TIME MINS	ANGLE OF ROTATION IN DEGREES																	
	I1	I2	I3	I4	I5	I6	I7	I8	I9	I10	I11	I12	I13	I14	I15	I16	I17	I18
0.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0
1.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.0
2.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.2
3.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.2
4.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.2
5.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.2
6.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.2
7.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.0
8.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.0
9.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.1
10.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	4.9
11.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.0
12.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	5.0
13.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	4.7
14.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	4.9
15.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	4.8
16.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	4.8
17.0	I	0.0	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	-0.1	0.0	0.0	5.0
18.0	I	-0.1	0.0	0.0	0.0	0.0	0.0	0.0	I	0.0	0.0	0.0	0.0	I	-0.1	0.0	0.0	5.0
19.0	I	-0.1	-0.1	0.0	0.0	0.0	0.0	0.0	I	0.1	-0.1	0.0	0.0	I	-0.1	-0.1	0.0	5.5
20.0	I	-0.2	-0.1	0.0	0.0	0.1	0.1	0.0	I	0.1	-0.1	0.0	0.0	I	-0.2	-0.1	0.1	5.0
21.0	I	-0.3	-0.2	0.1	0.0	0.1	0.1	0.0	I	0.2	-0.1	0.0	0.0	I	-0.2	-0.1	0.1	3.2
22.0	I	-0.4	-0.3	0.1	0.0	0.1	0.1	0.0	I	0.3	-0.1	0.0	0.0	I	-0.3	-0.1	0.1	5.0
23.0	I	-0.5	-0.3	0.1	0.0	0.1	0.2	0.0	I	0.4	-0.1	0.0	0.0	I	-0.4	-0.1	0.1	5.0
24.0	I	-0.6	-0.4	0.1	0.0	0.1	0.2	0.0	I	0.5	-0.1	0.0	0.0	I	-0.5	-0.2	0.1	5.6
25.0	I	-0.6	-0.5	0.1	0.0	0.1	0.3	0.0	I	0.7	-0.1	0.0	0.0	I	-0.7	-0.2	0.1	5.4
