440000, -0.0016		51.800000, -0.0033	
49.100000,	-0.0022,	50.460000,	-0.0026,	51.820000,	-0.0007,
49.120000, -0.0009		50.480000, -0.0039		51.840000, 0.0005	
49.140000,	0.0004,	50.500000,	-0.0053,	51.860000,	-0.0007,
49.160000, 0.0016		50.520000, -0.0066		51.880000, -0.0018	
49.180000,	0.002,	50.540000,	-0.0079,	51.900000,	-0.0029,
49.200000, 0.0014		50.560000, -0.0093		51.920000, -0.0027	

51.940000,	-0.0013,	53.300000,	0.005,	0.450000,	-0.013	
51.960000,	0	53.320000,	0.0045	0.460000,	-0.0208,	
51.980000,	0.0015,	53.340000,	0.0054,	0.470000,	0.0211	
52.000000,	0.0044	53.360000,	0.0081	0.480000,	-0.0026,	
52.020000,	0.0073,	53.380000,	0.0108,	0.490000,	-0.0053	
52.040000,	0.0102	53.400000,	0.0135	0.500000,	-0.0138,	
52.060000,	0.0068,	53.420000,	0.0141,	0.510000,	-0.0126	
52.080000,	0.0033	53.440000,	0.0138	0.520000,	-0.043,	
52.100000,	-0.0001,	53.460000,	0.0124,	0.530000,	0.0031	
52.120000,	-0.0035	53.480000,	0.0098	0.540000,	-0.0311,	
52.140000,	-0.0061,	53.500000,	0.0071,	0.550000,	0.0299	
52.160000,	-0.0012	53.520000,	0.0045	0.560000,	-0.0219,	
52.180000,	0.0038,	53.540000,	0.0022,	0.570000,	0.0011	
52.200000,	0.0087	53.560000,	0.0031	0.580000,	-0.0164,	
52.220000,	0.0097,	53.580000,	0.004,	0.590000,	0.0363	
52.240000,	0.0033	53.600000,	0.0049	0.600000,	0.0213,	
52.260000,	-0.0032,	53.620000,	0.0057,	0.610000,	0.0022	
52.280000,	-0.0062	53.640000,	0.0066	0.620000,	0.0422,	
52.300000,	-0.0042,	53.660000,	0.0075,	0.630000,	0.0061	
52.320000,	-0.0023	53.680000,	0.0074	0.640000,	0.0051,	
52.340000,	-0.0009,	53.700000,	0.0054,	0.650000,	0.0166	
52.360000,	-0.0053	53.720000,	0.0033	0.660000,	0.0108,	
52.380000,	-0.009,	FUNC=ES23, 1, 1, 0, 1, 9.806,		0.670000,	0.0319	
52.400000,	-0.0087	0.000000,	-0.0036,	0.680000,	0.0617,	
52.420000,	-0.0084,	0.010000,	-0.0043	0.690000,	0.0573	
52.440000,	-0.0081	0.020000,	-0.0031,	0.700000,	-0.0091,	
52.460000,	-0.0079,	0.030000,	-0.0014	0.710000,	0.036	
52.480000,	-0.0069	0.040000,	-0.0022,	0.720000,	-0.0043,	
52.500000,	-0.0049,	0.050000,	0.0046	0.730000,	-0.027	
52.520000,	-0.003	0.060000,	0.0055,	0.740000,	-0.0217,	
52.540000,	-0.0011,	0.070000,	-0.0015	0.750000,	0.0158	
52.560000,	0.0021	0.080000,	0.0006,	0.760000,	-0.0338,	
52.580000,	0.0054,	0.090000,	0.0015	0.770000,	-0.0924	
52.600000,	0.007	0.100000,	0.0115,	0.780000,	0.0108,	
52.620000,	0.0054,	0.110000,	0.0082	0.790000,	-0.0479	
52.640000,	0.0044	0.120000,	0.0046,	0.800000,	-0.0132,	
52.660000,	0.0047,	0.130000,	-0.0005	0.810000,	-0.0089	
52.680000,	0.0051	0.140000,	0.0072,	0.820000,	-0.018,	
52.700000,	0.0037,	0.150000,	-0.0097	0.830000,	0.0012	
52.720000,	0	0.160000,	-0.0056,	0.840000,	0.0142,	
52.740000,	-0.0036,	0.170000,	-0.0036	0.850000,	0.0597	
52.760000,	-0.0073	0.180000,	0.0066,	0.860000,	0.0953,	
52.780000,	-0.0109,	0.190000,	0.0065	0.870000,	0.0688	
52.800000,	-0.0102	0.200000,	0.0126,	0.880000,	0.0862,	
52.820000,	-0.009,	0.210000,	0.0089	0.890000,	0.0432	
52.840000,	-0.0077	0.220000,	-0.0122,	0.900000,	0.0524,	
52.860000,	-0.0078,	0.230000,	0.0075	0.910000,	0.0343	
52.880000,	-0.0085	0.240000,	-0.0041,	0.920000,	0.0069,	
52.900000,	-0.0092,	0.250000,	-0.0264	0.930000,	0.0544	
52.920000,	-0.0079	0.260000,	-0.0431,	0.940000,	0.0312,	
52.940000,	-0.0049,	0.270000,	-0.0134	0.950000,	0.0488	
52.960000,	-0.0019	0.280000,	0.0029,	0.960000,	-0.001,	
52.980000,	0,	0.290000,	-0.0247	0.970000,	0.0037	
53.000000,	-0.0006	0.300000,	-0.0217,	0.980000,	-0.0649,	
53.020000,	-0.0013,	0.310000,	-0.0238	0.990000,	-0.0773	
53.040000,	-0.0002	0.320000,	-0.0326,	1.000000,	-0.0512,	
53.060000,	0.0019,	0.330000,	-0.0263	1.010000,	0.0038	
53.080000,	0.0039	0.340000,	-0.0053,	1.020000,	-0.0954,	
53.100000,	0.006,	0.350000,	-0.0218	1.030000,	0.0303	
53.120000,	0.0067	0.360000,	0.0047,	1.040000,	0.0033,	
53.140000,	0.0045,	0.370000,	0.0034	1.050000,	-0.0938	
53.160000,	0.0023	0.380000,	0.0159,	1.060000,	-0.0293,	
53.180000,	0.0001,	0.390000,	0.0043	1.070000,	-0.008	
53.200000,	0.0009	0.400000,	-0.0303,	1.080000,	-0.0798,	
53.220000,	0.0026,	0.410000,	-0.038	1.090000,	-0.0489	
53.240000,	0.0043	0.420000,	-0.0263,	1.100000,	-0.0258,	
53.260000,	0.006,	0.430000,	-0.0088	1.110000,	-0.0109	
53.280000,	0.0055	0.440000,	-0.0154,	1.120000,	0.0389,	

1.130000,	-0.0442		1.810000,	-0.0649		2.490000,	0.0577	
	1.140000,	-0.121,		1.820000,	-0.0339,		2.500000,	0.097,
1.150000,	-0.103		1.830000,	-0.011		2.510000,	-0.0086	
	1.160000,	-0.0764,		1.840000,	-0.0261,		2.520000,	0.109,
1.170000,	-0.0653		1.850000,	-0.0154		2.530000,	0.0671	
	1.180000,	-0.0108,		1.860000,	0.0363,		2.540000,	0.113,
1.190000,	0.0689		1.870000,	0.0254		2.550000,	0.114	
	1.200000,	0.115,		1.880000,	0.0578,		2.560000,	0.0757,
1.210000,	0.0375		1.890000,	0.0328		2.570000,	0.0809	
	1.220000,	-0.0135,		1.900000,	0.0159,		2.580000,	0.115,
1.230000,	0.069		1.910000,	-0.0274		2.590000,	0.0692	
	1.240000,	0.0584,		1.920000,	0.0192,		2.600000,	0.122,
1.250000,	0.0678		1.930000,	-0.0003		2.610000,	0.0358	
	1.260000,	0.069,		1.940000,	0.0328,		2.620000,	-0.0901,
1.270000,	0.0723		1.950000,	0.0686		2.630000,	-0.062	
	1.280000,	0.0831,		1.960000,	0.0323,		2.640000,	-0.113,
1.290000,	0.0232		1.970000,	0.0024		2.650000,	0.0674	
	1.300000,	0.0602,		1.980000,	-0.0377,		2.660000,	-0.0042,
1.310000,	0.0566		1.990000,	-0.0319		2.670000,	0.0175	
	1.320000,	0.0083,		2.000000,	0.0279,		2.680000,	0.148,
1.330000,	0.0368		2.010000,	0.0716		2.690000,	-0.0456	
	1.340000,	0.0798,		2.020000,	0.0648,		2.700000,	-0.0016,
1.350000,	-0.0168		2.030000,	-0.0076		2.710000,	-0.0809	
	1.360000,	0.0124,		2.040000,	-0.0107,		2.720000,	-0.0374,
1.370000,	-0.0771		2.050000,	0.0089		2.730000,	-0.0671	
	1.380000,	-0.0945,		2.060000,	0.003,		2.740000,	0.0249,
1.390000,	-0.0738		2.070000,	0.0103		2.750000,	-0.113	
	1.400000,	0.0019,		2.080000,	-0.0288,		2.760000,	-0.0254,
1.410000,	0.031		2.090000,	-0.0419		2.770000,	-0.145	
	1.420000,	-0.0371,		2.100000,	0.133,		2.780000,	-0.0598,
1.430000,	0.07		2.110000,	-0.0954		2.790000,	-0.12	
	1.440000,	0.0939,		2.120000,	0.0459,		2.800000,	-0.133,
1.450000,	0.0691		2.130000,	-0.0142		2.810000,	-0.0851	
	1.460000,	0.0072,		2.140000,	-0.0686,		2.820000,	-0.142,
1.470000,	0.101		2.150000,	-0.075		2.830000,	-0.0875	
	1.480000,	-0.0183,		2.160000,	-0.144,		2.840000,	-0.11,
1.490000,	0.0675		2.170000,	-0.0312		2.850000,	-0.0704	
	1.500000,	0.0666,		2.180000,	-0.0409,		2.860000,	-0.0957,
1.510000,	0.0746		2.190000,	-0.0176		2.870000,	-0.0774	
	1.520000,	-0.0368,		2.200000,	-0.15,		2.880000,	-0.12,
1.530000,	0.0669		2.210000,	-0.058		2.890000,	-0.137	
	1.540000,	0.0235,		2.220000,	-0.0915,		2.900000,	-0.0629,
1.550000,	0.126		2.230000,	-0.0658		2.910000,	0.0802	
	1.560000,	0.0342,		2.240000,	-0.023,		2.920000,	0.0647,
1.570000,	-0.0759		2.250000,	-0.102		2.930000,	-0.0613	
	1.580000,	0.0966,		2.260000,	-0.0705,		2.940000,	-0.0469,
1.590000,	-0.05		2.270000,	0.0293		2.950000,	-0.131	
	1.600000,	0.0484,		2.280000,	-0.0616,		2.960000,	-0.0213,
1.610000,	0.0657		2.290000,	0.0337		2.970000,	-0.097	
	1.620000,	0.0311,		2.300000,	-0.0835,		2.980000,	0.101,
1.630000,	0.0116		2.310000,	0.025		2.990000,	-0.0501	
	1.640000,	0.0118,		2.320000,	0.0583,		3.000000,	-0.0008,
1.650000,	-0.0925		2.330000,	-0.04		3.010000,	-0.0879	
	1.660000,	-0.0332,		2.340000,	0.0889,		3.020000,	0.0169,
1.670000,	-0.0975		2.350000,	0.0725		3.030000,	-0.0174	
	1.680000,	0.0161,		2.360000,	0.0191,		3.040000,	-0.0323,
1.690000,	-0.0761		2.370000,	0.0735		3.050000,	0.0179	
	1.700000,	-0.0239,		2.380000,	0.0662,		3.060000,	0.135,
1.710000,	-0.0624		2.390000,	0.068		3.070000,	0.0172	
	1.720000,	-0.0817,		2.400000,	0.002,		3.080000,	-0.0451,
1.730000,	0.0446		2.410000,	0.0931		3.090000,	0.0403	
	1.740000,	-0.0688,		2.420000,	0.109,		3.100000,	0.0297,
1.750000,	0.0063		2.430000,	0.0702		3.110000,	-0.12	
	1.760000,	-0.0875,		2.440000,	0.107,		3.120000,	0.0081,
1.770000,	0.0946		2.450000,	0.05		3.130000,	0.0358	
	1.780000,	0.0537,		2.460000,	0.0831,		3.140000,	-0.0639,
1.790000,	0.0758		2.470000,	0.0749		3.150000,	-0.0325	
	1.800000,	-0.0123,		2.480000,	0.118,		3.160000,	-0.0384,

3.170000,	-0.0859		3.850000,	0.0005		4.530000,	-0.0387	
	3.180000,	-0.0045,		3.860000,	0.0658,		4.540000,	-0.0491,
3.190000,	-0.0515		3.870000,	-0.0366		4.550000,	-0.117	
	3.200000,	-0.117,		3.880000,	-0.0616,		4.560000,	-0.0476,
3.210000,	-0.0111		3.890000,	-0.0566		4.570000,	-0.0779	
	3.220000,	-0.0048,		3.900000,	-0.143,		4.580000,	-0.137,
3.230000,	0.0787		3.910000,	-0.0626		4.590000,	-0.0228	
	3.240000,	0.0435,		3.920000,	-0.148,		4.600000,	0.0219,
3.250000,	0.0687		3.930000,	-0.0692		4.610000,	0.0061	
	3.260000,	0.116,		3.940000,	-0.0423,		4.620000,	0.111,
3.270000,	-0.0057		3.950000,	-0.0589		4.630000,	0.144	
	3.280000,	0.0728,		3.960000,	-0.0964,		4.640000,	0.0767,
3.290000,	0.101		3.970000,	-0.0473		4.650000,	0.0773	
	3.300000,	0.0618,		3.980000,	-0.0105,		4.660000,	0.082,
3.310000,	0.0711		3.990000,	0.0227		4.670000,	0.0682	
	3.320000,	0.0253,		4.000000,	-0.0635,		4.680000,	0.0882,
3.330000,	0.0226		4.010000,	0.0164		4.690000,	0.1	
	3.340000,	0.134,		4.020000,	0.123,		4.700000,	-0.0006,
3.350000,	0.0395		4.030000,	0.102		4.710000,	0.14	
	3.360000,	0.1,		4.040000,	0.0791,		4.720000,	0.0382,
3.370000,	-0.0408		4.050000,	0.0686		4.730000,	0.0414	
	3.380000,	0.0184,		4.060000,	0.118,		4.740000,	-0.0364,
3.390000,	-0.0532		4.070000,	0.0574		4.750000,	0.0049	
	3.400000,	-0.0545,		4.080000,	0.143,		4.760000,	0.0464,
3.410000,	0.0045		4.090000,	0.112		4.770000,	0.0641	
	3.420000,	-0.0264,		4.100000,	0.117,		4.780000,	0.0646,
3.430000,	0.0412		4.110000,	0.0604		4.790000,	0.0197	
	3.440000,	-0.105,		4.120000,	0.152,		4.800000,	0.0282,
3.450000,	-0.0293		4.130000,	0.0997		4.810000,	0.0388	
	3.460000,	-0.149,		4.140000,	0.0713,		4.820000,	-0.0265,
3.470000,	-0.107		4.150000,	0.081		4.830000,	-0.142	
	3.480000,	-0.0643,		4.160000,	0.0823,		4.840000,	0.0439,
3.490000,	-0.0454		4.170000,	0.064		4.850000,	-0.0069	
	3.500000,	-0.082,		4.180000,	0.0437,		4.860000,	0.115,
3.510000,	-0.0902		4.190000,	0.0784		4.870000,	0.138	
	3.520000,	-0.0628,		4.200000,	0.0668,		4.880000,	0.0442,
3.530000,	-0.145		4.210000,	0.146		4.890000,	0.0995	
	3.540000,	-0.0811,		4.220000,	0.0994,		4.900000,	0.0244,
3.550000,	-0.101		4.230000,	-0.0063		4.910000,	0.15	
	3.560000,	-0.0749,		4.240000,	0.0066,		4.920000,	0.116,
3.570000,	0.0375		4.250000,	0.0835		4.930000,	-0.0024	
	3.580000,	-0.0297,		4.260000,	0.046,		4.940000,	-0.0321,
3.590000,	-0.0486		4.270000,	-0.0331		4.950000,	-0.0592	
	3.600000,	0.0908,		4.280000,	0.0469,		4.960000,	0.0143,
3.610000,	0.0157		4.290000,	-0.0689		4.970000,	0.0362	
	3.620000,	0.0496,		4.300000,	-0.0772,		4.980000,	0.0192,
3.630000,	0.0473		4.310000,	-0.0017		4.990000,	0.0134	
	3.640000,	0.0706,		4.320000,	0.103,		5.000000,	-0.107,
3.650000,	0.028		4.330000,	0.0413		5.010000,	-0.137	
	3.660000,	0.0593,		4.340000,	-0.0207,		5.020000,	-0.048,
3.670000,	-0.0302		4.350000,	0.0583		5.030000,	-0.116	
	3.680000,	-0.152,		4.360000,	0.0259,		5.040000,	-0.127,
3.690000,	-0.108		4.370000,	0.0263		5.050000,	-0.0689	
	3.700000,	-0.0237,		4.380000,	-0.0401,		5.060000,	-0.0676,
3.710000,	-0.0306		4.390000,	-0.0169		5.070000,	-0.0427	
	3.720000,	-0.039,		4.400000,	-0.0986,		5.080000,	-0.103,
3.730000,	-0.0018		4.410000,	0.0437		5.090000,	0.0254	
	3.740000,	-0.0533,		4.420000,	-0.0001,		5.100000,	-0.138,
3.750000,	-0.0154		4.430000,	-0.0137		5.110000,	-0.0914	
	3.760000,	-0.103,		4.440000,	0.03,		5.120000,	-0.0793,
3.770000,	-0.0974		4.450000,	0.077		5.130000,	-0.0638	
	3.780000,	0.0019,		4.460000,	-0.077,		5.140000,	-0.107,
3.790000,	0.0438		4.470000,	-0.0078		5.150000,	-0.0695	
	3.800000,	-0.0351,		4.480000,	-0.0447,		5.160000,	-0.0602,
3.810000,	-0.0181		4.490000,	0.0359		5.170000,	-0.119	
	3.820000,	0.0202,		4.500000,	0.101,		5.180000,	-0.0133,
3.830000,	0.074		4.510000,	0.131		5.190000,	0.0062	
	3.840000,	-0.0253,		4.520000,	-0.018,		5.200000,	0.014,

5.210000,	-0.0969		5.890000,	-0.067		6.570000,	-0.0862	
	5.220000,	0.0019,		5.900000,	-0.0722,		6.580000,	-0.0969,
5.230000,	-0.0054		5.910000,	-0.1		6.590000,	-0.1	
	5.240000,	-0.094,		5.920000,	0.0157,		6.600000,	-0.131,
5.250000,	-0.0742		5.930000,	-0.0247		6.610000,	-0.0917	
	5.260000,	0.0634,		5.940000,	0.105,		6.620000,	0.0384,
5.270000,	0.0086		5.950000,	0.0358		6.630000,	-0.0878	
	5.280000,	0.0611,		5.960000,	-0.0113,		6.640000,	0.13,
5.290000,	-0.0686		5.970000,	-0.0855		6.650000,	0.117	
	5.300000,	0.0077,		5.980000,	-0.0342,		6.660000,	0.0072,
5.310000,	0.0697		5.990000,	-0.122		6.670000,	0.109	
	5.320000,	-0.0741,		6.000000,	-0.0593,		6.680000,	0.0897,
5.330000,	-0.0101		6.010000,	0.0092		6.690000,	0.0105	
	5.340000,	-0.0243,		6.020000,	-0.0839,		6.700000,	0.127,
5.350000,	0.0917		6.030000,	-0.12		6.710000,	-0.0053	
	5.360000,	0.0634,		6.040000,	-0.0182,		6.720000,	0.123,
5.370000,	0.0815		6.050000,	-0.0322		6.730000,	0.0664	
	5.380000,	-0.113,		6.060000,	0.0215,		6.740000,	0.132,
5.390000,	0.0832		6.070000,	0.0516		6.750000,	0.0744	
	5.400000,	0.0248,		6.080000,	0.0925,		6.760000,	0.0622,
5.410000,	0.14		6.090000,	0.102		6.770000,	0.0527	
	5.420000,	-0.0174,		6.100000,	0.125,		6.780000,	-0.087,
5.430000,	-0.0009		6.110000,	0.102		6.790000,	-0.0836	
	5.440000,	0.0223,		6.120000,	-0.0349,		6.800000,	-0.0275,
5.450000,	0.0521		6.130000,	0.039		6.810000,	0.0419	
	5.460000,	-0.0505,		6.140000,	0.0884,		6.820000,	-0.0554,
5.470000,	0.0356		6.150000,	0.0448		6.830000,	-0.0581	
	5.480000,	0.0556,		6.160000,	0.0311,		6.840000,	-0.0109,
5.490000,	0.0115		6.170000,	0.0759		6.850000,	-0.0816	
	5.500000,	0.0529,		6.180000,	0.0071,		6.860000,	-0.0858,
5.510000,	-0.0006		6.190000,	0.102		6.870000,	-0.0749	
	5.520000,	-0.0276,		6.200000,	0.067,		6.880000,	-0.0216,
5.530000,	-0.0573		6.210000,	0.13		6.890000,	-0.15	
	5.540000,	-0.0652,		6.220000,	-0.0013,		6.900000,	-0.102,
5.550000,	-0.0437		6.230000,	-0.0891		6.910000,	-0.104	
	5.560000,	-0.0597,		6.240000,	-0.075,		6.920000,	-0.102,
5.570000,	-0.0977		6.250000,	-0.0237		6.930000,	-0.126	
	5.580000,	0.0057,		6.260000,	-0.0625,		6.940000,	-0.0703,
5.590000,	-0.0136		6.270000,	0.0995		6.950000,	-0.0942	
	5.600000,	0.0575,		6.280000,	0.0677,		6.960000,	-0.0845,
5.610000,	0.0676		6.290000,	0.0738		6.970000,	-0.0914	
	5.620000,	0.0305,		6.300000,	0.004,		6.980000,	-0.0655,
5.630000,	0.0763		6.310000,	0.079		6.990000,	-0.0689	
	5.640000,	-0.113,		6.320000,	0.0149,		7.000000,	-0.047,
5.650000,	0.0483		6.330000,	0.0697		7.010000,	-0.0682	
	5.660000,	-0.0321,		6.340000,	-0.0009,		7.020000,	-0.126,
5.670000,	-0.112		6.350000,	-0.0477		7.030000,	0.0869	
	5.680000,	-0.0844,		6.360000,	0.0991,		7.040000,	-0.0542,
5.690000,	-0.02		6.370000,	-0.0178		7.050000,	-0.0294	
	5.700000,	-0.0881,		6.380000,	0.0879,		7.060000,	-0.129,
5.710000,	-0.0529		6.390000,	0.0667		7.070000,	0.0027	
	5.720000,	-0.0313,		6.400000,	-0.0195,		7.080000,	-0.017,
5.730000,	0.0839		6.410000,	0.0822		7.090000,	0.0363	
	5.740000,	-0.0148,		6.420000,	0.0229,		7.100000,	0.0114,
5.750000,	-0.0138		6.430000,	-0.052		7.110000,	0.0591	
	5.760000,	0.0215,		6.440000,	-0.127,		7.120000,	0.0481,
5.770000,	0.0524		6.450000,	0.0187		7.130000,	-0.0923	
	5.780000,	-0.0884,		6.460000,	0.0106,		7.140000,	0.076,
5.790000,	-0.124		6.470000,	0.0768		7.150000,	-0.0946	
	5.800000,	-0.0927,		6.480000,	-0.0516,		7.160000,	-0.0482,
5.810000,	-0.0962		6.490000,	0.0688		7.170000,	0.0777	
	5.820000,	-0.0676,		6.500000,	-0.0489,		7.180000,	0.136,
5.830000,	-0.0869		6.510000,	-0.103		7.190000,	-0.0323	
	5.840000,	0.0011,		6.520000,	0.0503,		7.200000,	0.1,
5.850000,	-0.119		6.530000,	-0.071		7.210000,	0.0796	
	5.860000,	-0.108,		6.540000,	-0.0734,		7.220000,	0.0727,
5.870000,	-0.124		6.550000,	-0.135		7.230000,	0.0855	
	5.880000,	-0.134,		6.560000,	-0.0339,		7.240000,	0.0804,

7.250000,	0.0848		7.930000,	0.102		8.610000,	-0.0735	
	7.260000,	0.0773,		7.940000,	0.154,		8.620000,	0.031,
7.270000,	0.124		7.950000,	0.117		8.630000,	-0.0196	
	7.280000,	-0.038,		7.960000,	0.153,		8.640000,	0.0078,
7.290000,	0.0769		7.970000,	0.102		8.650000,	0.0008	
	7.300000,	0.033,		7.980000,	0.0869,		8.660000,	-0.0535,
7.310000,	-0.0027		7.990000,	0.0635		8.670000,	0.145	
	7.320000,	-0.0391,		8.000000,	0.104,		8.680000,	0.0181,
7.330000,	0.0128		8.010000,	0.0998		8.690000,	0.133	
	7.340000,	0.0317,		8.020000,	0.0782,		8.700000,	0.0322,
7.350000,	0.109		8.030000,	0.0506		8.710000,	-0.0251	
	7.360000,	-0.0697,		8.040000,	0.0799,		8.720000,	-0.0722,
7.370000,	-0.0783		8.050000,	0.0614		8.730000,	0.0045	
	7.380000,	-0.0912,		8.060000,	0.049,		8.740000,	0.0017,
7.390000,	-0.102		8.070000,	0.0416		8.750000,	0.0071	
	7.400000,	0.0292,		8.080000,	0.0669,		8.760000,	0.0784,
7.410000,	-0.0032		8.090000,	0.0186		8.770000,	-0.0287	
	7.420000,	0.0158,		8.100000,	0.0639,		8.780000,	0.0575,
7.430000,	0.0091		8.110000,	0.131		8.790000,	-0.0156	
	7.440000,	-0.0647,		8.120000,	0.0644,		8.800000,	-0.0691,
7.450000,	-0.0746		8.130000,	0.0856		8.810000,	-0.0537	
	7.460000,	-0.0481,		8.140000,	0.0393,		8.820000,	-0.12,
7.470000,	-0.144		8.150000,	0.0875		8.830000,	-0.0179	
	7.480000,	-0.0898,		8.160000,	0.0161,		8.840000,	-0.101,
7.490000,	-0.0625		8.170000,	0.0802		8.850000,	-0.105	
	7.500000,	-0.0521,		8.180000,	0.0546,		8.860000,	-0.143,
7.510000,	0.111		8.190000,	-0.015		8.870000,	-0.1	
	7.520000,	0.007,		8.200000,	-0.0112,		8.880000,	-0.144,
7.530000,	0.0034		8.210000,	-0.0131		8.890000,	-0.0764	
	7.540000,	0.0012,		8.220000,	0.0178,		8.900000,	-0.0797,
7.550000,	0.0284		8.230000,	-0.0438		8.910000,	-0.0667	
	7.560000,	0.0203,		8.240000,	-0.0489,		8.920000,	-0.126,
7.570000,	-0.0013		8.250000,	-0.0425		8.930000,	-0.0656	
	7.580000,	0.121,		8.260000,	0.0002,		8.940000,	-0.0718,
7.590000,	-0.0078		8.270000,	-0.0746		8.950000,	-0.054	
	7.600000,	0.121,		8.280000,	-0.0241,		8.960000,	-0.0094,
7.610000,	0.0182		8.290000,	-0.0529		8.970000,	-0.052	
	7.620000,	-0.0691,		8.300000,	0.108,		8.980000,	-0.0665,
7.630000,	0.0567		8.310000,	0.0538		8.990000,	0.0242	
	7.640000,	-0.0368,		8.320000,	0.0709,		9.000000,	-0.076,
7.650000,	-0.0012		8.330000,	0.0514		9.010000,	-0.0558	
	7.660000,	0.0048,		8.340000,	-0.109,		9.020000,	0.128,
7.670000,	-0.0397		8.350000,	-0.0076		9.030000,	-0.0479	
	7.680000,	-0.0472,		8.360000,	-0.141,		9.040000,	0.0631,
7.690000,	0.0496		8.370000,	-0.0338		9.050000,	-0.0299	
	7.700000,	0.0624,		8.380000,	-0.135,		9.060000,	0.0333,
7.710000,	-0.031		8.390000,	-0.0962		9.070000,	-0.0494	
	7.720000,	0.106,		8.400000,	0.0041,		9.080000,	0.029,
7.730000,	0.0454		8.410000,	0.0007		9.090000,	0.125	
	7.740000,	0.0077,		8.420000,	-0.102,		9.100000,	0.0899,
7.750000,	-0.0408		8.430000,	0.0202		9.110000,	0.128	
	7.760000,	-0.0978,		8.440000,	-0.0586,		9.120000,	0.136,
7.770000,	-0.0272		8.450000,	-0.0514		9.130000,	0.0523	
	7.780000,	-0.0597,		8.460000,	-0.0089,		9.140000,	0.0405,
7.790000,	-0.101		8.470000,	0.0463		9.150000,	0.0719	
	7.800000,	0.031,		8.480000,	0.0669,		9.160000,	0.0246,
7.810000,	-0.0118		8.490000,	-0.0372		9.170000,	0.0448	
	7.820000,	-0.066,		8.500000,	-0.0324,		9.180000,	0.0832,
7.830000,	-0.141		8.510000,	0.147		9.190000,	0.0474	
	7.840000,	-0.0395,		8.520000,	0.0734,		9.200000,	0.125,
7.850000,	0.126		8.530000,	0.0767		9.210000,	0.0067	
	7.860000,	0.0517,		8.540000,	0.11,		9.220000,	-0.0904,
7.870000,	-0.0083		8.550000,	0.0639		9.230000,	-0.0241	
	7.880000,	-0.0432,		8.560000,	-0.0507,		9.240000,	-0.0529,
7.890000,	0.0972		8.570000,	0.0531		9.250000,	-0.0193	
	7.900000,	0.0786,		8.580000,	0.0079,		9.260000,	-0.101,
7.910000,	0.0854		8.590000,	0.0202		9.270000,	-0.0107	
	7.920000,	0.0711,		8.600000,	-0.0021,		9.280000,	-0.0349,

9.290000,	-0.0175		9.970000,	-0.063		10.650000,	0.0048	
	9.300000,	0.0092,		9.980000,	-0.0099,		10.660000,	-0.115,
9.310000,	0.123		9.990000,	-0.0869		10.670000,	-0.0708	
	9.320000,	0.132,		10.000000,	-0.146,		10.680000,	-0.109,
9.330000,	0.0861		10.010000,	-0.0906		10.690000,	-0.137	
	9.340000,	0.071,		10.020000,	-0.108,		10.700000,	0.0279,
9.350000,	0.103		10.030000,	0.0021		10.710000,	-0.0992	
	9.360000,	0.11,		10.040000,	-0.0514,		10.720000,	-0.103,
9.370000,	0.0792		10.050000,	-0.0155		10.730000,	-0.052	
	9.380000,	0.0664,		10.060000,	-0.104,		10.740000,	0.0183,
9.390000,	0.0679		10.070000,	-0.0746		10.750000,	-0.0523	
	9.400000,	0.13,		10.080000,	-0.11,		10.760000,	0.0899,
9.410000,	0.0062		10.090000,	-0.129		10.770000,	-0.0179	
	9.420000,	0.116,		10.100000,	-0.114,		10.780000,	-0.0162,
9.430000,	0.0714		10.110000,	-0.0825		10.790000,	0.0474	
	9.440000,	0.123,		10.120000,	-0.089,		10.800000,	0.0733,
9.450000,	0.0732		10.130000,	-0.0612		10.810000,	-0.0138	
	9.460000,	0.0511,		10.140000,	-0.121,		10.820000,	0.101,
9.470000,	0.0336		10.150000,	0.0231		10.830000,	-0.0096	
	9.480000,	0.0177,		10.160000,	-0.0188,		10.840000,	0.119,
9.490000,	-0.0963		10.170000,	-0.073		10.850000,	0.0455	
	9.500000,	-0.0329,		10.180000,	0.0348,		10.860000,	0.0591,
9.510000,	-0.022		10.190000,	-0.0437		10.870000,	-0.01	
	9.520000,	-0.0596,		10.200000,	-0.0881,		10.880000,	-0.123,
9.530000,	0.0007		10.210000,	-0.0347		10.890000,	0.009	
	9.540000,	0.001,		10.220000,	0.118,		10.900000,	0.0319,
9.550000,	-0.0698		10.230000,	0.0874		10.910000,	-0.0134	
	9.560000,	-0.0679,		10.240000,	0.134,		10.920000,	-0.0274,
9.570000,	-0.0219		10.250000,	0.114		10.930000,	-0.0055	
	9.580000,	-0.0651,		10.260000,	-0.0679,		10.940000,	-0.0582,
9.590000,	0.109		10.270000,	0.0297		10.950000,	-0.119	
	9.600000,	-0.0841,		10.280000,	-0.0863,		10.960000,	-0.0049,
9.610000,	-0.0427		10.290000,	-0.0042		10.970000,	-0.0877	
	9.620000,	-0.0326,		10.300000,	-0.0513,		10.980000,	-0.0645,
9.630000,	-0.0362		10.310000,	-0.0466		10.990000,	-0.0389	
	9.640000,	-0.0934,		10.320000,	-0.076,		11.000000,	0.0019,
9.650000,	0.0341		10.330000,	0.04		11.010000,	0.0314	
	9.660000,	-0.108,		10.340000,	0.002,		11.020000,	-0.0145,
9.670000,	-0.057		10.350000,	0.128		11.030000,	-0.0577	
	9.680000,	-0.0657,		10.360000,	0.0119,		11.040000,	-0.0038,
9.690000,	-0.124		10.370000,	0.084		11.050000,	-0.113	
	9.700000,	-0.0986,		10.380000,	0.0482,		11.060000,	0.0122,
9.710000,	-0.0336		10.390000,	0.0738		11.070000,	-0.0574	
	9.720000,	0.0596,		10.400000,	0.0913,		11.080000,	-0.095,
9.730000,	0.0345		10.410000,	0.0314		11.090000,	-0.138	
	9.740000,	-0.0362,		10.420000,	0.0155,		11.100000,	-0.0827,
9.750000,	0.0258		10.430000,	0.0687		11.110000,	-0.142	
	9.760000,	-0.0563,		10.440000,	0.0888,		11.120000,	-0.0774,
9.770000,	-0.0369		10.450000,	0.0727		11.130000,	-0.0635	
	9.780000,	0.102,		10.460000,	0.077,		11.140000,	-0.0364,
9.790000,	0.0579		10.470000,	0.0993		11.150000,	-0.0278	
	9.800000,	0.0516,		10.480000,	0.107,		11.160000,	-0.0259,
9.810000,	-0.0233		10.490000,	0.0661		11.170000,	-0.0405	
	9.820000,	0.0151,		10.500000,	0.0514,		11.180000,	0.0525,
9.830000,	0.0028		10.510000,	0.06		11.190000,	-0.023	
	9.840000,	0.0175,		10.520000,	0.118,		11.200000,	-0.0833,
9.850000,	0.0626		10.530000,	0.103		11.210000,	-0.042	
	9.860000,	-0.0153,		10.540000,	0.0493,		11.220000,	-0.0207,
9.870000,	-0.094		10.550000,	0.0785		11.230000,	0.0552	
	9.880000,	-0.0004,		10.560000,	0.12,		11.240000,	-0.0857,
9.890000,	0.0945		10.570000,	-0.0517		11.250000,	0.0684	
	9.900000,	0.0014,		10.580000,	0.0862,		11.260000,	0.0368,
9.910000,	0.0193		10.590000,	-0.048		11.270000,	0.0313	
	9.920000,	-0.0157,		10.600000,	-0.0724,		11.280000,	-0.026,
9.930000,	0.0189		10.610000,	0.096		11.290000,	0.0858	
	9.940000,	0.0927,		10.620000,	0.0284,		11.300000,	0.12,
9.950000,	0.0091		10.630000,	0.0049		11.310000,	0.0515	
	9.960000,	0.0906,		10.640000,	0.0306,		11.320000,	0.0741,

11.330000,	0.0976		12.010000,	-0.0171		12.690000,	0.0675	
11.340000,		0.109,	12.020000,		0.0451,	12.700000,		0.114,
11.350000,	0.0292		12.030000,	0.11		12.710000,	0.0649	
11.360000,		0.0929,	12.040000,		0.0266,	12.720000,		0.1,
11.370000,	-0.0456		12.050000,	0.0117		12.730000,	0.0704	
11.380000,		-0.0587,	12.060000,		0.0952,	12.740000,		0.0457,
11.390000,	-0.0603		12.070000,	-0.0551		12.750000,	0.0338	
11.400000,		-0.0526,	12.080000,		-0.0149,	12.760000,		0.0263,
11.410000,	-0.0378		12.090000,	0.0141		12.770000,	0.125	
11.420000,		-0.117,	12.100000,		0.142,	12.780000,		0.0164,
11.430000,	-0.0585		12.110000,	0.0229		12.790000,	0.0253	
11.440000,		-0.0944,	12.120000,		0.0555,	12.800000,		-0.0372,
11.450000,	-0.0771		12.130000,	0.0639		12.810000,	0.0871	
11.460000,		-0.0687,	12.140000,		-0.0808,	12.820000,		-0.0303,
11.470000,	-0.0721		12.150000,	0.0968		12.830000,	0.0915	
11.480000,		-0.0991,	12.160000,		0.0204,	12.840000,		-0.0179,
11.490000,	-0.114		12.170000,	0.0424		12.850000,	0.0088	
11.500000,		-0.109,	12.180000,		0.0372,	12.860000,		-0.0678,
11.510000,	-0.0287		12.190000,	-0.093		12.870000,	-0.0073	
11.520000,		-0.13,	12.200000,		0.0008,	12.880000,		-0.0168,
11.530000,	-0.0178		12.210000,	-0.0993		12.890000,	-0.026	
11.540000,		0.0165,	12.220000,		0.0315,	12.900000,		-0.0461,
11.550000,	-0.0347		12.230000,	-0.0959		12.910000,	-0.0154	
11.560000,		0.0308,	12.240000,		-0.0503,	12.920000,		-0.0193,
11.570000,	-0.134		12.250000,	0.0501		12.930000,	-0.0151	
11.580000,		0.0034,	12.260000,		0.0243,	12.940000,		-0.0642,
11.590000,	-0.0784		12.270000,	-0.0031		12.950000,	-0.0766	
11.600000,		-0.138,	12.280000,		0.004,	12.960000,		-0.0913,
11.610000,	-0.0053		12.290000,	0.046		12.970000,	-0.0549	
11.620000,		0.0491,	12.300000,		-0.0734,	12.980000,		0.0443,
11.630000,	-0.0505		12.310000,	-0.0064		12.990000,	-0.0613	
11.640000,		0.099,	12.320000,		-0.0837,	13.000000,		-0.115,
11.650000,	-0.0253		12.330000,	0.0643		13.010000,	-0.0647	
11.660000,		-0.029,	12.340000,		-0.0867,	13.020000,		-0.118,
11.670000,	0.0286		12.350000,	-0.0011		13.030000,	-0.0979	
11.680000,		0.0019,	12.360000,		-0.0433,	13.040000,		-0.12,
11.690000,	0.0231		12.370000,	0.011		13.050000,	-0.0722	
11.700000,		-0.0243,	12.380000,		0.0862,	13.060000,		-0.0882,
11.710000,	0.0021		12.390000,	0.0166		13.070000,	-0.0442	
11.720000,		-0.0087,	12.400000,		0.0566,	13.080000,		-0.151,
11.730000,	0.0545		12.410000,	0.0171		13.090000,	-0.0709	
11.740000,		0.0884,	12.420000,		0.0332,	13.100000,		-0.0999,
11.750000,	0.112		12.430000,	-0.0283		13.110000,	-0.0167	
11.760000,		-0.0241,	12.440000,		0.0369,	13.120000,		-0.0347,
11.770000,	0.0756		12.450000,	0.0352		13.130000,	-0.0049	
11.780000,		0.0283,	12.460000,		0.0197,	13.140000,		0.101,
11.790000,	0.0336		12.470000,	0.131		13.150000,	0.0423	
11.800000,		-0.0278,	12.480000,		0.107,	13.160000,		0.119,
11.810000,	0.0089		12.490000,	-0.0112		13.170000,	0.0044	
11.820000,		-0.0815,	12.500000,		-0.0517,	13.180000,		0.0481,
11.830000,	-0.0171		12.510000,	-0.0191		13.190000,	0.148	
11.840000,		-0.0052,	12.520000,		-0.0192,	13.200000,		0.113,
11.850000,	-0.0011		12.530000,	0.0784		13.210000,	0.0621	
11.860000,		0.0812,	12.540000,		0.0712,	13.220000,		0.121,
11.870000,	0.0037		12.550000,	0.0507		13.230000,	0.146	
11.880000,		0.0803,	12.560000,		-0.0186,	13.240000,		0.0238,
11.890000,	-0.0841		12.570000,	0.068		13.250000,	0.106	
11.900000,		-0.0351,	12.580000,		-0.0247,	13.260000,		-0.0228,
11.910000,	0.121		12.590000,	0.0502		13.270000,	0.114	
11.920000,		-0.0251,	12.600000,		0.0704,	13.280000,		0.0702,
11.930000,	0.0025		12.610000,	0.0692		13.290000,	0.136	
11.940000,		0.114,	12.620000,		-0.0026,	13.300000,		0.0067,
11.950000,	0.0324		12.630000,	0.0545		13.310000,	0.0166	
11.960000,		0.0481,	12.640000,		0.0393,	13.320000,		-0.0336,
11.970000,	0.0954		12.650000,	-0.0847		13.330000,	-0.0204	
11.980000,		0.0203,	12.660000,		0.0926,	13.340000,		0.0149,
11.990000,	0.0122		12.670000,	0.0673		13.350000,	-0.006	
12.000000,		-0.0955,	12.680000,		0.126,	13.360000,		0.0563,