26.0	I	-0.7	-0.6	0.1	0.0	0.1	0.4	0.0	I	0.8	-0.2	0.0	0.0	I	-0.8	-0.2	0.1	5.4
27.0	I	-0.8	-0.6	0.1	0.0	0.1	0.5	0.0	I	1.0	-0.2	0.0	0.0	I	-0.9	-0.2	0.1	5.2
28.0	I	-0.9	-0.7	0.1	0.0	0.1	0.5	0.0	I	1.1	-0.2	0.0	0.0	I	-1.1	-0.3	0.1	5.7
29.0	I	-1.0	-0.8	0.1	0.0	0.1	0.6	0.0	I	1.3	-0.2	0.0	0.0	I	-1.2	-0.3	0.1	5.3
30.0	I	-1.1	-0.8	0.1	0.0	0.1	0.6	0.0	I	1.3	-0.2	0.0	0.0	I	-1.3	-0.3	0.1	5.0
31.0	I	-1.2	-0.9	0.1	0.0	0.1	-0.8	0.0	I	1.4	-0.2	0.0	0.0	I	-1.3	-0.3	0.1	5.3
32.0	I	-1.3	-1.0	0.1	0.0	0.1	-2.2	0.1	I	1.4	-0.1	0.0	0.0	I	-1.3	-0.3	0.1	5.1
33.0	I	-1.4	-1.1	0.1	0.0	0.1	-3.0	0.1	I	1.5	-0.1	0.0	0.0	I	-1.4	-0.3	0.1	5.6
34.0	I	-1.4	-1.2	0.1	0.0	0.1	-3.5	0.1	I	1.6	-0.1	0.0	0.0	I	-1.4	-0.3	0.1	5.3
35.0	I	-1.5	-1.2	0.1	0.0	0.1	-3.8	0.1	I	1.6	-0.1	0.0	0.0	I	-1.5	-0.3	0.1	5.5
36.0	I	-1.5	-1.3	0.1	0.0	0.1	-4.0	0.1	I	1.6	-0.1	-0.1	0.0	I	-1.5	-0.3	0.1	5.5
37.0	I	-1.5	-1.3	0.1	0.0	0.1	-4.2	0.1	I	1.7	-0.1	-0.1	0.0	I	-1.5	-0.3	0.1	5.0
38.0	I	-1.6	-1.3	0.1	0.0	0.1	-4.3	0.1	I	1.7	-0.1	-0.1	0.0	I	-1.5	-0.3	0.1	5.5
39.0	I	-1.6	-1.4	0.1	0.0	0.1	-4.4	0.1	I	1.7	-0.1	-0.1	0.0	I	-1.5	-0.3	0.1	5.6
40.0	I	-1.7	-1.5	0.1	0.0	0.1	-4.4	0.1	I	1.8	-0.1	-0.1	0.0	I	-1.6	-0.3	0.1	5.9
41.0	I	-1.7	-1.5	0.1	0.0	0.1	-4.5	0.1	I	1.8	-0.2	-0.1	0.0	I	-1.6	-0.3	0.1	5.8
42.0	I	-1.8	-1.6	0.1	0.0	0.1	-4.6	0.1	I	1.8	-0.2	-0.1	0.0	I	-1.6	-0.3	0.1	5.8
43.0	I	-1.8	-1.7	0.1	0.0	0.1	-4.7	0.1	I	1.9	-0.2	-0.1	0.0	I	-1.7	-0.3	0.1	5.7
44.0	I	-1.9	-1.8	0.1	-0.1	0.1	-4.8	0.1	I	1.9	-0.2	-0.1	0.0	I	-1.7	-0.3	0.1	5.7
45.0	I	-1.9	-1.8	0.1	-0.1	0.1	-4.9	0.1	I	2.0	-0.2	-0.2	0.0	I	-1.8	-0.3	0.1	5.4
46.0	I	-2.0	-1.9	0.1	-0.1	0.1	-5.0	0.1	I	2.0	-0.2	-0.2	0.0	I	-1.9	-0.4	0.1	5.6
47.0	I	-2.1	-1.9	0.1	-0.1	0.1	-5.1	0.1	I	2.1	-0.2	-0.3	0.0	I	-1.8	-0.4	0.1	5.3