13.370000,	0.101		14.050000,	0.0918		14.730000,	-0.0294
13.380000,		0.0808,	14.060000,		0.0693,	14.740000,	-0.0679,
13.390000,	0.0326		14.070000,	0.122		14.750000,	-0.119
13.400000,		0.059,	14.080000,		0.121,	14.760000,	-0.046,
13.410000,	-0.0735		14.090000,	0.0377		14.770000,	-0.0091
13.420000,		-0.0524,	14.100000,		-0.0047,	14.780000,	-0.112,
13.430000,	-0.0816		14.110000,	0.0826		14.790000,	-0.0444
13.440000,		0.031,	14.120000,		0.0214,	14.800000,	-0.0221,
13.450000,	-0.0227		14.130000,	0.0397		14.810000,	-0.0532
13.460000,		-0.0312,	14.140000,		-0.0362,	14.820000,	0.004,
13.470000,	0.052		14.150000,	-0.0902		14.830000,	-0.0507
13.480000,		-0.0133,	14.160000,		-0.0962,	14.840000,	-0.0532,
13.490000,	0.0295		14.170000,	-0.0887		14.850000,	-0.0674
13.500000,		0.0126,	14.180000,		-0.115,	14.860000,	-0.143,
13.510000,	0.0383		14.190000,	-0.132		14.870000,	-0.0836
13.520000,		-0.0633,	14.200000,		-0.141,	14.880000,	-0.0777,
13.530000,	0.0423		14.210000,	-0.0688		14.890000,	-0.129
13.540000,		-0.0238,	14.220000,		-0.0238,	14.900000,	-0.0328,
13.550000,	0.0287		14.230000,	-0.0138		14.910000,	-0.0667
13.560000,		0.0072,	14.240000,		-0.0922,	14.920000,	0.0738,
13.570000,	0.0358		14.250000,	0.0116		14.930000,	-0.0373
13.580000,		-0.0577,	14.260000,		-0.07,	14.940000,	-0.0998,
13.590000,	0.0141		14.270000,	0.0222		14.950000,	-0.0434
13.600000,		-0.0176,	14.280000,		0.0163,	14.960000,	-0.0491,
13.610000,	-0.0329		14.290000,	0.0386		14.970000,	-0.075
13.620000,		-0.053,	14.300000,		-0.042,	14.980000,	-0.0396,
13.630000,	-0.0324		14.310000,	0.0029		14.990000,	-0.0663
13.640000,		0.0075,	14.320000,		0.0116,	15.000000,	-0.112,
13.650000,	0.0218		14.330000,	0.103		15.010000,	-0.0649
13.660000,		0.0199,	14.340000,		0.0007,	15.020000,	-0.0847,
13.670000,	-0.0787		14.350000,	0.0989		15.030000,	-0.0411
13.680000,		-0.0408,	14.360000,		0.056,	15.040000,	0.0579,
13.690000,	-0.0376		14.370000,	0.0511		15.050000,	-0.0322
13.700000,		-0.146,	14.380000,		0.057,	15.060000,	0.0025,
13.710000,	0.0884		14.390000,	-0.0003		15.070000,	0.0387
13.720000,		-0.024,	14.400000,		0.126,	15.080000,	-0.0271,
13.730000,	0.0739		14.410000,	0.0692		15.090000,	0.0217
13.740000,		0.0339,	14.420000,		0.103,	15.100000,	0.0801,
13.750000,	0.0694		14.430000,	-0.0131		15.110000,	0.0821
13.760000,		0.0162,	14.440000,		-0.049,	15.120000,	0.136,
13.770000,	0.0693		14.450000,	-0.0626		15.130000,	0.0625
13.780000,		0.0838,	14.460000,		-0.0407,	15.140000,	0.0661,
13.790000,	0.0221		14.470000,	0.0051		15.150000,	0.0685
13.800000,		0.0626,	14.480000,		-0.028,	15.160000,	0.0659,
13.810000,	-0.0108		14.490000,	0.0104		15.170000,	0.123
13.820000,		0.0642,	14.500000,		-0.0353,	15.180000,	0.0699,
13.830000,	-0.026		14.510000,	0.0348		15.190000,	0.0338
13.840000,		-0.0005,	14.520000,		-0.0073,	15.200000,	0.0492,
13.850000,	0.0409		14.530000,	0.0552		15.210000,	-0.0193
13.860000,		0.0259,	14.540000,		0.0565,	15.220000,	-0.0144,
13.870000,	-0.0433		14.550000,	-0.0364		15.230000,	-0.0115
13.880000,		0.0206,	14.560000,		0.0105,	15.240000,	-0.0596,
13.890000,	0.0224		14.570000,	0.0667		15.250000,	0.0459
13.900000,		-0.0022,	14.580000,		0.0232,	15.260000,	0.0018,
13.910000,	-0.0714		14.590000,	0.0622		15.270000,	0.0046
13.920000,		0.1,	14.600000,		0.0873,	15.280000,	-0.0582,
13.930000,	0.0522		14.610000,	-0.0372		15.290000,	-0.0629
13.940000,		0.109,	14.620000,		0.0251,	15.300000,	-0.0413,
13.950000,	0.0273		14.630000,	-0.0567		15.310000,	-0.0196
13.960000,		-0.0347,	14.640000,		-0.028,	15.320000,	-0.0056,
13.970000,	0.0591		14.650000,	-0.0249		15.330000,	-0.0505
13.980000,		-0.0175,	14.660000,		0.0332,	15.340000,	-0.0346,
13.990000,	0.0324		14.670000,	-0.119		15.350000,	0.0186
14.000000,		0.062,	14.680000,		-0.0483,	15.360000,	0.0097,
14.010000,	0.0342		14.690000,	-0.0116		15.370000,	0.0366
14.020000,		0.0345,	14.700000,		0.0204,	15.380000,	-0.0448,
14.030000,	0.0317		14.710000,	-0.0389		15.390000,	0.0443
14.040000,		0.119,	14.720000,		-0.0089,	15.400000,	-0.0086,

15.410000,	0.0339		16.090000,	-0.0353		16.770000,	0.0242	
15.420000,		0.0554,	16.100000,		-0.0404,	16.780000,		0.0983,
15.430000,	0.0458		16.110000,	-0.0097		16.790000,	0.126	
15.440000,		0.0371,	16.120000,		-0.0575,	16.800000,		0.0771,
15.450000,	0.0543		16.130000,	-0.0897		16.810000,	0.0288	
15.460000,		0.145,	16.140000,		-0.0428,	16.820000,		-0.0161,
15.470000,	0.04		16.150000,	0.0319		16.830000,	-0.0361	
15.480000,		0.0641,	16.160000,		-0.0232,	16.840000,		-0.0088,
15.490000,	0.0519		16.170000,	0.077		16.850000,	0.0164	
15.500000,		-0.0215,	16.180000,		0.0187,	16.860000,		0.018,
15.510000,	0.0574		16.190000,	0.0545		16.870000,	0.0327	
15.520000,		0.0458,	16.200000,		0.0086,	16.880000,		-0.0193,
15.530000,	-0.0717		16.210000,	0.0156		16.890000,	-0.0048	
15.540000,		-0.0277,	16.220000,		0.0081,	16.900000,		0.0107,
15.550000,	-0.0748		16.230000,	0.0032		16.910000,	-0.0536	
15.560000,		0.0611,	16.240000,		0.0155,	16.920000,		-0.0214,
15.570000,	-0.0673		16.250000,	0.0068		16.930000,	-0.0522	
15.580000,		-0.0567,	16.260000,		0.0876,	16.940000,		-0.053,
15.590000,	0.0226		16.270000,	0.0743		16.950000,	-0.0398	
15.600000,		-0.0411,	16.280000,		0.0588,	16.960000,		-0.0192,
15.610000,	0.0401		16.290000,	0.0831		16.970000,	-0.0276	
15.620000,		-0.0643,	16.300000,		0.0894,	16.980000,		-0.0427,
15.630000,	-0.035		16.310000,	0.0316		16.990000,	-0.0011	
15.640000,		-0.0926,	16.320000,		0.0955,	17.000000,		-0.001,
15.650000,	0.0588		16.330000,	-0.0265		17.010000,	-0.0286	
15.660000,		-0.041,	16.340000,		-0.0558,	17.020000,		-0.0504,
15.670000,	-0.0154		16.350000,	0.0088		17.030000,	-0.0273	
15.680000,		-0.014,	16.360000,		-0.0057,	17.040000,		-0.0483,
15.690000,	-0.0088		16.370000,	0.0481		17.050000,	-0.122	
15.700000,		0.0189,	16.380000,		0.0301,	17.060000,		-0.118,
15.710000,	-0.0476		16.390000,	0.0277		17.070000,	-0.0592	
15.720000,		-0.0181,	16.400000,		-0.063,	17.080000,		-0.072,
15.730000,	-0.0012		16.410000,	-0.0553		17.090000,	-0.0131	
15.740000,		-0.0039,	16.420000,		-0.0628,	17.100000,		-0.0277,
15.750000,	-0.0579		16.430000,	0.0255		17.110000,	-0.0589	
15.760000,		-0.001,	16.440000,		-0.0233,	17.120000,		-0.0589,
15.770000,	0.013		16.450000,	0.0272		17.130000,	-0.031	
15.780000,		-0.0153,	16.460000,		0.0119,	17.140000,		-0.039,
15.790000,	-0.0156		16.470000,	0.048		17.150000,	-0.0249	
15.800000,		-0.129,	16.480000,		0.0422,	17.160000,		-0.0587,
15.810000,	-0.0557		16.490000,	0.0511		17.170000,	-0.0444	
15.820000,		0.0434,	16.500000,		0.0214,	17.180000,		-0.0226,
15.830000,	-0.0488		16.510000,	0.0007		17.190000,	-0.0024	
15.840000,		-0.026,	16.520000,		0.0366,	17.200000,		0.018,
15.850000,	-0.0492		16.530000,	0.0059		17.210000,	0.0025	
15.860000,		0.0258,	16.540000,		-0.002,	17.220000,		-0.0499,
15.870000,	0.041		16.550000,	0.023		17.230000,	0.0083	
15.880000,		-0.0138,	16.560000,		0.0557,	17.240000,		-0.0165,
15.890000,	0.0196		16.570000,	0.0652		17.250000,	-0.0321	
15.900000,		-0.0595,	16.580000,		0.0458,	17.260000,		0.0302,
15.910000,	-0.0435		16.590000,	-0.0089		17.270000,	-0.0283	
15.920000,		-0.0589,	16.600000,		0.0935,	17.280000,		0.107,
15.930000,	0.0912		16.610000,	0.0148		17.290000,	0.0702	
15.940000,		0.0449,	16.620000,		-0.028,	17.300000,		0.0546,
15.950000,	0.0637		16.630000,	0.0085		17.310000,	0.0501	
15.960000,		0.14,	16.640000,		-0.0477,	17.320000,		0.032,
15.970000,	0.0979		16.650000,	-0.109		17.330000,	0.0359	
15.980000,		0.123,	16.660000,		-0.0512,	17.340000,		0.0281,
15.990000,	0.0361		16.670000,	-0.063		17.350000,	0.0979	
16.000000,		0.0642,	16.680000,		-0.079,	17.360000,		0.1,
16.010000,	-0.0167		16.690000,	-0.0475		17.370000,	0.101	
16.020000,		0.0782,	16.700000,		-0.051,	17.380000,		0.0695,
16.030000,	-0.0202		16.710000,	0.0703		17.390000,	0.0897	
16.040000,		0.0384,	16.720000,		-0.0222,	17.400000,		0.104,
16.050000,	-0.0171		16.730000,	-0.0251		17.410000,	0.0903	
16.060000,		-0.0439,	16.740000,		-0.135,	17.420000,		0.0371,
16.070000,	-0.0561		16.750000,	-0.0242		17.430000,	0.0297	
16.080000,		-0.021,	16.760000,		-0.084,	17.440000,		0.0075,

17.450000,	0.0541		18.130000,	0.0334		18.810000,	0.0093	
17.460000,		0.0047,	18.140000,		0.0388,	18.820000,		0.025,
17.470000,	0.0496		18.150000,	0.0474		18.830000,	0.0138	
17.480000,		-0.0055,	18.160000,		0.031,	18.840000,		-0.0136,
17.490000,	-0.0319		18.170000,	0.0426		18.850000,	0.0032	
17.500000,		-0.0656,	18.180000,		0.018,	18.860000,		0.0162,
17.510000,	0.0335		18.190000,	0.0683		18.870000,	-0.0193	
17.520000,		-0.0276,	18.200000,		-0.0394,	18.880000,		-0.043,
17.530000,	-0.0189		18.210000,	0.0145		18.890000,	-0.0639	
17.540000,		0.0135,	18.220000,		-0.0464,	18.900000,		-0.046,
17.550000,	0.062		18.230000,	0.0021		18.910000,	-0.0667	
17.560000,		-0.0147,	18.240000,		0.0182,	18.920000,		-0.033,
17.570000,	-0.0315		18.250000,	-0.0021		18.930000,	-0.0316	
17.580000,		-0.0097,	18.260000,		0.0438,	18.940000,		-0.0143,
17.590000,	-0.0168		18.270000,	0.0633		18.950000,	-0.0328	
17.600000,		-0.0572,	18.280000,		0.034,	18.960000,		-0.0489,
17.610000,	-0.0486		18.290000,	-0.0116		18.970000,	0.0149	
17.620000,		-0.0859,	18.300000,		-0.0034,	18.980000,		-0.0503,
17.630000,	-0.098		18.310000,	0.0369		18.990000,	-0.0487	
17.640000,		-0.0712,	18.320000,		0.018,	19.000000,		0.013,
17.650000,	-0.116		18.330000,	0.0297		19.010000,	-0.0545	
17.660000,		-0.0756,	18.340000,		-0.0019,	19.020000,		0.0332,
17.670000,	-0.0561		18.350000,	0.0586		19.030000,	0.0177	
17.680000,		-0.0531,	18.360000,		0.0722,	19.040000,		0.014,
17.690000,	0.0079		18.370000,	0.0741		19.050000,	-0.0001	
17.700000,		-0.0352,	18.380000,		0.0421,	19.060000,		0.0048,
17.710000,	-0.0301		18.390000,	-0.0338		19.070000,	-0.0308	
17.720000,		-0.0902,	18.400000,		0.0262,	19.080000,		-0.0173,
17.730000,	-0.0777		18.410000,	0.0555		19.090000,	0.0052	
17.740000,		-0.0549,	18.420000,		-0.0375,	19.100000,		0.027,
17.750000,	-0.0324		18.430000,	-0.0028		19.110000,	0.0259	
17.760000,		-0.0673,	18.440000,		-0.0438,	19.120000,		-0.0032,
17.770000,	-0.0549		18.450000,	-0.0319		19.130000,	-0.0035	
17.780000,		-0.0158,	18.460000,		-0.0412,	19.140000,		0.0475,
17.790000,	-0.019		18.470000,	0.0012		19.150000,	0.0627	
17.800000,		0.0027,	18.480000,		0.0096,	19.160000,		0.0904,
17.810000,	-0.0091		18.490000,	-0.0094		19.170000,	0.0598	
17.820000,		-0.0188,	18.500000,		-0.0364,	19.180000,		0.0774,
17.830000,	-0.0555		18.510000,	-0.0618		19.190000,	0.0704	
17.840000,		-0.0168,	18.520000,		-0.0502,	19.200000,		0.0529,
17.850000,	-0.0382		18.530000,	-0.0329		19.210000,	0.101	
17.860000,		-0.0077,	18.540000,		-0.0302,	19.220000,		0.0374,
17.870000,	-0.0455		18.550000,	-0.0606		19.230000,	0.0864	
17.880000,		-0.0456,	18.560000,		-0.0141,	19.240000,		0.0513,
17.890000,	-0.0174		18.570000,	-0.0128		19.250000,	0.0743	
17.900000,		0.0419,	18.580000,		0.0256,	19.260000,		0.0048,
17.910000,	0.0127		18.590000,	-0.0031		19.270000,	0.0485	
17.920000,		-0.0051,	18.600000,		0.0249,	19.280000,		0.024,
17.930000,	0.0299		18.610000,	0.011		19.290000,	-0.0089	
17.940000,		-0.0403,	18.620000,		-0.0166,	19.300000,		0.0564,
17.950000,	-0.0115		18.630000,	-0.0513		19.310000,	0.0032	
17.960000,		-0.0145,	18.640000,		-0.0125,	19.320000,		0.0246,
17.970000,	-0.0321		18.650000,	-0.0599		19.330000,	-0.002	
17.980000,		-0.0074,	18.660000,		-0.0249,	19.340000,		0.0643,
17.990000,	0.003		18.670000,	0.0036		19.350000,	0.0247	
18.000000,		0.0309,	18.680000,		0.0146,	19.360000,		0.031,
18.010000,	-0.0082		18.690000,	0.0124		19.370000,	0.0319	
18.020000,		0.0169,	18.700000,		-0.03,	19.380000,		0.0393,
18.030000,	-0.026		18.710000,	-0.032		19.390000,	0.0717	
18.040000,		-0.0234,	18.720000,		-0.0703,	19.400000,		0.001,
18.050000,	0.0154		18.730000,	-0.0566		19.410000,	0.0381	
18.060000,		0.0118,	18.740000,		-0.0341,	19.420000,		0.0197,
18.070000,	-0.0338		18.750000,	-0.0066		19.430000,	0.0057	
18.080000,		-0.0037,	18.760000,		-0.0535,	19.440000,		-0.0218,
18.090000,	-0.042		18.770000,	-0.0158		19.450000,	0.019	
18.100000,		-0.0221,	18.780000,		0.0032,	19.460000,		0.0288,
18.110000,	0.0003		18.790000,	-0.0431		19.470000,	-0.0155	
18.120000,		-0.0466,	18.800000,		0.0657,	19.480000,		0.0124,

19.490000,	-0.0115		20.170000,	-0.0082		20.850000,	0.0004	
19.500000,		-0.0076,	20.180000,		0.0727,	20.860000,		0.0022,
19.510000,	-0.0062		20.190000,	0.0342		20.870000,	-0.0105	
19.520000,		-0.0184,	20.200000,		0.0366,	20.880000,		-0.0103,
19.530000,	0.0245		20.210000,	0.0305		20.890000,	-0.0263	
19.540000,		-0.0389,	20.220000,		0.0508,	20.900000,		0.0222,
19.550000,	-0.0121		20.230000,	0.0302		20.910000,	0.02	
19.560000,		-0.0146,	20.240000,		0.0309,	20.920000,		-0.0185,
19.570000,	-0.0047		20.250000,	0.0422		20.930000,	-0.0023	
19.580000,		0.0368,	20.260000,		0.0323,	20.940000,		-0.025,
19.590000,	0.0119		20.270000,	0.0532		20.950000,	-0.0069	
19.600000,		0.0081,	20.280000,		0.0192,	20.960000,		-0.0378,
19.610000,	0.0276		20.290000,	0.0551		20.970000,	-0.0149	
19.620000,		0.0261,	20.300000,		0.0176,	20.980000,		-0.0292,
19.630000,	0.0227		20.310000,	0.015		20.990000,	-0.0022	
19.640000,		0.035,	20.320000,		-0.0357,	21.000000,		-0.0067,
19.650000,	0.0111		20.330000,	0.0261		21.010000,	-0.0009	
19.660000,		0.0019,	20.340000,		-0.0253,	21.020000,		0.0019,
19.670000,	0.0333		20.350000,	-0.0152		21.030000,	0.013	
19.680000,		0.0132,	20.360000,		-0.0106,	21.040000,		-0.0071,
19.690000,	-0.0207		20.370000,	0.0153		21.050000,	-0.0133	
19.700000,		-0.0005,	20.380000,		0.0165,	21.060000,		0.0023,
19.710000,	0.0115		20.390000,	0.0173		21.070000,	-0.0083	
19.720000,		-0.024,	20.400000,		0.0226,	21.080000,		-0.0023,
19.730000,	0.022		20.410000,	0.003		21.090000,	-0.019	
19.740000,		-0.005,	20.420000,		-0.0046,	21.100000,		-0.0034,
19.750000,	-0.0085		20.430000,	-0.0019		21.110000,	-0.0068	
19.760000,		-0.0224,	20.440000,		0.0398,	21.120000,		0.0281,
19.770000,	-0.0277		20.450000,	-0.0029		21.130000,	-0.0009	
19.780000,		-0.0201,	20.460000,		0.052,	21.140000,		-0.0224,
19.790000,	-0.0091		20.470000,	0.0091		21.150000,	0.0065	
19.800000,		-0.0679,	20.480000,		0.0184,	21.160000,		-0.0176,
19.810000,	-0.021		20.490000,	0.0242		21.170000,	-0.0088	
19.820000,		-0.0421,	20.500000,		0.0088,	21.180000,		-0.0211,
19.830000,	-0.0424		20.510000,	-0.0153		21.190000,	-0.0063	
19.840000,		-0.0391,	20.520000,		0.0077,	21.200000,		-0.0283,
19.850000,	-0.028		20.530000,	0.0176		21.210000,	-0.0285	
19.860000,		-0.0454,	20.540000,		-0.0012,	21.220000,		-0.0245,
19.870000,	-0.0618		20.550000,	0.0159		21.230000,	-0.0005	
19.880000,		-0.0465,	20.560000,		-0.0022,	21.240000,		0.0082,
19.890000,	-0.0618		20.570000,	0.0159		21.250000,	-0.0145	
19.900000,		-0.0117,	20.580000,		-0.0043,	21.260000,		0.0175,
19.910000,	-0.0204		20.590000,	0.0313		21.270000,	-0.0265	
19.920000,		0.0046,	20.600000,		0.0212,	21.280000,		-0.0187,
19.930000,	-0.0422		20.610000,	0.0144		21.290000,	-0.0052	
19.940000,		-0.0009,	20.620000,		0.0075,	21.300000,		-0.0097,
19.950000,	-0.0326		20.630000,	-0.0004		21.310000,	0.0017	
19.960000,		-0.0049,	20.640000,		-0.0153,	21.320000,		0.0322,
19.970000,	-0.0233		20.650000,	0.0033		21.330000,	0.0057	
19.980000,		-0.011,	20.660000,		-0.0291,	21.340000,		0.0185,
19.990000,	0.0239		20.670000,	0.0068		21.350000,	0.018	
20.000000,		-0.0027,	20.680000,		0.012,	21.360000,		0.0116,
20.010000,	-0.0113		20.690000,	0.0193		21.370000,	0.0093	
20.020000,		0.0101,	20.700000,		-0.0091,	21.380000,		-0.0205,
20.030000,	0.0205		20.710000,	0.0019		21.390000,	0.0199	
20.040000,		0.0098,	20.720000,		-0.0131,	21.400000,		-0.0156,
20.050000,	0.0198		20.730000,	-0.0129		21.410000,	-0.0021	
20.060000,		-0.0199,	20.740000,		-0.0004,	21.420000,		0.0108,
20.070000,	-0.0009		20.750000,	-0.0022		21.430000,	0.0049	
20.080000,		-0.0303,	20.760000,		0.0153,	21.440000,		-0.0022,
20.090000,	0.006		20.770000,	0.0249		21.450000,	0.0306	
20.100000,		0.0041,	20.780000,		-0.0136,	21.460000,		0.0173,
20.110000,	0.0276		20.790000,	-0.002		21.470000,	0.0231	
20.120000,		0.0166,	20.800000,		-0.0313,	21.480000,		0.0157,
20.130000,	0.0232		20.810000,	-0.0101		21.490000,	0.0248	
20.140000,		0.0223,	20.820000,		-0.0132,	21.500000,		0.0057,
20.150000,	-0.0072		20.830000,	-0.0557		21.510000,	0.0217	
20.160000,		0.0084,	20.840000,		-0.015,	21.520000,		0.0222,

21.530000,	0.0321		22.210000,	0.0094		22.890000,	0.0066	
21.540000,		0.0036,	22.220000,		0.0015,	22.900000,		-0.0028,
21.550000,	0.0031		22.230000,	0.0024		22.910000,	-0.0048	
21.560000,		-0.0059,	22.240000,		0.0058,	22.920000,		0.0124,
21.570000,	0.0048		22.250000,	0.0023		22.930000,	-0.0031	
21.580000,		0.0014,	22.260000,		0.0145,	22.940000,		0.0082,
21.590000,	0.0212		22.270000,	0.0113		22.950000,	-0.0094	
21.600000,		0.0078,	22.280000,		0.0166,	22.960000,		-0.0008,
21.610000,	-0.0007		22.290000,	0.0102		22.970000,	0.002	
21.620000,		-0.0189,	22.300000,		-0.003,	22.980000,		0.0017,
21.630000,	-0.0132		22.310000,	0.025		22.990000,	0.0039	
21.640000,		-0.0131,	22.320000,		0.0025,	23.000000,		0.0088,
21.650000,	-0.0068		22.330000,	0.0241		23.010000,	0.0069	
21.660000,		-0.0227,	22.340000,		0.0145,	23.020000,		0.0013,
21.670000,	-0.0177		22.350000,	0.015		23.030000,	-0.0027	
21.680000,		-0.0119,	22.360000,		-0.0015,	23.040000,		-0.0046,
21.690000,	-0.0101		22.370000,	0.0058		23.050000,	-0.0101	
21.700000,		-0.0195,	22.380000,		0.0021,	23.060000,		-0.0099,
21.710000,	-0.0339		22.390000,	0.001		23.070000,	0.0027	
21.720000,		-0.0221,	22.400000,		0.0034,	23.080000,		0.0061,
21.730000,	-0.0427		22.410000,	0.0106		23.090000,	0.0027	
21.740000,		-0.0242,	22.420000,		-0.0024,	23.100000,		-0.0034,
21.750000,	-0.0428		22.430000,	-0.0043		23.110000,	-0.0022	
21.760000,		-0.0285,	22.440000,		-0.0132,	23.120000,		-0.0015,
21.770000,	-0.0272		22.450000,	-0.018		23.130000,	-0.0054	
21.780000,		-0.0188,	22.460000,		-0.0097,	23.140000,		-0.0036,
21.790000,	-0.0165		22.470000,	-0.0115		23.150000,	0.0027	
21.800000,		-0.0274,	22.480000,		0.0067,	23.160000,		-0.004,
21.810000,	-0.018		22.490000,	0.0144		23.170000,	0.0019	
21.820000,		0.0046,	22.500000,		0.0129,	23.180000,		-0.0012,
21.830000,	-0.0147		22.510000,	-0.0043		23.190000,	0.0009	
21.840000,		-0.0073,	22.520000,		-0.0001,	23.200000,		-0.0007,
21.850000,	-0.0112		22.530000,	-0.0083		23.210000,	0.0015	
21.860000,		-0.0272,	22.540000,		-0.0124,	23.220000,		0.0043,
21.870000,	-0.0077		22.550000,	-0.0191		23.230000,	0.001	
21.880000,		-0.0029,	22.560000,		-0.0133,	23.240000,		0.0016,
21.890000,	0.0075		22.570000,	-0.0071		23.250000,	-0.0054	
21.900000,		0.0103,	22.580000,		-0.0148,	23.260000,		-0.002,
21.910000,	0.0013		22.590000,	-0.0089		23.270000,	-0.0051	
21.920000,		0.0106,	22.600000,		-0.0096,	23.280000,		0.0032,
21.930000,	0.0038		22.610000,	-0.0148		23.290000,	0.0003	
21.940000,		-0.0048,	22.620000,		-0.0086,	23.300000,		0.0026,
21.950000,	0.0047		22.630000,	-0.0115		23.310000,	0.0034	
21.960000,		0.0061,	22.640000,		-0.0244,	23.320000,		-0.0015,
21.970000,	0.0113		22.650000,	-0.0151		23.330000,	0.0003	
21.980000,		0.0205,	22.660000,		-0.0077,	23.340000,		0.0024,
21.990000,	0.0105		22.670000,	-0.0062		23.350000,	0.0116	
22.000000,		0.0056,	22.680000,		-0.0067,	23.360000,		0.0048,
22.010000,	0.0179		22.690000,	-0.0076		23.370000,	0.0046	
22.020000,		0.0079,	22.700000,		-0.0133,	23.380000,		0.0038,
22.030000,	-0.0028		22.710000,	-0.0039		23.390000,	0.0053	
22.040000,		0.0076,	22.720000,		-0.0095,	23.400000,		0.0031,
22.050000,	-0.0022		22.730000,	-0.0074		23.410000,	-0.0007	
22.060000,		0.0145,	22.740000,		-0.003,	23.420000,		-0.0049,
22.070000,	0.0095		22.750000,	-0.0203		23.430000,	-0.0016	
22.080000,		-0.0004,	22.760000,		-0.0053,	23.440000,		-0.0014,
22.090000,	0.0174		22.770000,	-0.0066		23.450000,	-0.0015	
22.100000,		0.0045,	22.780000,		-0.0057,	23.460000,		-0.0027,
22.110000,	0.0097		22.790000,	-0.014		23.470000,	-0.0055	
22.120000,		0.0107,	22.800000,		-0.0024,	23.480000,		-0.0001,
22.130000,	0.0311		22.810000,	-0.006		23.490000,	-0.0026	
22.140000,		0.0009,	22.820000,		-0.0022,	23.500000,		-0.0032,
22.150000,	0.0067		22.830000,	-0.0059		23.510000,	-0.005	
22.160000,		0.0264,	22.840000,		-0.0112,	23.520000,		-0.0015,
22.170000,	0.015		22.850000,	-0.0036		23.530000,	-0.0013	
22.180000,		0.0023,	22.860000,		-0.0087,	23.540000,		0.0008,
22.190000,	0.0062		22.870000,	-0.0012		23.550000,	-0.0005	
22.200000,		0.0029,	22.880000,		-0.0013,	23.560000,		-0.0012,

23.570000,	0.0001		48.520000,	0.006		49.880000,	-0.0034	
23.580000,		-0.008,	48.540000,		0.006,	49.900000,		-0.0037,
23.590000,	-0.0056		48.560000,	0.006		49.920000,	-0.004	
23.600000,		-0.007,	48.580000,		0.0052,	49.940000,		-0.0043,
23.610000,	-0.0038		48.600000,	0.0045		49.960000,	-0.0046	
23.620000,		-0.0037,	48.620000,		0.0037,	49.980000,		-0.0037,
23.630000,	-0.0033		48.640000,	0.0029		50.000000,	-0.0019	
23.640000,		-0.0063,	48.660000,		0.0018,	50.020000,		-0.0001,
23.650000,	-0.0012		48.680000,	0.0007		50.040000,	0.0018	
23.660000,		-0.0039,	48.700000,		-0.0004,	50.060000,		0.0034,
23.670000,	-0.0007		48.720000,	-0.0015		50.080000,	0.0021	
23.680000,		-0.0034,	48.740000,		-0.0026,	50.100000,		0.0007,
23.690000,	-0		48.760000,	-0.002		50.120000,	-0.0007	
23.700000,		-0.0005,	48.780000,		-0.0012,	50.140000,		-0.0014,
23.710000,	-0.0012		48.800000,	-0.0003		50.160000,	-0.001	
23.720000,		-0.0014,	48.820000,		0.0006,	50.180000,		-0.0007,
23.730000,	-0.0021		48.840000,	0.0005		50.200000,	-0.0003	
23.740000,		0,	48.860000,		-0.0009,	50.220000,		0,
23.750000,	-0.0018		48.880000,	-0.0023		50.240000,	0.0004	
23.760000,		-0.0003,	48.900000,		-0.0024,	50.260000,		0.0007,
23.770000,	-0.0012		48.920000,	-0.002		50.280000,	0.0006	
23.780000,		0.0002,	48.940000,		-0.0016,	50.300000,		0.0002,
23.790000,	-0.002		48.960000,	-0.0013		50.320000,	-0.0003	
23.800000,		-0.0012,	48.980000,		-0.0009,	50.340000,		-0.0007,
23.810000,	-0.0027		49.000000,	-0.0008		50.360000,	-0.0012	
23.820000,		-0.0014,	49.020000,		-0.0014,	50.380000,		-0.0016,
23.830000,	-0		49.040000,	-0.0021		50.400000,	-0.0016	
23.840000,		-0.0015,	49.060000,		-0.0028,	50.420000,		-0.0016,
23.850000,	-0.0006		49.080000,	-0.0034		50.440000,	-0.0016	
23.860000,		-0.001,	49.100000,		-0.0022,	50.460000,		-0.0026,
23.870000,	-0.0014		49.120000,	-0.0009		50.480000,	-0.0039	
23.880000,		-0.0014,	49.140000,		0.0004,	50.500000,		-0.0053,
23.890000,	-0.0001		49.160000,	0.0016		50.520000,	-0.0066	
23.900000,		-0.0005,	49.180000,		0.002,	50.540000,		-0.0079,
23.910000,	-0.0001		49.200000,	0.0014		50.560000,	-0.0093	
23.920000,		-0.0008,	49.220000,		0.0008,	50.580000,		-0.0078,
23.930000,	-0.0012		49.240000,	0.0009		50.600000,	-0.0061	
23.940000,		-0.0009,	49.260000,		0.0014,	50.620000,		-0.0043,
23.950000,	-0.0009		49.280000,	0.0019		50.640000,	-0.0025	
23.960000,		-0.0013,	49.300000,		0.0024,	50.660000,		-0.0008,
23.970000,	-0.0013		49.320000,	0.0021		50.680000,	0.0002	
23.980000,		-0.0013,	49.340000,		0.0016,	50.700000,		-0.0028,
23.990000,	-0.0015		49.360000,	0.0011		50.720000,	-0.0059	
24.000000,		-0.0014,	49.380000,		0.0022,	50.740000,		-0.0089,
48.040000,	0.0082		49.400000,	0.0033		50.760000,	-0.0107	
48.060000,		0.0085,	49.420000,		0.0044,	50.780000,		-0.0057,
48.080000,	0.0087		49.440000,	0.0043		50.800000,	-0.0007	
48.100000,		0.0089,	49.460000,		0.0037,	50.820000,		0.0043,
48.120000,	0.0091		49.480000,	0.0031		50.840000,	0.0051	
48.140000,		0.0094,	49.500000,		0.0025,	50.860000,		-0.0041,
48.160000,	0.0096		49.520000,	0.0019		50.880000,	-0.0133	
48.180000,		0.0098,	49.540000,		0.0013,	50.900000,		-0.0223,
48.200000,	0.0094		49.560000,	0.0011		50.920000,	-0.023	
48.220000,		0.009,	49.580000,		0.001,	50.940000,		-0.0134,
48.240000,	0.0085		49.600000,	0.001		50.960000,	-0.0078	
48.260000,		0.0081,	49.620000,		-0.0012,	50.980000,		-0.0084,
48.280000,	0.0082		49.640000,	-0.0044		51.000000,	-0.009	
48.300000,		0.0085,	49.660000,		-0.0076,	51.020000,		-0.0059,
48.320000,	0.0087		49.680000,	-0.0083		51.040000,	0.0058	
48.340000,		0.009,	49.700000,		-0.0085,	51.060000,		0.0175,
48.360000,	0.0092		49.720000,	-0.0087		51.080000,	0.0198	
48.380000,		0.0085,	49.740000,		-0.0088,	51.100000,		0.0044,
48.400000,	0.0076		49.760000,	-0.009		51.120000,	-0.011	
48.420000,		0.0067,	49.780000,		-0.0092,	51.140000,		-0.0144,
48.440000,	0.0061		49.800000,	-0.0091		51.160000,	-0.0079	
48.460000,		0.0061,	49.820000,		-0.0075,	51.180000,		-0.0014,
48.480000,	0.0061		49.840000,	-0.0058		51.200000,	0.0051	
48.500000,		0.006,	49.860000,		-0.0041,	51.220000,		0.0116,

51.240000,	0.0045		52.600000,	0.007		0.100000,	-0.0004,
51.260000,		-0.006,	52.620000,		0.0054,	0.110000,	0.0062
51.280000,	-0.0165		52.640000,	0.0044		0.120000,	0.0133,
51.300000,		-0.0113,	52.660000,		0.0047,	0.130000,	0.0016
51.320000,	-0.0034		52.680000,	0.0051		0.140000,	0.0047,
51.340000,		-0.0022,	52.700000,		0.0037,	0.150000,	0.0082
51.360000,	-0.0077		52.720000,	0		0.160000,	0.0077,
51.380000,		-0.0117,	52.740000,		-0.0036,	0.170000,	0.0112
51.400000,	-0.0076		52.760000,	-0.0073		0.180000,	0.0241,
51.420000,		-0.0034,	52.780000,		-0.0109,	0.190000,	0.0268
51.440000,	-0.0018		52.800000,	-0.0102		0.200000,	0.0243,
51.460000,		-0.0018,	52.820000,		-0.009,	0.210000,	0.0226
51.480000,	-0.0005		52.840000,	-0.0077		0.220000,	0.0036,
51.500000,		0.0024,	52.860000,		-0.0078,	0.230000,	0.0022
51.520000,	0.0053		52.880000,	-0.0085		0.240000,	-0.0006,
51.540000,		0.0062,	52.900000,		-0.0092,	0.250000,	0.0028
51.560000,	0.0023		52.920000,	-0.0079		0.260000,	-0.0008,
51.580000,		-0.0016,	52.940000,		-0.0049,	0.270000,	0.0093
51.600000,	-0.0055		52.960000,	-0.0019		0.280000,	-0.0115,
51.620000,		-0.0094,	52.980000,		0,	0.290000,	0.0066
51.640000,	-0.0096		53.000000,	-0.0006		0.300000,	-0.0171,
51.660000,		0.001,	53.020000,		-0.0013,	0.310000,	0.0053
51.680000,	0.0117		53.040000,	-0.0002		0.320000,	0.0253,
51.700000,		0.0115,	53.060000,		0.0019,	0.330000,	0.0126
51.720000,	0.0067		53.080000,	0.0039		0.340000,	0.0237,
51.740000,		0.0019,	53.100000,		0.006,	0.350000,	-0.0004
51.760000,	-0.0029		53.120000,	0.0067		0.360000,	0.0087,
51.780000,		-0.0059,	53.140000,		0.0045,	0.370000,	0.0082
51.800000,	-0.0033		53.160000,	0.0023		0.380000,	-0.0155,
51.820000,		-0.0007,	53.180000,		0.0001,	0.390000,	0.0205
51.840000,	0.0005		53.200000,	0.0009		0.400000,	0.008,
51.860000,		-0.0007,	53.220000,		0.0026,	0.410000,	0.0199
51.880000,	-0.0018		53.240000,	0.0043		0.420000,	0.0197,
51.900000,		-0.0029,	53.260000,		0.006,	0.430000,	0.0066
51.920000,	-0.0027		53.280000,	0.0055		0.440000,	0.0197,
51.940000,		-0.0013,	53.300000,		0.005,	0.450000,	0.0261
51.960000,	0		53.320000,	0.0045		0.460000,	0.0006,
51.980000,		0.0015,	53.340000,		0.0054,	0.470000,	-0.0002
52.000000,	0.0044		53.360000,	0.0081		0.480000,	-0.022,
52.020000,		0.0073,	53.380000,		0.0108,	0.490000,	-0.0142
52.040000,	0.0102		53.400000,	0.0135		0.500000,	-0.0484,
52.060000,		0.0068,	53.420000,		0.0141,	0.510000,	-0.0563
52.080000,	0.0033		53.440000,	0.0138		0.520000,	-0.0362,
52.100000,		-0.0001,	53.460000,		0.0124,	0.530000,	-0.0462
52.120000,	-0.0035		53.480000,	0.0098		0.540000,	-0.0265,
52.140000,		-0.0061,	53.500000,		0.0071,	0.550000,	0.0346
52.160000,	-0.0012		53.520000,	0.0045		0.560000,	-0.0608,
52.180000,		0.0038,	53.540000,		0.0022,	0.570000,	-0.0314
52.200000,	0.0087		53.560000,	0.0031		0.580000,	-0.06,
52.220000,		0.0097,	53.580000,		0.004,	0.590000,	-0.0414
52.240000,	0.0033		53.600000,	0.0049		0.600000,	0.0125,
52.260000,		-0.0032,	53.620000,		0.0057,	0.610000,	-0.0676
52.280000,	-0.0062		53.640000,	0.0066		0.620000,	-0.0381,
52.300000,		-0.0042,	53.660000,		0.0075,	0.630000,	-0.039
52.320000,	-0.0023		53.680000,	0.0074		0.640000,	-0.0147,
52.340000,		-0.0009,	53.700000,		0.0054,	0.650000,	-0.0116
52.360000,	-0.0053		53.720000,	0.0033		0.660000,	-0.0232,
52.380000,		-0.009,	FUNC=ES24, 1, 1, 0, 1, 9.806,		0.670000,	0.0053	
52.400000,	-0.0087		0.000000,		0.0018,	0.680000,	-0.0312,
52.420000,		-0.0084,	0.010000,	0.0027		0.690000,	-0.0104
52.440000,	-0.0081		0.020000,		0.0034,	0.700000,	0.0019,
52.460000,		-0.0079,	0.030000,	0.0028		0.710000,	0.0232
52.480000,	-0.0069		0.040000,		0.0035,	0.720000,	0.0477,
52.500000,		-0.0049,	0.050000,	0.0019		0.730000,	0.0113
52.520000,	-0.003		0.060000,		-0.0026,	0.740000,	0.0657,
52.540000,		-0.0011,	0.070000,	-0.0042		0.750000,	0.0225
52.560000,	0.0021		0.080000,		-0.0035,	0.760000,	0.0118,
52.580000,		0.0054,	0.090000,	0.0017		0.770000,	0.0053