48.0	I	-2.1	-2.0	0.1	-0.1	0.0	-5.2	0.2	I	2.1	-0.2	-0.3	0.0	I	-1.9	-0.4	0.1	5.5
49.0	I	-2.2	-2.1	0.1	-0.1	0.0	-5.4	0.2	I	2.2	-0.1	-0.4	0.0	I	-2.0	-0.4	0.1	5.3
50.0	I	-2.3	-2.2	0.1	-0.1	0.0	-5.7	0.2	I	2.4	-0.1	-0.5	0.0	I	-2.1	-0.4	0.1	5.8
51.0	I	-2.3	-2.3	0.1	-0.1	0.0	-6.0	0.2	I	2.5	-0.1	-0.5	0.0	I	-2.2	-0.4	0.1	5.3
52.0	I	-2.3	-2.3	0.1	-0.1	0.0	-6.3	0.2	I	2.7	-0.1	-0.6	0.0	I	-2.3	-0.4	0.1	5.2
53.0	I	-2.3	-2.4	0.1	-0.1	0.0	-6.6	0.2	I	2.9	-0.1	-0.7	0.0	I	-2.4	-0.4	0.1	5.3
54.0	I	-2.3	-2.5	0.1	-0.1	0.0	-6.9	0.2	I	3.0	-0.1	-0.7	0.0	I	-2.5	-0.5	0.1	5.6
55.0	I	-2.3	-2.5	0.1	-0.1	0.0	-7.1	0.2	I	3.1	-0.1	-0.8	0.0	I	-2.6	-0.5	0.1	5.3
56.0	I	-2.4	-2.5	0.1	-0.1	0.0	-7.3	0.2	I	3.2	0.0	I	0.0	I	-2.6	-0.5	0.1	5.3
57.0	I	-2.4	-2.6	0.1	-0.2	0.0	-7.4	0.2	I	3.3	0.0	-0.8	0.0	I	-2.7	-0.5	0.1	4.5
58.0	I	-2.4	-2.6	0.1	-0.2	0.0	-7.4	0.2	I	3.4	0.0	-0.9	0.0	I	-2.7	-0.5	0.1	5.2
59.0	I	-2.4	-2.6	0.1	-0.2	0.0	-7.5	0.2	I	3.5	0.0	-0.9	0.0	I	-2.8	-0.5	0.1	5.6
60.0	I	-2.4	-2.6	0.1	-0.2	-0.1	-7.6	0.3	I	3.6	0.0	-0.9	0.0	I	-2.8	-0.5	0.1	5.5
61.0	I	-2.4	-2.6	0.1	-0.2	-0.1	-7.6	0.3	I	3.8	0.0	-0.9	0.0	I	-2.9	-0.5	0.1	5.5
62.0	I	-2.4	-2.6	0.1	-0.2	-0.1	-7.7	0.3	I	4.0	0.0	-1.0	0.1	I	-3.0	-0.5	0.1	5.3
63.0	I	-2.4	-2.6	0.1	-0.2	-0.1	-7.8	0.3	I	4.2	0.0	-1.2	0.1	I	-3.1	-0.5	0.1	5.6
64.0	I	-2.4	-2.6	0.1	-0.2	-0.1	-7.8	0.3	I	4.4	0.0	-1.3	0.1	I	-3.2	-0.5	0.1	5.7
65.0	I	-2.5	-2.6	0.1	-0.2	-0.1	-7.9	0.2	I	4.6	0.0	-1.5	0.1	I	-3.3	-0.5	0.1	5.3
66.0	I	-2.5	-2.7	0.1	-0.2	-0.1	-8.0	0.2	I	4.9	0.0	-1.6	0.1	I	-3.3	-0.4	0.1	5.3

I Not Recorded

Rotation Of The Beams And Columns At The Connections **Table 1.1**

67.0	I	-2.5	-2.7	0.1	-0.2	-0.1	-8.0	0.2	I	5.2	0.0	-1.6	0.1	I	-3.4	-0.3	0.2	5.1
68.0	I	-2.6	-2.7	0.1	-0.2	-0.1	-8.0	0.2	I	5.5	0.0	-1.7	0.1	I	-3.6	-0.3	0.2	5.3
69.0	I	-2.6	-2.6	0.1	-0.2	-0.1	-8.1	0.2	I	5.8	0.0	-1.7	0.1	I	-3.9	-0.2	0.2	5.1