0.780000,	-0.0348,	1.460000,	-0.135,	2.140000,	0.106,
0.790000, 0.0055		1.470000, -0.0899		2.150000, 0.0059	
0.800000,	0.0558,	1.480000,	-0.0781,	2.160000,	0.0865,
0.810000, 0.0334		1.490000, 0.0603		2.170000, 0.124	
0.820000,	0.0394,	1.500000,	0.023,	2.180000,	0.129,
0.830000, 0.0607		1.510000, 0.0756		2.190000, 0.111	
0.840000,	0.0545,	1.520000,	0.0989,	2.200000,	0.0554,
0.850000, 0.113		1.530000, 0.0352		2.210000, 0.0054	
0.860000,	0.029,	1.540000,	0.114,	2.220000,	-0.0154,
0.870000, 0.0849		1.550000, 0.108		2.230000, 0.0774	
0.880000,	0.0042,	1.560000,	0.15,	2.240000,	-0.0035,
0.890000, -0.049		1.570000, 0.105		2.250000, 0.0204	
0.900000,	-0.0031,	1.580000,	0.0594,	2.260000,	-0.0047,
0.910000, -0.0409		1.590000, 0.0239		2.270000, 0.0855	
0.920000,	0.0126,	1.600000,	-0.0356,	2.280000,	0.0338,
0.930000, -0.0413		1.610000, 0.0595		2.290000, -0.0294	
0.940000,	-0.104,	1.620000,	-0.0301,	2.300000,	0.15,
0.950000, -0.037		1.630000, 0.0335		2.310000, 0.108	
0.960000,	0.0118,	1.640000,	0.0043,	2.320000,	0.144,
0.970000, -0.031		1.650000, -0.0559		2.330000, 0.121	
0.980000,	0.0081,	1.660000,	-0.0146,	2.340000,	0.104,
0.990000, 0.0176		1.670000, -0.0792		2.350000, 0.104	
1.000000,	0.0263,	1.680000,	0.0577,	2.360000,	0.125,
1.010000, -0.0219		1.690000, 0.0001		2.370000, 0.0626	
1.020000,	-0.0184,	1.700000,	0.0611,	2.380000,	-0.0067,
1.030000, 0.0053		1.710000, 0.0007		2.390000, 0.0692	
1.040000,	-0.0448,	1.720000,	0.0114,	2.400000,	0.121,
1.050000, 0.0074		1.730000, 0.0974		2.410000, 0.126	
1.060000,	0.0102,	1.740000,	0.148,	2.420000,	0.138,
1.070000, -0.079		1.750000, 0.0379		2.430000, 0.0764	
1.080000,	-0.0269,	1.760000,	0.0088,	2.440000,	-0.0238,
1.090000, -0.0805		1.770000, 0.0177		2.450000, -0.0534	
1.100000,	0.0205,	1.780000,	0.0123,	2.460000,	-0.029,
1.110000, -0.0052		1.790000, 0.092		2.470000, -0.131	
1.120000,	-0.0209,	1.800000,	-0.0148,	2.480000,	-0.0824,
1.130000, 0.0006		1.810000, 0.0831		2.490000, -0.142	
1.140000,	-0.0571,	1.820000,	0.0457,	2.500000,	-0.0458,
1.150000, -0.0374		1.830000, -0.0086		2.510000, -0.0995	
1.160000,	0.0799,	1.840000,	0.0088,	2.520000,	-0.0987,
1.170000, 0.0007		1.850000, -0.14		2.530000, -0.0535	
1.180000,	0.0391,	1.860000,	-0.0454,	2.540000,	-0.0292,
1.190000, 0.0381		1.870000, -0.0335		2.550000, 0.044	
1.200000,	0.0036,	1.880000,	-0.0345,	2.560000,	-0.0206,
1.210000, 0.0788		1.890000, 0.0612		2.570000, -0.133	
1.220000,	-0.0131,	1.900000,	0.0093,	2.580000,	-0.0639,
1.230000, 0.0068		1.910000, 0.0002		2.590000, -0.118	
1.240000,	0.0361,	1.920000,	-0.0812,	2.600000,	0.0178,
1.250000, -0.0299		1.930000, -0.0325		2.610000, 0.0424	
1.260000,	-0.0174,	1.940000,	-0.154,	2.620000,	-0.0324,
1.270000, -0.0072		1.950000, -0.107		2.630000, -0.0409	
1.280000,	0.0004,	1.960000,	-0.127,	2.640000,	-0.0355,
1.290000, 0.0991		1.970000, -0.0897		2.650000, 0.0177	
1.300000,	0.0236,	1.980000,	-0.136,	2.660000,	-0.0142,
1.310000, 0.126		1.990000, -0.0923		2.670000, 0.023	
1.320000,	0.0423,	2.000000,	-0.127,	2.680000,	0.04,
1.330000, 0.0075		2.010000, -0.0972		2.690000, 0.102	
1.340000,	0.0818,	2.020000,	-0.0107,	2.700000,	0.0834,
1.350000, 0.0657		2.030000, -0.0738		2.710000, 0.0821	
1.360000,	0.0471,	2.040000,	0.0649,	2.720000,	0.102,
1.370000, -0.06		2.050000, -0.148		2.730000, 0.0469	
1.380000,	-0.0742,	2.060000,	-0.0687,	2.740000,	0.126,
1.390000, 0.0229		2.070000, -0.0964		2.750000, 0.0492	
1.400000,	-0.0525,	2.080000,	-0.0702,	2.760000,	0.0901,
1.410000, -0.0489		2.090000, -0.0016		2.770000, -0.0201	
1.420000,	-0.0043,	2.100000,	-0,	2.780000,	-0.0007,
1.430000, -0.0494		2.110000, -0.0204		2.790000, 0.032	
1.440000,	-0.0204,	2.120000,	-0.038,	2.800000,	0.0639,
1.450000, -0.135		2.130000, -0.0324		2.810000, 0.0275	

2.820000,	0.033,	3.500000,	-0.0329,	4.180000,	0.0096,
2.830000, 0.112		3.510000, -0.0166		4.190000, -0.0049	
2.840000,	0.0093,	3.520000,	-0.0358,	4.200000,	0.0886,
2.850000, 0.0462		3.530000, -0.072		4.210000, -0.0779	
2.860000,	0.0046,	3.540000,	-0.0413,	4.220000,	-0.0036,
2.870000, 0.119		3.550000, 0.046		4.230000, -0.122	
2.880000,	0.0461,	3.560000,	0.0085,	4.240000,	-0.0163,
2.890000, 0.0462		3.570000, -0.0244		4.250000, -0.13	
2.900000,	0.0012,	3.580000,	-0.0087,	4.260000,	-0.116,
2.910000, -0.0928		3.590000, 0.0221		4.270000, -0.0026	
2.920000,	-0.0233,	3.600000,	0.02,	4.280000,	-0.0293,
2.930000, -0.121		3.610000, 0.0296		4.290000, 0.0461	
2.940000,	-0.0358,	3.620000,	0.0784,	4.300000,	-0.0096,
2.950000, -0.0804		3.630000, 0.0651		4.310000, -0.0292	
2.960000,	-0.1,	3.640000,	-0.0246,	4.320000,	-0.0363,
2.970000, -0.0715		3.650000, 0.0539		4.330000, 0.0096	
2.980000,	-0.112,	3.660000,	0.0748,	4.340000,	-0.0036,
2.990000, 0.0194		3.670000, 0.0846		4.350000, 0.0011	
3.000000,	-0.0417,	3.680000,	-0.0035,	4.360000,	0.0826,
3.010000, 0.0487		3.690000, -0.0201		4.370000, 0.0617	
3.020000,	0.0841,	3.700000,	0.0024,	4.380000,	-0.012,
3.030000, -0.0681		3.710000, 0.0453		4.390000, 0.0609	
3.040000,	0.0415,	3.720000,	0.0958,	4.400000,	0.123,
3.050000, -0.107		3.730000, 0.153		4.410000, 0.0939	
3.060000,	-0.0554,	3.740000,	0.098,	4.420000,	-0.0658,
3.070000, 0.034		3.750000, 0.0524		4.430000, 0.0602	
3.080000,	0.0326,	3.760000,	0.0533,	4.440000,	-0.0421,
3.090000, -0.0187		3.770000, -0.0607		4.450000, 0.0342	
3.100000,	0.0131,	3.780000,	-0.0093,	4.460000,	-0.0581,
3.110000, -0.004		3.790000, -0.0917		4.470000, 0.129	
3.120000,	0.0644,	3.800000,	-0.0932,	4.480000,	0.0483,
3.130000, 0.052		3.810000, 0.0503		4.490000, 0.0801	
3.140000,	-0.0809,	3.820000,	-0.0554,	4.500000,	-0.0432,
3.150000, -0.0191		3.830000, -0.0061		4.510000, -0.0737	
3.160000,	-0.126,	3.840000,	0.0992,	4.520000,	0.0562,
3.170000, -0.151		3.850000, -0.0094		4.530000, -0.0961	
3.180000,	-0.154,	3.860000,	0.0734,	4.540000,	0.0131,
3.190000, -0.125		3.870000, 0.124		4.550000, 0.0448	
3.200000,	-0.132,	3.880000,	0.121,	4.560000,	0.097,
3.210000, -0.103		3.890000, 0.139		4.570000, 0.048	
3.220000,	-0.107,	3.900000,	0.0914,	4.580000,	0.0755,
3.230000, -0.129		3.910000, 0.113		4.590000, 0.0965	
3.240000,	-0.0932,	3.920000,	0.135,	4.600000,	0.0344,
3.250000, -0.148		3.930000, 0.113		4.610000, 0.0115	
3.260000,	-0.109,	3.940000,	0.133,	4.620000,	0.0486,
3.270000, 0.0639		3.950000, 0.0258		4.630000, 0.0367	
3.280000,	-0.0659,	3.960000,	0.0165,	4.640000,	-0.017,
3.290000, 0.0332		3.970000, 0.0161		4.650000, -0.0829	
3.300000,	-0.0072,	3.980000,	0.0143,	4.660000,	-0.146,
3.310000, 0.118		3.990000, 0.0993		4.670000, -0.0353	
3.320000,	-0.0398,	4.000000,	0.0085,	4.680000,	0.0112,
3.330000, -0.104		4.010000, -0.0029		4.690000, -0.0519	
3.340000,	-0.136,	4.020000,	-0.0147,	4.700000,	0.0464,
3.350000, -0.0809		4.030000, -0.0156		4.710000, 0.058	
3.360000,	0.0211,	4.040000,	-0.0064,	4.720000,	-0.0326,
3.370000, 0.0066		4.050000, -0.0077		4.730000, -0.0297	
3.380000,	-0.0197,	4.060000,	0.0332,	4.740000,	-0.0363,
3.390000, -0.0435		4.070000, 0.0262		4.750000, -0.0415	
3.400000,	-0.102,	4.080000,	-0.0441,	4.760000,	-0.0703,
3.410000, -0.146		4.090000, 0.0314		4.770000, -0.0218	
3.420000,	-0.0603,	4.100000,	-0.0831,	4.780000,	0.0087,
3.430000, -0.0914		4.110000, 0.0232		4.790000, -0.0934	
3.440000,	-0.054,	4.120000,	-0.131,	4.800000,	-0.0438,
3.450000, -0.0496		4.130000, -0.0317		4.810000, -0.0226	
3.460000,	-0.107,	4.140000,	0.0032,	4.820000,	-0.0033,
3.470000, -0.0205		4.150000, 0.0319		4.830000, 0.0235	
3.480000,	-0.117,	4.160000,	-0.038,	4.840000,	-0.0502,
3.490000, -0.0665		4.170000, 0.0699		4.850000, 0.0682	

4.860000,	-0.0065,	5.540000,	0.0228,	6.220000,	0.0363,
4.870000, 0.0172		5.550000, 0.116		6.230000, -0.0484	
4.880000,	0.0484,	5.560000,	0.124,	6.240000,	-0.0135,
4.890000, 0.099		5.570000, 0.135		6.250000, 0.012	
4.900000,	0.0827,	5.580000,	0.0942,	6.260000,	0.0737,
4.910000, -0.0203		5.590000, 0.0396		6.270000, -0.0711	
4.920000,	0.114,	5.600000,	0.121,	6.280000,	-0.132,
4.930000, 0.0334		5.610000, 0.0944		6.290000, -0.0206	
4.940000,	0.0816,	5.620000,	0.137,	6.300000,	-0.0773,
4.950000, 0.0546		5.630000, 0.118		6.310000, -0.0888	
4.960000,	-0.0887,	5.640000,	0.0494,	6.320000,	0.0189,
4.970000, -0.0538		5.650000, 0.147		6.330000, -0.118	
4.980000,	-0.09,	5.660000,	0.0342,	6.340000,	-0.112,
4.990000, -0.0593		5.670000, 0.0438		6.350000, -0.145	
5.000000,	0.009,	5.680000,	0.113,	6.360000,	-0.124,
5.010000, 0.0087		5.690000, -0.0274		6.370000, 0.0061	
5.020000,	0.101,	5.700000,	0.0394,	6.380000,	-0.0638,
5.030000, 0.0167		5.710000, -0.0084		6.390000, -0.0657	
5.040000,	-0.0603,	5.720000,	-0.0431,	6.400000,	-0.0278,
5.050000, 0.0197		5.730000, 0.0477		6.410000, 0.0628	
5.060000,	0.0185,	5.740000,	0.114,	6.420000,	0.138,
5.070000, -0.0155		5.750000, 0.14		6.430000, 0.139	
5.080000,	0.109,	5.760000,	0.115,	6.440000,	0.136,
5.090000, 0.0691		5.770000, 0.122		6.450000, 0.101	
5.100000,	0.0499,	5.780000,	0.113,	6.460000,	0.0039,
5.110000, -0.0134		5.790000, 0.12		6.470000, 0.038	
5.120000,	0.0608,	5.800000,	0.131,	6.480000,	0.0117,
5.130000, 0.0565		5.810000, 0.102		6.490000, -0.0447	
5.140000,	-0.104,	5.820000,	0.0803,	6.500000,	0.0846,
5.150000, -0.0667		5.830000, 0.0856		6.510000, 0.105	
5.160000,	-0.109,	5.840000,	0.0474,	6.520000,	0.143,
5.170000, -0.0946		5.850000, 0.0502		6.530000, -0.0022	
5.180000,	-0.0209,	5.860000,	0.0435,	6.540000,	-0.0208,
5.190000, -0.0757		5.870000, -0.0305		6.550000, 0.0296	
5.200000,	-0.0051,	5.880000,	-0.0063,	6.560000,	-0.0346,
5.210000, -0.0707		5.890000, -0.0724		6.570000, 0.0686	
5.220000,	-0.006,	5.900000,	-0.0448,	6.580000,	0.0557,
5.230000, -0.0582		5.910000, -0.0932		6.590000, 0.0529	
5.240000,	-0.0014,	5.920000,	-0.115,	6.600000,	0.126,
5.250000, 0.03		5.930000, -0.0908		6.610000, -0.0674	
5.260000,	-0.067,	5.940000,	-0.0885,	6.620000,	0.0678,
5.270000, -0.069		5.950000, -0.101		6.630000, 0.053	
5.280000,	-0.0987,	5.960000,	-0.0308,	6.640000,	0.0264,
5.290000, -0.15		5.970000, -0.0984		6.650000, 0.0333	
5.300000,	-0.108,	5.980000,	-0.0505,	6.660000,	0.0504,
5.310000, -0.13		5.990000, -0.11		6.670000, -0.0204	
5.320000,	-0.0815,	6.000000,	-0.0873,	6.680000,	0.0076,
5.330000, -0.028		6.010000, -0.0318		6.690000, 0.0164	
5.340000,	-0.0993,	6.020000,	-0.0121,	6.700000,	-0.0324,
5.350000, -0.137		6.030000, 0.085		6.710000, -0.0616	
5.360000,	-0.0795,	6.040000,	-0.01,	6.720000,	-0.0955,
5.370000, -0.0908		6.050000, 0.0923		6.730000, 0.0005	
5.380000,	0.0204,	6.060000,	-0.0095,	6.740000,	-0.0556,
5.390000, -0.0933		6.070000, -0.0332		6.750000, -0.138	
5.400000,	-0.0376,	6.080000,	0.0385,	6.760000,	-0.144,
5.410000, -0.134		6.090000, 0.0589		6.770000, -0.0557	
5.420000,	-0.138,	6.100000,	0.0643,	6.780000,	-0.0846,
5.430000, -0.0257		6.110000, 0.0591		6.790000, -0.0506	
5.440000,	-0.11,	6.120000,	0.0068,	6.800000,	-0.0495,
5.450000, 0.0754		6.130000, 0.0068		6.810000, -0.0197	
5.460000,	0.0365,	6.140000,	0.0303,	6.820000,	-0.0348,
5.470000, 0.0128		6.150000, -0.0785		6.830000, -0.0394	
5.480000,	0.0832,	6.160000,	0.0457,	6.840000,	-0.0744,
5.490000, 0.0319		6.170000, -0.0313		6.850000, -0.0027	
5.500000,	0.0276,	6.180000,	-0.0278,	6.860000,	-0.0521,
5.510000, -0.0658		6.190000, 0.065		6.870000, -0.11	
5.520000,	0.0301,	6.200000,	-0.0707,	6.880000,	-0.0755,
5.530000, 0.0281		6.210000, -0.0056		6.890000, 0.0074	

6.900000,	-0.0435,	7.580000,	0.0397,	8.260000,	-0.0292,
6.910000, -0.0014		7.590000, 0.0486		8.270000, 0.0677	
6.920000,	0.0928,	7.600000,	0.072,	8.280000,	0.103,
6.930000, 0.0449		7.610000, 0.0617		8.290000, 0.0236	
6.940000,	0.0819,	7.620000,	-0.0158,	8.300000,	-0.0779,
6.950000, -0.0046		7.630000, -0.0077		8.310000, -0.139	
6.960000,	0.133,	7.640000,	-0.0178,	8.320000,	-0.0904,
6.970000, 0.15		7.650000, -0.0498		8.330000, -0.112	
6.980000,	0.11,	7.660000,	-0.0044,	8.340000,	-0.0892,
6.990000, 0.0928		7.670000, -0.0541		8.350000, -0.0537	
7.000000,	0.0871,	7.680000,	0.0665,	8.360000,	0.0476,
7.010000, 0.033		7.690000, -0.0459		8.370000, -0.0152	
7.020000,	0.0329,	7.700000,	-0.117,	8.380000,	0.106,
7.030000, -0.0243		7.710000, -0.0894		8.390000, 0.0171	
7.040000,	0.0382,	7.720000,	-0.0414,	8.400000,	-0.046,
7.050000, 0.0012		7.730000, 0.0984		8.410000, 0.0112	
7.060000,	0.0867,	7.740000,	0.0329,	8.420000,	0.0077,
7.070000, 0.097		7.750000, 0.105		8.430000, 0.0618	
7.080000,	0.0328,	7.760000,	0.0375,	8.440000,	0.0203,
7.090000, -0.018		7.770000, 0.0616		8.450000, -0.0016	
7.100000,	0.0454,	7.780000,	-0.0333,	8.460000,	-0.0641,
7.110000, 0.0586		7.790000, -0.108		8.470000, 0.0537	
7.120000,	0.117,	7.800000,	0.0016,	8.480000,	0.0433,
7.130000, 0.107		7.810000, -0.09		8.490000, -0.0039	
7.140000,	0.0098,	7.820000,	0.0297,	8.500000,	-0.0065,
7.150000, 0.0452		7.830000, -0.0814		8.510000, -0.136	
7.160000,	-0.0464,	7.840000,	-0.0138,	8.520000,	-0.0895,
7.170000, 0.0283		7.850000, -0.0576		8.530000, -0.0557	
7.180000,	0.0087,	7.860000,	-0.14,	8.540000,	-0.141,
7.190000, -0.0353		7.870000, -0.059		8.550000, -0.0577	
7.200000,	0.0351,	7.880000,	-0.109,	8.560000,	-0.115,
7.210000, 0.0666		7.890000, -0.149		8.570000, -0.023	
7.220000,	0.127,	7.900000,	-0.105,	8.580000,	-0.143,
7.230000, -0.0383		7.910000, -0.105		8.590000, -0.0885	
7.240000,	-0.0408,	7.920000,	-0.129,	8.600000,	-0.103,
7.250000, 0.0353		7.930000, -0.148		8.610000, -0.128	
7.260000,	-0.0391,	7.940000,	-0.105,	8.620000,	-0.0671,
7.270000, -0.0432		7.950000, -0.0554		8.630000, -0.0418	
7.280000,	-0.0395,	7.960000,	-0.0639,	8.640000,	0.0098,
7.290000, 0.0636		7.970000, 0.0204		8.650000, -0.0648	
7.300000,	0.0308,	7.980000,	0.038,	8.660000,	0.0681,
7.310000, 0.076		7.990000, -0.0961		8.670000, 0.0095	
7.320000,	0.0149,	8.000000,	0.0653,	8.680000,	0.0155,
7.330000, 0.0354		8.010000, -0.008		8.690000, -0.0144	
7.340000,	-0.0498,	8.020000,	-0.0482,	8.700000,	-0.133,
7.350000, 0.0037		8.030000, 0.0498		8.710000, -0.0853	
7.360000,	-0.0311,	8.040000,	0.0369,	8.720000,	-0.0833,
7.370000, -0.118		8.050000, 0.0872		8.730000, 0.0083	
7.380000,	-0.0495,	8.060000,	0.029,	8.740000,	-0.0148,
7.390000, -0.055		8.070000, 0.115		8.750000, 0.0277	
7.400000,	-0.038,	8.080000,	-0.0026,	8.760000,	0.001,
7.410000, 0.0476		8.090000, -0.0046		8.770000, -0.0286	
7.420000,	-0.065,	8.100000,	0.0386,	8.780000,	-0.0868,
7.430000, 0.126		8.110000, -0.0354		8.790000, -0.0239	
7.440000,	0.0893,	8.120000,	0.0751,	8.800000,	-0.009,
7.450000, 0.0727		8.130000, 0		8.810000, -0.0611	
7.460000,	0.0314,	8.140000,	-0.0439,	8.820000,	-0.0312,
7.470000, -0.0331		8.150000, -0.0351		8.830000, -0.144	
7.480000,	-0.009,	8.160000,	-0.0244,	8.840000,	0.024,
7.490000, -0.0575		8.170000, 0.0033		8.850000, -0.0575	
7.500000,	-0.06,	8.180000,	-0.0101,	8.860000,	-0.0476,
7.510000, -0.0651		8.190000, 0.001		8.870000, 0.0095	
7.520000,	-0.0762,	8.200000,	0.0471,	8.880000,	-0.0413,
7.530000, 0.0022		8.210000, -0.0283		8.890000, 0.034	
7.540000,	-0.0207,	8.220000,	-0.0535,	8.900000,	-0.0598,
7.550000, -0.0121		8.230000, 0.101		8.910000, 0.0633	
7.560000,	0.0199,	8.240000,	0.0222,	8.920000,	0.0542,
7.570000, 0.0364		8.250000, 0.097		8.930000, -0.102	

8.940000,	-0.0728,	9.620000,	-0.0003,	10.300000,	0.0927,
8.950000, -0.103		9.630000, -0.0391		10.310000, 0.0831	
8.960000,	-0.0118,	9.640000,	0.0212,	10.320000,	0.0886,
8.970000, -0.0485		9.650000, 0.0465		10.330000, 0.0467	
8.980000,	0.0147,	9.660000,	0.0301,	10.340000,	0.0436,
8.990000, -0.0154		9.670000, -0.0207		10.350000, 0.0226	
9.000000,	0.067,	9.680000,	-0.044,	10.360000,	0.0208,
9.010000, -0.0399		9.690000, -0.0606		10.370000, -0.0208	
9.020000,	-0.0435,	9.700000,	0.0224,	10.380000,	0.0029,
9.030000, -0.0194		9.710000, 0.0363		10.390000, -0.0024	
9.040000,	-0.0095,	9.720000,	-0.0177,	10.400000,	-0.0563,
9.050000, 0.0306		9.730000, 0.0267		10.410000, -0.0248	
9.060000,	-0.0604,	9.740000,	0.0752,	10.420000,	-0.0292,
9.070000, 0.0469		9.750000, 0.0976		10.430000, -0.0095	
9.080000,	0.0053,	9.760000,	-0.0188,	10.440000,	0.0385,
9.090000, 0.0156		9.770000, 0.0931		10.450000, -0.066	
9.100000,	-0.0229,	9.780000,	0.0913,	10.460000,	-0.076,
9.110000, -0.0147		9.790000, 0.0859		10.470000, -0.137	
9.120000,	0.0486,	9.800000,	0.11,	10.480000,	-0.0699,
9.130000, -0.0447		9.810000, 0.113		10.490000, -0.0879	
9.140000,	0.0383,	9.820000,	0.0698,	10.500000,	-0.094,
9.150000, 0.0867		9.830000, -0.0068		10.510000, 0.0777	
9.160000,	0.0703,	9.840000,	0.0604,	10.520000,	-0.0729,
9.170000, 0.055		9.850000, -0.0189		10.530000, -0.0554	
9.180000,	0.0846,	9.860000,	0.0713,	10.540000,	-0.106,
9.190000, 0.0698		9.870000, -0.0172		10.550000, -0.107	
9.200000,	0.0757,	9.880000,	0.0083,	10.560000,	-0.0486,
9.210000, 0.077		9.890000, 0.13		10.570000, -0.111	
9.220000,	0.0496,	9.900000,	0.0049,	10.580000,	0.0266,
9.230000, 0.102		9.910000, 0.0955		10.590000, 0.0438	
9.240000,	-0.028,	9.920000,	0.0236,	10.600000,	0.003,
9.250000, 0.002		9.930000, 0.0886		10.610000, 0.0396	
9.260000,	0.0707,	9.940000,	0.106,	10.620000,	-0.0198,
9.270000, 0.129		9.950000, 0.009		10.630000, 0.0097	
9.280000,	0.112,	9.960000,	0.131,	10.640000,	-0.0451,
9.290000, 0.111		9.970000, 0.0146		10.650000, -0.0408	
9.300000,	0.117,	9.980000,	0.114,	10.660000,	0.0319,
9.310000, 0.121		9.990000, 0.0605		10.670000, -0.031	
9.320000,	0.124,	10.000000,	0.097,	10.680000,	-0.0444,
9.330000, 0.055		10.010000, 0.0871		10.690000, -0.0358	
9.340000,	-0.0431,	10.020000,	-0.0007,	10.700000,	-0.0497,
9.350000, -0.0278		10.030000, 0.015		10.710000, -0.0601	
9.360000,	-0.0205,	10.040000,	-0.0661,	10.720000,	-0.0166,
9.370000, -0.0042		10.050000, -0.0217		10.730000, 0.0243	
9.380000,	0.0374,	10.060000,	-0.063,	10.740000,	-0.0247,
9.390000, -0.0125		10.070000, 0.0394		10.750000, -0.058	
9.400000,	0.0566,	10.080000,	-0.0868,	10.760000,	0.0476,
9.410000, -0.009		10.090000, -0.0581		10.770000, -0.0767	
9.420000,	-0.0252,	10.100000,	0.0055,	10.780000,	-0.0381,
9.430000, 0.0223		10.110000, 0.0289		10.790000, 0.0276	
9.440000,	-0.0272,	10.120000,	-0.113,	10.800000,	-0.152,
9.450000, -0.0514		10.130000, -0.141		10.810000, 0.0183	
9.460000,	-0.0988,	10.140000,	-0.0916,	10.820000,	-0.0659,
9.470000, -0.0986		10.150000, -0.0986		10.830000, 0.0128	
9.480000,	-0.0963,	10.160000,	-0.0963,	10.840000,	0.0389,
9.490000, -0.1		10.170000, -0.134		10.850000, 0.0365	
9.500000,	-0.104,	10.180000,	-0.0976,	10.860000,	0.0965,
9.510000, -0.0564		10.190000, 0.0073		10.870000, 0.0991	
9.520000,	-0.0515,	10.200000,	0.0372,	10.880000,	0.105,
9.530000, -0.134		10.210000, 0.0016		10.890000, 0.0926	
9.540000,	-0.0917,	10.220000,	0.0201,	10.900000,	-0.0251,
9.550000, -0.0184		10.230000, 0.0061		10.910000, 0.0419	
9.560000,	0.0473,	10.240000,	-0.081,	10.920000,	0.0687,
9.570000, 0.0036		10.250000, -0.0788		10.930000, -0.006	
9.580000,	0.0356,	10.260000,	0.0113,	10.940000,	0.0078,
9.590000, 0.0316		10.270000, -0.0393		10.950000, 0.0201	
9.600000,	-0.0478,	10.280000,	0.0343,	10.960000,	0.0827,
9.610000, 0.0398		10.290000, -0.0036		10.970000, 0.0018	

10.980000,	-0.0682,	11.660000,	-0.0132,	12.340000,	-0.0527,
10.990000, 0.0006		11.670000, -0.0568		12.350000, 0.0237	
11.000000,	-0.09,	11.680000,	0.0224,	12.360000,	0.0556,
11.010000, 0.0323		11.690000, -0.0172		12.370000, 0.0659	
11.020000,	0.0216,	11.700000,	0.0327,	12.380000,	-0.031,
11.030000, 0.0079		11.710000, 0.0371		12.390000, 0.0193	
11.040000,	0.0825,	11.720000,	0.0447,	12.400000,	0.0073,
11.050000, -0.0167		11.730000, 0.0487		12.410000, -0.0187	
11.060000,	0.115,	11.740000,	0.0974,	12.420000,	-0.0152,
11.070000, 0.0129		11.750000, 0.0706		12.430000, -0.0932	
11.080000,	-0.0278,	11.760000,	0.0995,	12.440000,	-0.051,
11.090000, -0.103		11.770000, 0.0385		12.450000, -0.103	
11.100000,	-0.09,	11.780000,	0.0526,	12.460000,	-0.0825,
11.110000, 0.015		11.790000, 0.109		12.470000, -0.0889	
11.120000,	0.08,	11.800000,	0.0943,	12.480000,	-0.128,
11.130000, 0.0935		11.810000, -0.0261		12.490000, -0.0789	
11.140000,	0.0015,	11.820000,	0.0308,	12.500000,	-0.125,
11.150000, -0.0218		11.830000, 0.0031		12.510000, -0.0267	
11.160000,	0.0095,	11.840000,	0.0438,	12.520000,	-0.0267,
11.170000, 0.0103		11.850000, 0.05		12.530000, -0.0651	
11.180000,	-0.0735,	11.860000,	-0.0228,	12.540000,	-0.0421,
11.190000, -0.0073		11.870000, -0.0021		12.550000, -0.0479	
11.200000,	-0.008,	11.880000,	-0.0841,	12.560000,	0.0278,
11.210000, -0.0593		11.890000, 0.0459		12.570000, -0.102	
11.220000,	0.0404,	11.900000,	-0.0152,	12.580000,	-0.0531,
11.230000, 0.0349		11.910000, -0.0044		12.590000, 0.0349	
11.240000,	0.0647,	11.920000,	-0.0493,	12.600000,	-0.0148,
11.250000, 0.008		11.930000, -0.0072		12.610000, 0.0412	
11.260000,	0.0382,	11.940000,	0.0389,	12.620000,	-0.0167,
11.270000, 0.101		11.950000, -0.0941		12.630000, -0.0168	
11.280000,	0.0015,	11.960000,	-0.141,	12.640000,	-0.0089,
11.290000, 0.0788		11.970000, -0.105		12.650000, 0.0598	
11.300000,	0.0562,	11.980000,	0.0071,	12.660000,	-0.0344,
11.310000, 0.108		11.990000, -0.0785		12.670000, 0.0332	
11.320000,	0.0823,	12.000000,	0.0039,	12.680000,	-0.0523,
11.330000, 0.0273		12.010000, -0.0875		12.690000, 0.0061	
11.340000,	-0.0262,	12.020000,	-0.0833,	12.700000,	-0.0679,
11.350000, 0.0753		12.030000, -0.011		12.710000, -0.0079	
11.360000,	0.0048,	12.040000,	-0.0182,	12.720000,	-0.0407,
11.370000, 0.027		12.050000, 0.0237		12.730000, -0.0026	
11.380000,	0.0306,	12.060000,	-0.13,	12.740000,	0.0023,
11.390000, 0.0038		12.070000, -0.0576		12.750000, -0.0426	
11.400000,	0.02,	12.080000,	0.0337,	12.760000,	-0.0253,
11.410000, -0.0355		12.090000, -0.0741		12.770000, -0.0398	
11.420000,	-0.0245,	12.100000,	0.0237,	12.780000,	0.03,
11.430000, 0.0225		12.110000, -0.111		12.790000, -0.0342	
11.440000,	-0.0466,	12.120000,	-0.0347,	12.800000,	0.0085,
11.450000, 0.0302		12.130000, -0.035		12.810000, -0.0193	
11.460000,	-0.0373,	12.140000,	-0.0643,	12.820000,	0.039,
11.470000, 0.0796		12.150000, 0.0487		12.830000, -0.0134	
11.480000,	0.116,	12.160000,	0.0365,	12.840000,	-0.0333,
11.490000, 0.0853		12.170000, 0.0478		12.850000, 0.0004	
11.500000,	0.0952,	12.180000,	0.0463,	12.860000,	0.021,
11.510000, 0.0993		12.190000, 0.139		12.870000, 0.072	
11.520000,	0.0598,	12.200000,	0.108,	12.880000,	0.146,
11.530000, 0.0716		12.210000, 0.123		12.890000, 0.116	
11.540000,	0.0242,	12.220000,	0.0774,	12.900000,	0.108,
11.550000, 0.0879		12.230000, 0.09		12.910000, 0.0894	
11.560000,	-0.0539,	12.240000,	0.0835,	12.920000,	0.11,
11.570000, -0.0751		12.250000, 0.0293		12.930000, 0.131	
11.580000,	-0.0198,	12.260000,	-0.0058,	12.940000,	0.112,
11.590000, 0.0196		12.270000, 0.0689		12.950000, 0.128	
11.600000,	0.13,	12.280000,	0.103,	12.960000,	0.15,
11.610000, 0.0257		12.290000, 0.0641		12.970000, 0.102	
11.620000,	-0.0517,	12.300000,	0.056,	12.980000,	0.128,
11.630000, -0.0411		12.310000, 0.0964		12.990000, 0.0245	
11.640000,	-0.113,	12.320000,	0.0094,	13.000000,	-0.0441,
11.650000, -0.0759		12.330000, 0.0546		13.010000, -0.0022	

13.020000,	-0.0519,	13.700000,	0.08,	14.380000,	-0.0643,
13.030000, -0.0184		13.710000, 0.0668		14.390000, -0.0873	
13.040000,	-0.139,	13.720000,	0.032,	14.400000,	-0.0192,
13.050000, -0.0654		13.730000, -0.0209		14.410000, -0.105	
13.060000,	-0.0541,	13.740000,	-0.0042,	14.420000,	-0.001,
13.070000, -0.0699		13.750000, -0.0174		14.430000, -0.0321	
13.080000,	0.0157,	13.760000,	-0.0035,	14.440000,	0.0664,
13.090000, -0.0791		13.770000, -0.0113		14.450000, 0.0691	
13.100000,	-0.057,	13.780000,	0.0298,	14.460000,	0.101,
13.110000, -0.103		13.790000, -0.0766		14.470000, 0.123	
13.120000,	-0.136,	13.800000,	-0.0633,	14.480000,	0.138,
13.130000, -0.0482		13.810000, -0.0795		14.490000, 0.0903	
13.140000,	-0.0908,	13.820000,	-0.0512,	14.500000,	0.101,
13.150000, -0.0645		13.830000, -0.0249		14.510000, 0.113	
13.160000,	-0.0383,	13.840000,	-0.0298,	14.520000,	0.123,
13.170000, -0.0315		13.850000, -0.0862		14.530000, 0.154	
13.180000,	0.0126,	13.860000,	-0.11,	14.540000,	0.0899,
13.190000, -0.0474		13.870000, -0.0722		14.550000, 0.0508	
13.200000,	-0.0627,	13.880000,	-0.0107,	14.560000,	0.0874,
13.210000, -0.0115		13.890000, -0.0189		14.570000, 0.0912	
13.220000,	-0.121,	13.900000,	0.0658,	14.580000,	0.109,
13.230000, -0.104		13.910000, 0.0197		14.590000, 0.111	
13.240000,	-0.105,	13.920000,	-0.0046,	14.600000,	0.0741,
13.250000, -0.137		13.930000, 0.0008		14.610000, 0.105	
13.260000,	-0.0764,	13.940000,	0.0251,	14.620000,	0.0412,
13.270000, -0.0768		13.950000, 0.0802		14.630000, 0.0784	
13.280000,	-0.0003,	13.960000,	0.029,	14.640000,	0.0994,
13.290000, -0.0591		13.970000, 0.132		14.650000, 0.0946	
13.300000,	-0.0631,	13.980000,	0.0294,	14.660000,	-0.0058,
13.310000, -0.0914		13.990000, 0.0118		14.670000, 0.0443	
13.320000,	-0.0849,	14.000000,	-0.0366,	14.680000,	-0.0343,
13.330000, -0.0031		14.010000, -0.0864		14.690000, -0.0619	
13.340000,	-0.103,	14.020000,	0.0612,	14.700000,	-0.0672,
13.350000, -0.0594		14.030000, 0.0303		14.710000, -0.0664	
13.360000,	-0.0659,	14.040000,	-0.0109,	14.720000,	-0.0125,
13.370000, -0.0125		14.050000, 0.0625		14.730000, -0.025	
13.380000,	0.0134,	14.060000,	0.0099,	14.740000,	0.0513,
13.390000, -0.0376		14.070000, -0.0196		14.750000, 0.0051	
13.400000,	0.067,	14.080000,	0.0484,	14.760000,	-0.0658,
13.410000, -0.013		14.090000, 0.052		14.770000, -0.038	
13.420000,	0.0605,	14.100000,	0.084,	14.780000,	-0.0359,
13.430000, 0.0162		14.110000, 0.0495		14.790000, -0.061	
13.440000,	-0.0043,	14.120000,	0.0798,	14.800000,	-0.082,
13.450000, -0.0531		14.130000, 0.0813		14.810000, -0.03	
13.460000,	-0.0118,	14.140000,	0.0557,	14.820000,	-0.0165,
13.470000, -0.093		14.150000, 0.0341		14.830000, -0.0718	
13.480000,	-0.0364,	14.160000,	0.0101,	14.840000,	-0.0599,
13.490000, 0.0188		14.170000, 0.0167		14.850000, -0.0939	
13.500000,	-0.0429,	14.180000,	-0.0239,	14.860000,	0.0143,
13.510000, 0.0816		14.190000, -0.0746		14.870000, -0.0115	
13.520000,	-0.0296,	14.200000,	-0.0377,	14.880000,	0.0407,
13.530000, 0.0555		14.210000, 0.0302		14.890000, 0.0641	
13.540000,	-0.0151,	14.220000,	-0.0232,	14.900000,	0.0261,
13.550000, -0.0328		14.230000, 0.0302		14.910000, -0.0028	
13.560000,	0.0108,	14.240000,	0.0176,	14.920000,	-0.0202,
13.570000, 0.0027		14.250000, -0.0034		14.930000, 0.0302	
13.580000,	0.0822,	14.260000,	-0.0108,	14.940000,	-0.0004,
13.590000, 0.0069		14.270000, -0.0361		14.950000, -0.0207	
13.600000,	0.0729,	14.280000,	-0.0293,	14.960000,	-0.0055,
13.610000, 0.0803		14.290000, -0.0761		14.970000, -0.0211	
13.620000,	0.0666,	14.300000,	-0.0103,	14.980000,	-0.0437,
13.630000, 0.043		14.310000, -0.039		14.990000, -0.0507	
13.640000,	0.0314,	14.320000,	-0.104,	15.000000,	-0.0732,
13.650000, 0.0291		14.330000, -0.0823		15.010000, -0.0678	
13.660000,	-0.0254,	14.340000,	-0.121,	15.020000,	-0.0917,
13.670000, 0.0992		14.350000, -0.0861		15.030000, -0.093	
13.680000,	0.0699,	14.360000,	-0.126,	15.040000,	-0.123,
13.690000, 0.0992		14.370000, -0.072		15.050000, -0.135	