70.0	I	-2.7	-2.6	0.1	-0.2	-0.1	-8.1	0.2	I	6.1	0.0	-1.8	0.1	I	-4.2	-0.2	0.2	5.3
71.0	I	-2.7	-2.7	0.1	-0.2	-0.1	-8.0	0.2	I	6.3	-0.1	-1.8	0.1	I	-4.6	-0.1	0.2	5.4
72.0	I	-2.8	-2.7	0.1	-0.2	-0.1	-8.0	0.2	I	6.5	-0.1	-1.8	0.1	I	-4.9	-0.1	0.2	5.8
73.0	I	-2.9	-2.7	0.1	-0.2	-0.2	-8.0	0.2	I	6.7	-0.1	-1.8	0.1	I	-5.1	-0.1	0.2	5.4
74.0	I	-2.9	-2.8	0.1	-0.3	-0.2	-8.0	0.3	I	6.9	-0.1	-1.8	0.1	I	-5.3	0.0	0.2	5.4
75.0	I	-2.9	-2.8	0.1	-0.3	-0.2	-8.1	0.3	I	7.1	-0.2	-1.7	0.1	I	-5.4	0.0	0.3	5.5
76.0	I	-2.9	-2.8	0.1	-0.3	-0.2	-8.2	0.3	I	7.2	-0.2	-1.6	0.1	I	-5.5	0.0	0.3	5.3
77.0	I	-3.0	-2.8	0.1	-0.3	-0.2	-8.3	0.3	I	7.4	-0.2	-1.6	0.1	I	-5.6	0.1	0.3	5.6
78.0	I	-3.0	-2.9	0.1	-0.3	-0.3	-8.4	0.3	I	7.5	-0.3	-1.6	0.1	I	-5.7	0.1	0.3	5.4
79.0	I	-3.0	-2.9	0.1	-0.3	-0.3	-8.6	0.4	I	7.6	-0.3	-1.5	0.1	I	-5.7	0.1	0.4	5.9
80.0	I	-3.0	-2.9	0.1	-0.3	-0.3	-8.7	0.4	I	7.7	-0.3	-1.5	0.1	I	-5.7	0.2	0.4	5.6
81.0	I	-3.0	-2.9	0.1	-0.3	-0.3	-8.9	0.4	I	7.9	-0.3	-1.5	0.1	I	-5.8	0.2	0.4	5.6
82.0	I	-3.0	-2.9	0.1	-0.3	-0.3	-8.9	0.4	I	7.9	-0.3	-1.5	0.1	I	-5.8	0.2	0.4	5.5
83.0	I	-3.0	-2.8	0.1	-0.3	-0.4	-9.0	0.4	I	8.0	-0.3	-1.5	0.1	I	-5.8	0.2	0.4	6.1
84.0	I	-3.0	-2.8	0.1	-0.4	-0.4	-9.1	0.4	I	8.0	-0.3	-1.5	0.1	I	-5.8	0.2	0.4	5.9
85.0	I	-3.0	-2.8	0.1	-0.4	-0.4	-9.1	0.4	I	7.9	-0.3	-1.5	0.1	I	-5.7	0.3	0.4	5.6
86.0	I	-3.0	-2.8	0.1	-0.4	-0.4	-9.1	0.4	I	7.9	-0.4	-1.5	0.1	I	-5.7	0.3	0.4	6.5
87.0	I	-3.0	-2.8	0.1	-0.4	-0.4	-9.1	0.4	I	7.9	-0.4	-1.5	0.1	I	-5.4	0.3	0.4	5.8
88.0	I	-3.0	-2.8	0.1	-0.4	-0.4	-9.1	0.4	I	7.8	-0.4	-1.6	0.1	I	-5.1	0.3	0.4	5.6
89.0	I	-3.0	-2.7	0.1	-0.4	-0.5	-9.1	0.4	I	7.8	-0.4	-1.6	0.1	I	-4.8	0.3	0.4	5.7
90.0	I	-3.0	-2.7	0.1	-0.4	-0.5	-9.0	0.4	I	7.8	-0.4	-1.6	0.1	I	-4.5	0.3	0.4	5.4
91.0	I	-2.9	-2.7	0.1	-0.4	-0.5	-9.0	0.4	I	7.7	-0.4	-1.5	0.1	I	-4.2	0.3	0.4	5.5