15.060000,	-0.0765,	15.740000,	-0.0242,	16.420000,	-0.0911,
15.070000, -0.0958		15.750000, -0.0953		16.430000, -0.0744	
15.080000,	-0.0068,	15.760000,	-0.0829,	16.440000,	-0.0887,
15.090000, -0.0036		15.770000, -0.0052		16.450000, -0.0204	
15.100000,	-0.0213,	15.780000,	-0.047,	16.460000,	0.0049,
15.110000, -0.0205		15.790000, 0.0159		16.470000, -0	
15.120000,	-0.0597,	15.800000,	0.0519,	16.480000,	-0.0246,
15.130000, -0.0355		15.810000, 0.0092		16.490000, 0.0069	
15.140000,	-0.017,	15.820000,	0.0345,	16.500000,	-0.0295,
15.150000, -0.0045		15.830000, -0.025		16.510000, 0.0038	
15.160000,	0.0276,	15.840000,	0.0592,	16.520000,	-0.0225,
15.170000, 0.063		15.850000, 0.0248		16.530000, 0.0265	
15.180000,	0.118,	15.860000,	0.0256,	16.540000,	-0.0447,
15.190000, 0.0654		15.870000, 0.028		16.550000, -0.0284	
15.200000,	0.0393,	15.880000,	0.0092,	16.560000,	0.0463,
15.210000, -0.0305		15.890000, 0.0445		16.570000, -0.0527	
15.220000,	-0.0217,	15.900000,	-0.0096,	16.580000,	0.0308,
15.230000, 0.0121		15.910000, 0.0191		16.590000, 0.0019	
15.240000,	0.0097,	15.920000,	0.0247,	16.600000,	-0.0296,
15.250000, 0.0922		15.930000, -0.025		16.610000, 0.0013	
15.260000,	0.0415,	15.940000,	0.0486,	16.620000,	-0.0815,
15.270000, 0.0539		15.950000, 0.0279		16.630000, -0.0264	
15.280000,	0.0197,	15.960000,	0.06,	16.640000,	-0.053,
15.290000, 0.0044		15.970000, 0.0835		16.650000, -0.0591	
15.300000,	-0.0611,	15.980000,	0.0219,	16.660000,	-0.03,
15.310000, -0.0154		15.990000, 0.0038		16.670000, -0.0991	
15.320000,	-0.006,	16.000000,	0.0267,	16.680000,	-0.0552,
15.330000, -0.0365		16.010000, -0.0037		16.690000, -0.0321	
15.340000,	0.0687,	16.020000,	-0.0066,	16.700000,	-0.0713,
15.350000, -0.0099		16.030000, 0.0441		16.710000, -0.0238	
15.360000,	0.013,	16.040000,	0.111,	16.720000,	-0.0158,
15.370000, 0.0329		16.050000, 0.103		16.730000, 0.0094	
15.380000,	-0.0223,	16.060000,	0.064,	16.740000,	0.0421,
15.390000, 0.0764		16.070000, 0.0718		16.750000, -0.0211	
15.400000,	0.0539,	16.080000,	0.0447,	16.760000,	0.002,
15.410000, 0.0886		16.090000, 0.0543		16.770000, -0.0207	
15.420000,	0.0905,	16.100000,	0.0427,	16.780000,	-0.0505,
15.430000, 0.0665		16.110000, 0.0227		16.790000, 0.0502	
15.440000,	0.106,	16.120000,	0.0985,	16.800000,	0.0196,
15.450000, 0.098		16.130000, 0.0337		16.810000, 0.0646	
15.460000,	0.0964,	16.140000,	0.0195,	16.820000,	0.0161,
15.470000, 0.109		16.150000, 0.041		16.830000, -0.0132	
15.480000,	0.0236,	16.160000,	0.0257,	16.840000,	0.0297,
15.490000, 0.0245		16.170000, 0.0334		16.850000, -0.0269	
15.500000,	-0.0732,	16.180000,	-0.0132,	16.860000,	-0.0257,
15.510000, -0.0375		16.190000, 0.0223		16.870000, -0.0081	
15.520000,	-0.0231,	16.200000,	0.0097,	16.880000,	-0.026,
15.530000, -0.0335		16.210000, -0.0028		16.890000, -0.059	
15.540000,	0.0096,	16.220000,	-0.002,	16.900000,	-0.0796,
15.550000, -0.0555		16.230000, -0.0257		16.910000, -0.0976	
15.560000,	-0.0611,	16.240000,	-0.045,	16.920000,	-0.0265,
15.570000, -0.0206		16.250000, -0.0351		16.930000, -0.0529	
15.580000,	-0.0219,	16.260000,	-0.0285,	16.940000,	-0.0742,
15.590000, 0.0231		16.270000, -0.0363		16.950000, -0.0594	
15.600000,	0.0766,	16.280000,	-0.0311,	16.960000,	-0.0741,
15.610000, 0.0753		16.290000, -0.0643		16.970000, -0.0636	
15.620000,	0.0377,	16.300000,	-0.0724,	16.980000,	-0.0526,
15.630000, -0.0187		16.310000, -0.0233		16.990000, -0.066	
15.640000,	0.0738,	16.320000,	-0.0359,	17.000000,	-0.0088,
15.650000, 0.0041		16.330000, 0.0055		17.010000, -0.0547	
15.660000,	0.0175,	16.340000,	-0.0193,	17.020000,	-0.0135,
15.670000, -0.0421		16.350000, -0.0144		17.030000, -0.0419	
15.680000,	-0.0902,	16.360000,	-0.039,	17.040000,	-0.0521,
15.690000, -0.0699		16.370000, -0.0382		17.050000, -0.0574	
15.700000,	-0.048,	16.380000,	-0.0622,	17.060000,	0.0064,
15.710000, -0.0293		16.390000, -0.0952		17.070000, 0.0054	
15.720000,	-0.0074,	16.400000,	-0.0601,	17.080000,	0.0241,
15.730000, -0.0122		16.410000, -0.101		17.090000, 0.029	

17.100000,	0.0152,	17.780000,	0.0654,	18.460000,	-0.0422,
17.110000, 0.121		17.790000, 0.0794		18.470000, -0.0627	
17.120000,	0.0736,	17.800000,	0.025,	18.480000,	-0.0509,
17.130000, 0.0842		17.810000, 0.0068		18.490000, -0.0167	
17.140000,	-0.0363,	17.820000,	-0.009,	18.500000,	-0.0393,
17.150000, 0.0295		17.830000, -0.016		18.510000, -0.0573	
17.160000,	0.0312,	17.840000,	0.0063,	18.520000,	-0.0044,
17.170000, -0.0145		17.850000, 0.0284		18.530000, -0.0139	
17.180000,	-0.0135,	17.860000,	0.0473,	18.540000,	0.006,
17.190000, -0.0579		17.870000, -0.0293		18.550000, -0.0044	
17.200000,	-0.0597,	17.880000,	-0.0317,	18.560000,	-0.0417,
17.210000, -0.085		17.890000, -0.0565		18.570000, -0.0546	
17.220000,	-0.0788,	17.900000,	-0.0086,	18.580000,	-0.0556,
17.230000, -0.078		17.910000, -0.0092		18.590000, -0.0207	
17.240000,	-0.0426,	17.920000,	-0.0776,	18.600000,	-0.0481,
17.250000, -0.0548		17.930000, -0.0347		18.610000, -0.0348	
17.260000,	-0.0374,	17.940000,	-0.0623,	18.620000,	-0.0337,
17.270000, -0.0338		17.950000, -0.0423		18.630000, -0.0182	
17.280000,	-0.0138,	17.960000,	-0.0434,	18.640000,	-0.0011,
17.290000, -0.0436		17.970000, -0.0602		18.650000, 0.0081	
17.300000,	-0.0391,	17.980000,	-0.0305,	18.660000,	0.0444,
17.310000, 0.0287		17.990000, -0.0302		18.670000, 0.0165	
17.320000,	-0.0056,	18.000000,	-0.0351,	18.680000,	0.0165,
17.330000, -0.0219		18.010000, -0.0217		18.690000, 0.0168	
17.340000,	0.0286,	18.020000,	0.0147,	18.700000,	-0.0028,
17.350000, 0.0354		18.030000, 0.0194		18.710000, 0.0133	
17.360000,	0.0717,	18.040000,	0.0804,	18.720000,	0.0403,
17.370000, 0.0132		18.050000, 0.0504		18.730000, 0.0482	
17.380000,	0.0014,	18.060000,	0.0593,	18.740000,	0.0001,
17.390000, 0.0176		18.070000, 0.0043		18.750000, 0.0393	
17.400000,	0.0266,	18.080000,	-0.0142,	18.760000,	0.006,
17.410000, 0.0268		18.090000, 0.0415		18.770000, -0.0124	
17.420000,	0.0287,	18.100000,	-0.0132,	18.780000,	-0.0154,
17.430000, -0.0162		18.110000, 0.07		18.790000, 0.0177	
17.440000,	-0.0253,	18.120000,	0.0329,	18.800000,	0.0116,
17.450000, -0.0295		18.130000, 0.0653		18.810000, 0.0083	
17.460000,	-0.0159,	18.140000,	0.108,	18.820000,	0,
17.470000, 0.0235		18.150000, 0.0878		18.830000, 0.008	
17.480000,	0.0093,	18.160000,	0.0881,	18.840000,	0.0048,
17.490000, 0.0763		18.170000, 0.0361		18.850000, 0.0074	
17.500000,	0.0688,	18.180000,	0.0619,	18.860000,	-0.0143,
17.510000, 0.0004		18.190000, 0.0551		18.870000, -0.0553	
17.520000,	0.044,	18.200000,	0.0331,	18.880000,	-0.0093,
17.530000, 0.0657		18.210000, 0.0331		18.890000, -0.0513	
17.540000,	0.0776,	18.220000,	0.0045,	18.900000,	0.0175,
17.550000, 0.0592		18.230000, 0.0401		18.910000, 0	
17.560000,	0.0698,	18.240000,	0.0466,	18.920000,	0.011,
17.570000, 0.0889		18.250000, 0.0069		18.930000, 0.0039	
17.580000,	0.0665,	18.260000,	0.0472,	18.940000,	-0.0165,
17.590000, 0.0914		18.270000, 0.0577		18.950000, 0.0136	
17.600000,	0.0539,	18.280000,	0.0649,	18.960000,	-0.0059,
17.610000, 0.0793		18.290000, 0.115		18.970000, -0.0048	
17.620000,	0.0266,	18.300000,	0.105,	18.980000,	-0.0019,
17.630000, 0.026		18.310000, 0.0821		18.990000, -0.0066	
17.640000,	0.0177,	18.320000,	0.0739,	19.000000,	0.0202,
17.650000, -0.0244		18.330000, 0.0145		19.010000, 0.0071	
17.660000,	-0.0191,	18.340000,	0.0536,	19.020000,	0.0163,
17.670000, -0.0318		18.350000, 0.0057		19.030000, 0.0273	
17.680000,	0.0002,	18.360000,	0.0188,	19.040000,	0.108,
17.690000, -0.0292		18.370000, -0.0264		19.050000, 0.0505	
17.700000,	-0.0113,	18.380000,	-0.0491,	19.060000,	0.0597,
17.710000, -0.0127		18.390000, 0.0175		19.070000, 0.0701	
17.720000,	0.0172,	18.400000,	-0.0294,	19.080000,	0.0256,
17.730000, -0.0305		18.410000, 0.0067		19.090000, 0.0402	
17.740000,	-0.0191,	18.420000,	0.0244,	19.100000,	0.0147,
17.750000, -0.0053		18.430000, 0.0164		19.110000, 0.0521	
17.760000,	0.0092,	18.440000,	0.0195,	19.120000,	-0.0019,
17.770000, 0.0593		18.450000, -0.0456		19.130000, 0.0279	

19.140000,	-0.0186,	19.820000,	0.0185,	20.500000,	-0.0496,
19.150000, -0.0285		19.830000, 0.0018		20.510000, -0.046	
19.160000,	-0.0339,	19.840000,	0.0297,	20.520000,	-0.036,
19.170000, -0.0619		19.850000, 0.0616		20.530000, -0.031	
19.180000,	-0.028,	19.860000,	0.067,	20.540000,	-0.0267,
19.190000, -0.0582		19.870000, 0.0662		20.550000, -0.0254	
19.200000,	-0.0188,	19.880000,	0.0375,	20.560000,	-0.0355,
19.210000, -0.0436		19.890000, 0.0477		20.570000, 0.0013	
19.220000,	-0.0539,	19.900000,	0.031,	20.580000,	-0.0136,
19.230000, -0.0245		19.910000, -0.0151		20.590000, -0.0024	
19.240000,	-0.0539,	19.920000,	0.0093,	20.600000,	0.0245,
19.250000, -0.0753		19.930000, -0.0279		20.610000, -0.0079	
19.260000,	-0.0552,	19.940000,	-0.0095,	20.620000,	0.0189,
19.270000, -0.0575		19.950000, -0.0246		20.630000, 0.0447	
19.280000,	-0.0343,	19.960000,	-0.0319,	20.640000,	0.0394,
19.290000, 0.0069		19.970000, -0.0531		20.650000, 0.0531	
19.300000,	0.0053,	19.980000,	-0.0574,	20.660000,	0.0203,
19.310000, 0.0483		19.990000, -0.0472		20.670000, 0.0319	
19.320000,	0.0726,	20.000000,	-0.0225,	20.680000,	0.0252,
19.330000, 0.0854		20.010000, -0.0036		20.690000, 0.0018	
19.340000,	0.0896,	20.020000,	-0.0178,	20.700000,	0.0354,
19.350000, 0.0805		20.030000, -0.0333		20.710000, -0.0212	
19.360000,	0.0702,	20.040000,	-0.0393,	20.720000,	0.0068,
19.370000, 0.0557		20.050000, -0.0475		20.730000, -0.0022	
19.380000,	0.0134,	20.060000,	-0.0723,	20.740000,	-0.0189,
19.390000, 0.0598		20.070000, -0.0238		20.750000, -0.0185	
19.400000,	0.0384,	20.080000,	-0.0031,	20.760000,	-0.0359,
19.410000, 0.0612		20.090000, -0.022		20.770000, 0.0062	
19.420000,	0.0245,	20.100000,	-0.0024,	20.780000,	0.0004,
19.430000, 0.0115		20.110000, -0.0048		20.790000, 0.0032	
19.440000,	0.0159,	20.120000,	-0.0116,	20.800000,	-0.0138,
19.450000, -0.0301		20.130000, 0.0013		20.810000, -0.0247	
19.460000,	-0.0448,	20.140000,	-0.0182,	20.820000,	0.0014,
19.470000, -0.0205		20.150000, -0.0052		20.830000, -0.0177	
19.480000,	-0.0278,	20.160000,	0.0012,	20.840000,	0.0089,
19.490000, -0.0668		20.170000, -0.006		20.850000, -0.0027	
19.500000,	-0.0431,	20.180000,	-0.0598,	20.860000,	-0.0126,
19.510000, -0.0321		20.190000, -0.0453		20.870000, -0.0176	
19.520000,	-0.0673,	20.200000,	-0.0219,	20.880000,	-0.0154,
19.530000, -0.0995		20.210000, -0.0255		20.890000, -0.0027	
19.540000,	-0.097,	20.220000,	-0.0061,	20.900000,	-0.0029,
19.550000, -0.0769		20.230000, -0.0021		20.910000, -0.003	
19.560000,	-0.0857,	20.240000,	0.0044,	20.920000,	0.0151,
19.570000, -0.0923		20.250000, -0.0367		20.930000, 0.0315	
19.580000,	-0.0745,	20.260000,	-0.0334,	20.940000,	0.0368,
19.590000, -0.0468		20.270000, -0.025		20.950000, 0.0761	
19.600000,	-0.0092,	20.280000,	-0.0186,	20.960000,	0.035,
19.610000, -0.019		20.290000, -0.0384		20.970000, 0.0668	
19.620000,	-0.0062,	20.300000,	-0.0194,	20.980000,	0.048,
19.630000, -0.0178		20.310000, -0.0056		20.990000, 0.0079	
19.640000,	-0.0406,	20.320000,	0.0055,	21.000000,	0.0125,
19.650000, -0.0232		20.330000, 0.0092		21.010000, -0.0155	
19.660000,	-0.0237,	20.340000,	0.011,	21.020000,	0.0196,
19.670000, -0.0237		20.350000, 0.0491		21.030000, 0.0162	
19.680000,	-0.0324,	20.360000,	0.006,	21.040000,	0.0003,
19.690000, -0.0196		20.370000, -0.001		21.050000, 0.0053	
19.700000,	-0.0053,	20.380000,	0.0027,	21.060000,	-0.0043,
19.710000, -0.0004		20.390000, -0.0038		21.070000, 0.0031	
19.720000,	0.0188,	20.400000,	0.0065,	21.080000,	0.0039,
19.730000, 0.0087		20.410000, -0.0155		21.090000, -0.0139	
19.740000,	0.0353,	20.420000,	-0.0012,	21.100000,	-0.0305,
19.750000, 0.0213		20.430000, -0.005		21.110000, -0.0485	
19.760000,	0.0035,	20.440000,	-0.0032,	21.120000,	-0.0285,
19.770000, -0.0075		20.450000, 0.0137		21.130000, -0.0275	
19.780000,	-0.019,	20.460000,	-0.0247,	21.140000,	-0.0078,
19.790000, -0.0333		20.470000, 0.0034		21.150000, -0.0146	
19.800000,	-0.0073,	20.480000,	-0.0157,	21.160000,	0.0019,
19.810000, -0.0149		20.490000, -0.0154		21.170000, 0.0117	

21.180000,	0.0237,	21.860000,	0.0163,	22.540000,	0.0076,
21.190000, 0.02		21.870000, 0.0243		22.550000, 0.0187	
21.200000,	0.0168,	21.880000,	0.0059,	22.560000,	0.0031,
21.210000, 0.0327		21.890000, 0.0079		22.570000, 0.0179	
21.220000,	0.0384,	21.900000,	0.0137,	22.580000,	0.0044,
21.230000, 0.0338		21.910000, -0.0043		22.590000, -0.0031	
21.240000,	0.0108,	21.920000,	0.0063,	22.600000,	-0.0002,
21.250000, 0.0137		21.930000, 0.0026		22.610000, -0.0119	
21.260000,	-0.0111,	21.940000,	0.0137,	22.620000,	-0.005,
21.270000, -0.0049		21.950000, 0.0122		22.630000, -0.0151	
21.280000,	-0.0082,	21.960000,	0.0096,	22.640000,	-0.0099,
21.290000, -0.0185		21.970000, 0.0009		22.650000, -0.0084	
21.300000,	-0.0019,	21.980000,	-0.0025,	22.660000,	-0.004,
21.310000, -0.0076		21.990000, 0.0071		22.670000, -0.011	
21.320000,	0.0107,	22.000000,	0.0031,	22.680000,	-0.0159,
21.330000, 0.0222		22.010000, -0.005		22.690000, -0.0132	
21.340000,	0.0195,	22.020000,	0.0032,	22.700000,	-0.0144,
21.350000, -0.0072		22.030000, 0.0029		22.710000, -0.0083	
21.360000,	0.0093,	22.040000,	-0.0161,	22.720000,	-0.0061,
21.370000, 0.0167		22.050000, -0.0004		22.730000, 0.0054	
21.380000,	0.0039,	22.060000,	-0.0163,	22.740000,	-0.001,
21.390000, 0.0095		22.070000, -0.0294		22.750000, 0.0068	
21.400000,	0.0017,	22.080000,	-0.0227,	22.760000,	0.0055,
21.410000, 0.0331		22.090000, -0.0165		22.770000, 0.0021	
21.420000,	0.0246,	22.100000,	-0.0138,	22.780000,	0.011,
21.430000, 0.0228		22.110000, -0.0085		22.790000, 0.002	
21.440000,	0.0386,	22.120000,	-0.0075,	22.800000,	0.0018,
21.450000, 0.0142		22.130000, -0.003		22.810000, 0.0001	
21.460000,	0.0154,	22.140000,	0.0053,	22.820000,	-0,
21.470000, -0.0021		22.150000, -0.0068		22.830000, -0.0005	
21.480000,	-0.0011,	22.160000,	0.0002,	22.840000,	-0.005,
21.490000, -0.0217		22.170000, -0.0184		22.850000, -0.0079	
21.500000,	-0.0355,	22.180000,	-0.0113,	22.860000,	-0.0068,
21.510000, -0.0288		22.190000, -0.0077		22.870000, -0.0003	
21.520000,	-0.0485,	22.200000,	-0.0259,	22.880000,	0.002,
21.530000, -0.041		22.210000, -0.0028		22.890000, 0.0113	
21.540000,	-0.0225,	22.220000,	-0.0134,	22.900000,	0.0079,
21.550000, -0.0066		22.230000, -0.0026		22.910000, 0.0024	
21.560000,	0.0087,	22.240000,	-0.0039,	22.920000,	0.0058,
21.570000, 0.0239		22.250000, -0.0082		22.930000, 0.002	
21.580000,	0.0196,	22.260000,	0.0091,	22.940000,	0.0064,
21.590000, 0.0359		22.270000, -0.0004		22.950000, 0.0028	
21.600000,	0.0397,	22.280000,	0.0078,	22.960000,	0.0006,
21.610000, 0.0221		22.290000, 0.0032		22.970000, 0.0063	
21.620000,	0.0292,	22.300000,	0.0136,	22.980000,	0.0049,
21.630000, 0.0093		22.310000, -0.0017		22.990000, 0.0026	
21.640000,	0.0272,	22.320000,	0.0073,	23.000000,	-0.0057,
21.650000, 0.0237		22.330000, 0.0111		23.010000, -0.0043	
21.660000,	0.0404,	22.340000,	0.0082,	23.020000,	0.0022,
21.670000, 0.035		22.350000, 0.0057		23.030000, 0	
21.680000,	0.0189,	22.360000,	0.0045,	23.040000,	0.0061,
21.690000, 0.0355		22.370000, -0.0018		23.050000, 0.0016	
21.700000,	0.0305,	22.380000,	-0.02,	23.060000,	0.0019,
21.710000, 0.0272		22.390000, -0.0071		23.070000, -0.012	
21.720000,	0.0111,	22.400000,	-0.0144,	23.080000,	-0.0102,
21.730000, 0.0121		22.410000, -0.0166		23.090000, -0.0119	
21.740000,	0.0063,	22.420000,	-0.0001,	23.100000,	-0.0129,
21.750000, -0.0126		22.430000, -0.0028		23.110000, -0.017	
21.760000,	-0.0118,	22.440000,	0.0015,	23.120000,	-0.0118,
21.770000, -0.0157		22.450000, 0.0061		23.130000, -0.0165	
21.780000,	-0.0105,	22.460000,	0.0011,	23.140000,	-0.0117,
21.790000, 0.0059		22.470000, -0.0064		23.150000, -0.0104	
21.800000,	0.0155,	22.480000,	-0.0006,	23.160000,	-0.0097,
21.810000, 0.0074		22.490000, -0.0015		23.170000, -0.001	
21.820000,	0.0118,	22.500000,	0.0063,	23.180000,	-0.0088,
21.830000, 0.0081		22.510000, 0.0015		23.190000, -0.0016	
21.840000,	0.0239,	22.520000,	0.0102,	23.200000,	-0.0044,
21.850000, 0.0348		22.530000, 0.0171		23.210000, -0.0025	