92.0	I	-2.9	-2.6	0.1	-0.4	-0.5	-8.9	0.4	I	7.6	-0.5	-1.5	0.1	I	-3.9	0.3	0.4	-0.3
93.0	I	-2.9	-2.6	0.1	-0.4	-0.5	-8.8	0.3	I	7.6	-0.5	-1.5	0.1	I	-3.7	0.3	0.4	-0.1
94.0	I	-2.9	-2.6	0.1	-0.4	-0.5	-8.8	0.3	I	7.5	-0.5	-1.4	0.1	I	-3.5	0.3	0.4	5.8
95.0	I	-2.9	-2.5	0.1	-0.4	-0.5	-8.7	0.3	I	7.5	-0.5	-1.4	0.2	I	-3.3	0.3	0.4	-0.2
96.0	I	-2.9	-2.5	0.1	-0.4	-0.5	-8.5	0.3	I	7.4	-0.6	-1.4	0.2	I	-3.1	0.3	0.4	5.2
97.0	I	-2.9	-2.6	0.1	-0.5	-0.5	-8.4	0.3	I	7.4	-0.6	-1.4	0.2	I	-3.0	0.3	0.4	5.2
98.0	I	-2.9	-2.6	0.1	-0.5	-0.5	-8.3	0.3	I	7.3	-0.6	-1.4	0.2	I	-3.0	0.3	0.4	5.5
99.0	I	-2.9	-2.6	0.1	-0.5	-0.6	-8.2	0.3	I	7.3	-0.6	-1.3	0.2	I	-3.1	0.3	0.4	6.0
100.0	I	-2.9	-2.7	0.1	-0.5	-0.6	-8.1	0.3	I	7.3	-0.6	-1.4	0.2	I	-3.2	0.3	0.3	5.9
101.0	I	-3.0	-2.7	0.1	-0.5	-0.6	-8.2	0.3	I	7.4	-0.6	-1.4	0.2	I	-3.3	0.2	0.3	5.7
102.0	I	-3.0	-2.7	0.1	-0.5	-0.6	-8.3	0.3	I	7.5	-0.6	-1.4	0.2	I	-3.4	0.2	0.3	5.6
103.0	I	-3.0	-2.8	0.1	-0.5	-0.6	-8.5	0.3	I	7.6	-0.6	-1.5	0.2	I	-3.5	0.2	0.3	5.8
104.0	I	-3.0	-2.8	0.1	-0.5	-0.6	-8.7	0.3	I	7.7	-0.6	-1.5	0.2	I	-3.5	0.2	0.3	5.5
105.0	I	-3.0	-2.8	0.1	-0.5	-0.6	-8.8	0.3	I	7.8	-0.6	-1.6	0.2	I	-3.6	0.2	0.3	5.3
106.0	I	-3.0	-2.8	0.1	-0.5	-0.6	-8.8	0.3	I	7.9	-0.6	-1.6	0.2	I	-3.6	0.2	0.3	6.0
107.0	I	-3.0	-2.8	0.1	-0.5	-0.6	-8.9	0.3	I	8.0	-0.7	-1.6	0.2	I	-3.6	0.2	0.3	5.4
108.0	I	-3.0	-2.8	0.1	-0.5	-0.6	-8.8	0.3	I	8.0	-0.7	-1.6	0.2	I	-3.6	0.2	0.3	5.2
109.0	I	-3.0	-2.8	0.1	-0.5	-0.6	-8.8	0.3	I	8.0	-0.7	-1.6	0.2	I	-3.6	0.2	0.3	5.3
110.0	I	-3.0	-2.8	0.1	-0.5	-0.6	-8.8	0.3	I	8.0	-0.7	-1.6	0.2	I	-3.6	0.2	0.3	5.2
111.0	I	-3.0	-2.7	0.1	-0.5	-0.6	-8.8	0.3	I	8.0	-0.7	-1.6	0.2	I	-3.5	0.2	0.3	5.6
112.0	I	-3.0	-2.7	0.1	-0.5	-0.6	-8.8	0.3	I	8.0	-0.7	-1.6	0.2	I	-3.5	0.2	0.3	5.3
113.0	I	-2.9	-2.7	0.1	-0.5	-0.6	-8.8	0.3	I	8.0	-0.7	-1.5	0.2	I	-3.4	0.2	0.3	5.6