23.220000,	-0.0033,	23.900000,	-0.0013,	49.180000,	0.002,
23.230000, 0.0009		23.910000, -0.0014		49.200000, 0.0014	
23.240000,	-0.0024,	23.920000,	-0.0012,	49.220000,	0.0008,
23.250000, -0.004		23.930000, -0.0013		49.240000, 0.0009	
23.260000,	-0.0093,	23.940000,	-0.0012,	49.260000,	0.0014,
23.270000, -0.0058		23.950000, -0.0012		49.280000, 0.0019	
23.280000,	-0.0076,	23.960000,	-0.0011,	49.300000,	0.0024,
23.290000, -0.0045		23.970000, -0.0013		49.320000, 0.0021	
23.300000,	-0.0086,	23.980000,	-0.0014,	49.340000,	0.0016,
23.310000, -0.0099		23.990000, -0.0015		49.360000, 0.0011	
23.320000,	-0.006,	24.000000,	-0.0016,	49.380000,	0.0022,
23.330000, -0.0056		48.040000, 0.0082		49.400000, 0.0033	
23.340000,	0.0006,	48.060000,	0.0085,	49.420000,	0.0044,
23.350000, -0.0012		48.080000, 0.0087		49.440000, 0.0043	
23.360000,	-0.0044,	48.100000,	0.0089,	49.460000,	0.0037,
23.370000, -0.0073		48.120000, 0.0091		49.480000, 0.0031	
23.380000,	-0.0124,	48.140000,	0.0094,	49.500000,	0.0025,
23.390000, -0.0075		48.160000, 0.0096		49.520000, 0.0019	
23.400000,	-0.0076,	48.180000,	0.0098,	49.540000,	0.0013,
23.410000, -0.0062		48.200000, 0.0094		49.560000, 0.0011	
23.420000,	-0.0029,	48.220000,	0.009,	49.580000,	0.001,
23.430000, -0.0065		48.240000, 0.0085		49.600000, 0.001	
23.440000,	-0.0027,	48.260000,	0.0081,	49.620000,	-0.0012,
23.450000, -0.0004		48.280000, 0.0082		49.640000, -0.0044	
23.460000,	0.0001,	48.300000,	0.0085,	49.660000,	-0.0076,
23.470000, -0.0004		48.320000, 0.0087		49.680000, -0.0083	
23.480000,	0.0022,	48.340000,	0.009,	49.700000,	-0.0085,
23.490000, 0.0011		48.360000, 0.0092		49.720000, -0.0087	
23.500000,	0.0027,	48.380000,	0.0085,	49.740000,	-0.0088,
23.510000, 0.0005		48.400000, 0.0076		49.760000, -0.009	
23.520000,	0.0026,	48.420000,	0.0067,	49.780000,	-0.0092,
23.530000, 0.0034		48.440000, 0.0061		49.800000, -0.0091	
23.540000,	0.0017,	48.460000,	0.0061,	49.820000,	-0.0075,
23.550000, 0.0029		48.480000, 0.0061		49.840000, -0.0058	
23.560000,	-0.0026,	48.500000,	0.006,	49.860000,	-0.0041,
23.570000, 0.0022		48.520000, 0.006		49.880000, -0.0034	
23.580000,	-0.0011,	48.540000,	0.006,	49.900000,	-0.0037,
23.590000, -0.0004		48.560000, 0.006		49.920000, -0.004	
23.600000,	-0.0006,	48.580000,	0.0052,	49.940000,	-0.0043,
23.610000, -0.0024		48.600000, 0.0045		49.960000, -0.0046	
23.620000,	-0.0028,	48.620000,	0.0037,	49.980000,	-0.0037,
23.630000, -0.0065		48.640000, 0.0029		50.000000, -0.0019	
23.640000,	-0.0029,	48.660000,	0.0018,	50.020000,	-0.0001,
23.650000, -0.0033		48.680000, 0.0007		50.040000, 0.0018	
23.660000,	-0.0031,	48.700000,	-0.0004,	50.060000,	0.0034,
23.670000, -0.0049		48.720000, -0.0015		50.080000, 0.0021	
23.680000,	-0.0048,	48.740000,	-0.0026,	50.100000,	0.0007,
23.690000, -0.0021		48.760000, -0.002		50.120000, -0.0007	
23.700000,	-0.0023,	48.780000,	-0.0012,	50.140000,	-0.0014,
23.710000, -0.0024		48.800000, -0.0003		50.160000, -0.001	
23.720000,	-0.0029,	48.820000,	0.0006,	50.180000,	-0.0007,
23.730000, -0.0014		48.840000, 0.0005		50.200000, -0.0003	
23.740000,	-0.0024,	48.860000,	-0.0009,	50.220000,	0,
23.750000, -0.0033		48.880000, -0.0023		50.240000, 0.0004	
23.760000,	-0.001,	48.900000,	-0.0024,	50.260000,	0.0007,
23.770000, -0.0023		48.920000, -0.002		50.280000, 0.0006	
23.780000,	-0.0014,	48.940000,	-0.0016,	50.300000,	0.0002,
23.790000, -0.0029		48.960000, -0.0013		50.320000, -0.0003	
23.800000,	-0.0018,	48.980000,	-0.0009,	50.340000,	-0.0007,
23.810000, -0.0022		49.000000, -0.0008		50.360000, -0.0012	
23.820000,	-0.0021,	49.020000,	-0.0014,	50.380000,	-0.0016,
23.830000, -0.0014		49.040000, -0.0021		50.400000, -0.0016	
23.840000,	-0.0004,	49.060000,	-0.0028,	50.420000,	-0.0016,
23.850000, -0.0014		49.080000, -0.0034		50.440000, -0.0016	
23.860000,	-0.0012,	49.100000,	-0.0022,	50.460000,	-0.0026,
23.870000, -0.0014		49.120000, -0.0009		50.480000, -0.0039	
23.880000,	-0.0007,	49.140000,	0.0004,	50.500000,	-0.0053,
23.890000, -0.001		49.160000, 0.0016		50.520000, -0.0066	

50.540000,	-0.0079,	51.900000,	-0.0029,	53.260000,	0.006,
50.560000, -0.0093		51.920000, -0.0027		53.280000, 0.0055	
50.580000,	-0.0078,	51.940000,	-0.0013,	53.300000,	0.005,
50.600000, -0.0061		51.960000, 0		53.320000, 0.0045	
50.620000,	-0.0043,	51.980000,	0.0015,	53.340000,	0.0054,
50.640000, -0.0025		52.000000, 0.0044		53.360000, 0.0081	
50.660000,	-0.0008,	52.020000,	0.0073,	53.380000,	0.0108,
50.680000, 0.0002		52.040000, 0.0102		53.400000, 0.0135	
50.700000,	-0.0028,	52.060000,	0.0068,	53.420000,	0.0141,
50.720000, -0.0059		52.080000, 0.0033		53.440000, 0.0138	
50.740000,	-0.0089,	52.100000,	-0.0001,	53.460000,	0.0124,
50.760000, -0.0107		52.120000, -0.0035		53.480000, 0.0098	
50.780000,	-0.0057,	52.140000,	-0.0061,	53.500000,	0.0071,
50.800000, -0.0007		52.160000, -0.0012		53.520000, 0.0045	
50.820000,	0.0043,	52.180000,	0.0038,	53.540000,	0.0022,
50.840000, 0.0051		52.200000, 0.0087		53.560000, 0.0031	
50.860000,	-0.0041,	52.220000,	0.0097,	53.580000,	0.004,
50.880000, -0.0133		52.240000, 0.0033		53.600000, 0.0049	
50.900000,	-0.0223,	52.260000,	-0.0032,	53.620000,	0.0057,
50.920000, -0.023		52.280000, -0.0062		53.640000, 0.0066	
50.940000,	-0.0134,	52.300000,	-0.0042,	53.660000,	0.0075,
50.960000, -0.0078		52.320000, -0.0023		53.680000, 0.0074	
50.980000,	-0.0084,	52.340000,	-0.0009,	53.700000,	0.0054,
51.000000, -0.009		52.360000, -0.0053		53.720000, 0.0033	
51.020000,	-0.0059,	52.380000,	-0.009,	*THLDCASE ; Time History Load Cases	
51.040000, 0.0058		52.400000, -0.0087		; NAME=NAME, DESC	
51.060000,	0.0175,	52.420000,	-0.0084,		
51.080000, 0.0198		52.440000, -0.0081		; line 1	
51.100000,	0.0044,	52.460000,	-0.0079,	; iATYPE, iAMETHOD, iTHTYPE,	
51.120000, -0.011		52.480000, -0.0069		ETIME/iISTEP, INC, iOUT, bP-DELTA, [SEQ	
51.140000,	-0.0144,	52.500000,	-0.0049,	LOAD] ; line 2	
51.160000, -0.0079		52.520000, -0.003		; iMDTYPE, [DR-DC], [TIP], [NACP]	
51.180000,	-0.0014,	52.540000,	-0.0011,		
51.200000, 0.0051		52.560000, 0.0021		; line 3(iAMETHOD=1,2)	
51.220000,	0.0116,	52.580000,	0.0054,	; iINCCTRL, bCUMULATE, SCALE,	
51.240000, 0.0045		52.600000, 0.007		[N A C P]	
51.260000,	-0.006,	52.620000,	0.0054,	; line 3(iAMETHOD=3, iINCCTRL=0)	
51.280000, -0.0165		52.640000, 0.0044		; iINCCTRL, bCUMULATE, [DISPL],	
51.300000,	-0.0113,	52.660000,	0.0047,	[N A C P]	
51.320000, -0.0034		52.680000, 0.0051		; line 3(iAMETHOD=3, iINCCTRL=1)	
51.340000,	-0.0022,	52.700000,	0.0037,	; iMODE1, DAMPING1, iMODE2,	
51.360000, -0.0077		52.720000, 0		DAMPING2, ...	
51.380000,	-0.0117,	52.740000,	-0.0036,	; from line 4	
51.400000, -0.0076		52.760000, -0.0073		; [DR-DC] : DALL	
51.420000,	-0.0034,	52.780000,	-0.0109,		
51.440000, -0.0018		52.800000, -0.0102		iMDTYPE=1	
51.460000,	-0.0018,	52.820000,	-0.009,	; : iCOEF, bMASSP, MASSC,	
51.480000, -0.0005		52.840000, -0.0077		bSTIFFP, STIFFC	
51.500000,	0.0024,	52.860000,	-0.0078,	; iMDTYPE=2, iCOEF=1	
51.520000, 0.0053		52.880000, -0.0085		; : iCOEF, iCALC, bMASSP, FP1,	
51.540000,	0.0062,	52.900000,	-0.0092,	DR1, bSTIFFP, FP2, DR2	
51.560000, 0.0023		52.920000, -0.0079		; iMDTYPE=2, iCOEF=2	
51.580000,	-0.0016,	52.940000,	-0.0049,	; [TIP] : iNMM, GAMMA, BETA	
51.600000, -0.0055		52.960000, -0.0019			
51.620000,	-0.0094,	52.980000,	0,	; iAMETHOD=2	
51.640000, -0.0096		53.000000, -0.0006		; [NACP] : bITER, bCONV, MINSSS/iMSTEP,	
51.660000,	0.001,	53.020000,	-0.0013,	iMAXITER, bDN, DN, bFN, FN, bEN, EN,	
51.680000, 0.0117		53.040000, -0.0002		DMUPDATE, iRKM, dTOL ; iATYPE=2	
51.700000,	0.0115,	53.060000,	0.0019,	; [DISPL] : iCTRL, TINC, MNODE, MDIR	
51.720000, 0.0067		53.080000, 0.0039		; [SEQ LOAD] : bSUBSEQ, bEQUI, LCTYPE,	
51.740000,	0.0019,	53.100000,	0.006,	CASE, bKEEP, bDVA	
51.760000, -0.0029		53.120000, 0.0067		NAME=HIS1,	
51.780000,	-0.0059,	53.140000,	0.0045,	2, 1, 1, 24, 0.01, 1, NO, NO	
51.800000, -0.0033		53.160000, 0.0023		1, 0.05, , , , YES, NO, 1e-005, 10,	
51.820000,	-0.0007,	53.180000,	0.0001,	YES, 0.001, NO, , NO, , YES, 0, 1e-008	
51.840000, 0.0005		53.200000, 0.0009		NAME=HIS2,	
51.860000,	-0.0007,	53.220000,	0.0026,	2, 1, 1, 24, 0.01, 1, NO, NO	
51.880000, -0.0018		53.240000, 0.0043		1, 0.05, , , , YES, NO, 1e-005, 10,	

```

YES, 0.001, NO, , NO, , YES, 0, 1e-008
NAME=HIS3,
2, 1, 1, 24, 0.01, 1, NO, NO
1, 0.05, , , , YES, NO, 1e-005, 10,
YES, 0.001, NO, , NO, , YES, 0, 1e-008
NAME=HIS4,
2, 1, 1, 24, 0.01, 1, NO, NO
1, 0.05, , , , YES, NO, 1e-005, 10,
YES, 0.001, NO, , NO, , YES, 0, 1e-008
NAME=HIS5,
2, 1, 1, 24, 0.01, 1, NO, NO
1, 0.05, , , , YES, NO, 1e-005, 10,
YES, 0.001, NO, , NO, , YES, 0, 1e-008
NAME=HIS6,
2, 1, 1, 24, 0.01, 1, NO, NO
1, 0.05, , , , YES, NO, 1e-005, 10,
YES, 0.001, NO, , NO, , YES, 0, 1e-008
NAME=HIS7,
2, 1, 1, 24, 0.01, 1, NO, NO
1, 0.05, , , , YES, NO, 1e-005, 10,
YES, 0.001, NO, , NO, , YES, 0, 1e-008
NAME=HIS8,
2, 1, 1, 24, 0.01, 1, NO, NO
1, 0.05, , , , YES, NO, 1e-005, 10,
YES, 0.001, NO, , NO, , YES, 0, 1e-008
*GROUND-ACC : Ground Acceleration
: THIS, FUNCX, SCALEX, ATIMEX, FUNCY,
SCALEY, ATIMEY, FUNCZ, SCALEZ, ATIMEZ,
ANGLE
HIS8, , 1, 0, ES24, 1, 0, , 1, 0, 0
HIS7, , 1, 0, ES23, 1, 0, , 1, 0, 0
HIS6, , 1, 0, ES22, 1, 0, , 1, 0, 0
HIS5, , 1, 0, ES21, 1, 0, , 1, 0, 0
HIS4, ES24, 1, 0, , 1, 0, , 1, 0, 0
HIS3, ES23, 1, 0, , 1, 0, , 1, 0, 0
HIS2, ES22, 1, 0, , 1, 0, , 1, 0, 0
HIS1, ES21, 1, 0, , 1, 0, , 1, 0, 0
*MVLD CODE : Moving Load Code
: CODE=CODE
CODE=NONE
*LOADCOMB : Combinations
: NAME=NAME, KIND, ACTIVE, bES, iTYPE,
DESC, iSERV-TYPE, nLCOMTYPE : line 1
: ANAL1, LCNAME1, FACT1, ...
: : from line 2
NAME=고정하중, GEN, ACTIVE, 0, 0, , 0,
0
ST, 고정하중, 1, ST, 2차 고정하중, 1
NAME=COM1, GEN, ACTIVE, 0, 1, , 0, 0
TH, HIS1, 1, TH, HIS2, 1, TH, HIS3,
1, TH, HIS4, 1
NAME=COM2, GEN, ACTIVE, 0, 1, , 0, 0
TH, HIS5, 1, TH, HIS6, 1, TH, HIS7,
1, TH, HIS8, 1
*LC-COLOR : Diagram Color for Load
Case
: ANAL, LCNAME, iR1(ALL), iG1(ALL),
iB1(ALL), iR2(MIN), iG2(MIN), iB2(MIN),
iR3(MAX), iG2(MAX), iB2(MAX)
ST, 고정하중, 210, 210, 210, 128, 192, 0,
0, 128, 255
TH, HIS1, 160, 255, 255, 255, 192, 87,
148, 87, 255
TH, HIS2, 255, 0, 128, 255, 192, 87, 85, 0,
192
CB, 고정하중, 255, 128, 0, 163, 160, 255,
210, 210, 210
ST, 2차 고정하중, 192, 0, 192, 192, 0, 192,
192, 128, 0
TH, HIS3, 148, 87, 255, 85, 0, 192, 255,
87, 87
TH, HIS4, 192, 0, 128, 255, 128, 0, 210,
210, 210
TH, HIS5, 85, 192, 0, 148, 87, 255, 192,
128, 0
TH, HIS6, 192, 192, 192, 93, 255, 87, 192,
128, 0
TH, HIS7, 0, 128, 57, 192, 192, 0, 0, 192,
192
TH, HIS8, 160, 255, 255, 78, 0, 255, 160,
255, 255
CB, COM1, 78, 0, 255, 0, 128, 192, 148,
87, 255
CB, COM2, 255, 128, 0, 146, 0, 255, 255,
255, 255
*ANAL-CTRL
: bARDC, bANRC, iITER, TOL, bCSECF,
bTRS, bCRBAR, bTPF, bCSO, bSCS, bCLATS
YES, YES, 20, 0.001, YES, YES, YES, NO,
NO, NO, NO
*EIGEN-CTRL : Eigenvalue Analysis
Control
: TYPE, iFREQ, iITER, iDIM, TOL, bMINMAX,
FRMIN, FRMAX, bSTRUM : TYPE=EIGEN
: TYPE, bINCNL, iGNUM
: TYPE=RITZ(line 1)
: KIND1, CASE1/GROUND1, iNOG1, ...
: TYPE=RITZ(from
line2)
RITZ, NO, 0
GROUND, ACCX, 25, GROUND, ACCY, 25
*DGN-MATL : Modify Steel(Concrete)
Material
: iMAT, TYPE, MNAME, [DATA1]
: STEEL
: iMAT, TYPE, MNAME, [DATA2], [R-DATA],
FCI, bSERV, SHORT, LONG : CONC
: iMAT, TYPE, MNAME, [DATA3], [DATA2],
[R-DATA] : SRC
: iMAT, TYPE, MNAME, [DATA5]
: STEEL(None) &
KSCE-ASD05
: [DATA1] : 1, DB, CODE, NAME or 2,
ELAST, POISN, FU, FY1, FY2, FY3, FY4
: FY5, FY6, AFT, AFT2, AFT3, FY,
AFV, AFV2, AFV3
: [DATA2] : 1, DB, CODE, NAME or 2, FC,
CHK, LAMBDA
: [DATA3] : 1, DB, CODE, NAME or 2,
ELAST, FU, FY1, FY2, FY3, FY4
: FY5, FY6, AFT, AFT2, AFT3,
FY, AFV, AFV2, AFV3
: [DATA4] : 1, DB, CODE, NAME or 2, FC
: [DATA5] : 3, ELAST, POISN, AL1, AL2,
AL3, AL4, AL5, AL6, AL7, AL8, AL9, AL10
: MIN1, MIN2, MIN3
: [R-DATA]: RBCODE, RBMAIN, RBSUB,
FY(R), FYS
1, CONC , C40
KSCE-LSD12(RC),
, NO, 1, , , , 0, 0, 28000, NO, 0, 0
2, CONC , C21
KSCE-LSD12(RC),
, NO, 1, , , , 0, 0, 14700, NO, 0, 0
3, CONC , C24
KSCE-LSD12(RC),
, NO, 1, , , , 0, 0, 16800, NO, 0, 0
4, CONC , C27
KSCE-LSD12(RC),
, NO, 1, , , , 0, 0, 18900, NO, 0, 0
*SECTION MANAGER-GROUP & PART
: Section Manager - Group & Part
: SECT = NO, bSAMEJ
: line
1
: GRPDISIZE, GRPDJSIZE, PARTISIZE,
PARTJSIZE
: line 2
:
: LOOP UTIL (GRPDISIZE,
G R P D J S I Z E )
:
: GROUPID, GROUPNAME,
G R O U P T Y P E
: line n
:
: LOOP UTIL (PARTISIZE, PARTJSIZE)
:
: PARTTYPE, GROUPID, PARTNAME,
PARTSHAPE, bSTIFFENER
: line n
: LINESIZE, LINEINDEX[i].....
: line n
:
: SECT=3, YES
0, 0, 0, 0
SECT=6, YES
0, 0, 0, 0
*SECTION MANAGER-STIFFENER
: Section Manager - Stiffener
: SECT = NO, bSAMEJ
: line
1
: STFNISIZE, STFNJSIZE
: line 2
:
: LOOP UTIL (STFNISIZE, STFNJSIZE)
:
: TYPE, Z, STANDREF, POSLINE,
STANDREFL, NUM, CTC
: line n
: STIFFTYPE, dSIZE(0 ~ 20)
: line n
: LINESIZE, LINEINDEX[i].....
: line n
:
: SECT=3, YES
0, 0
SECT=6, YES
0, 0
*ENDDATA

```