114.0	I	-2.9	-2.7	0.1	-0.5	-0.6	-8.8	0.3	I	8.0	-0.7	-1.5	0.3	I	-3.3	0.2	0.3	5.7
115.0	I	-2.9	-2.6	0.1	-0.5	-0.6	-8.8	0.3	I	8.0	-0.7	-1.5	0.3	I	-3.2	0.2	0.3	5.1
116.0	I	-2.9	-2.6	0.1	-0.5	-0.6	-8.7	0.3	I	8.0	-0.7	-1.5	0.3	I	-3.1	0.2	0.3	5.2
117.0	I	-2.9	-2.6	0.1	-0.5	-0.6	-8.7	0.3	I	7.9	-0.7	-1.5	0.3	I	-2.9	0.2	0.3	5.2
118.0	I	-2.8	-2.6	0.1	-0.5	-0.6	-8.6	0.3	I	7.8	-0.7	-1.5	0.3	I	-2.8	0.2	0.3	5.2
119.0	I	-2.8	-2.5	0.1	-0.5	-0.6	-8.6	0.3	I	7.8	-0.7	-1.4	0.3	I	-2.6	0.2	0.2	5.0
120.0	I	-2.8	-2.5	0.1	-0.5	-0.6	-8.6	0.3	I	7.7	-0.7	-1.4	0.3	I	-2.5	0.2	0.2	5.2
121.0	I	-2.8	-2.5	0.1	-0.5	-0.6	-8.6	0.3	I	7.6	-0.7	-1.4	0.3	I	-2.3	0.3	0.2	5.6
122.0	I	-2.7	-2.4	0.1	-0.5	-0.6	-8.5	0.3	I	7.5	-0.7	-1.4	0.3	I	-2.2	0.3	0.2	5.1
123.0	I	-2.7	-2.4	0.1	-0.5	-0.6	-8.5	0.3	I	7.5	-0.7	-1.3	0.3	I	-2.0	0.3	0.2	5.7
124.0	I	-2.7	-2.4	0.1	-0.5	-0.6	-8.5	0.3	I	7.4	-0.7	-1.3	0.3	I	-1.9	0.3	0.2	0.2
125.0	I	-2.7	-2.4	0.1	-0.5	-0.6	-8.5	0.3	I	7.3	-0.7	-1.3	0.3	I	-1.7	0.3	0.2	5.4
126.0	I	-2.7	-2.3	0.1	-0.5	-0.6	-8.5	0.3	I	7.2	-0.7	-1.3	0.3	I	-1.6	0.3	0.2	5.5
127.0	I	-2.6	-2.3	0.1	-0.5	-0.6	-8.5	0.3	I	7.1	-0.7	-1.3	0.3	I	-1.4	0.3	0.2	5.4
128.0	I	-2.6	-2.3	0.1	-0.5	-0.6	-8.5	0.3	I	7.0	-0.7	-1.2	0.3	I	-1.3	0.3	0.2	5.3
129.0	I	-2.6	-2.2	0.1	-0.5	-0.6	-8.5	0.3	I	7.0	-0.7	-1.2	0.3	I	-1.2	0.3	0.2	4.4
130.0	I	-2.6	-2.2	0.1	-0.5	-0.6	-8.5	0.3	I	6.9	-0.7	-1.2	0.3	I	-1.0	0.3	0.2	4.5
131.0	I	-2.6	-2.2	0.1	-0.5	-0.6	-8.6	0.3	I	6.8	-0.7	-1.2	0.3	I	-0.9	0.3	0.2	4.7
132.0	I	-2.6	-2.2	0.1	-0.5	-0.6	-8.5	0.3	I	6.7	-0.7	-1.2	0.3	I	-0.8	0.3	0.2	4.9
133.0	I	-2.5	-2.1	0.1	-0.5	-0.6	-8.5	0.3	I	6.6	-0.7	-1.2	0.3	I	-0.6	0.3	0.2	4.2
134.0	I	-2.5	-2.1	0.1	-0.5	-0.6	-8.5	0.3	I	6.5	-0.6	-1.1	0.3	I	-0.5	0.3	0.2	4.8
135.0	I	-2.5	-2.1	0.1	-0.5	-0.6	-8.6	0.3	I	6.4	-0.6	-1.1	0.3	I	-0.4	0.3	0.2	4.2
136.0	I	-2.5	-2.1	0.1	-0.5	-0.6	-8.6	0.3	I	6.3	-0.6	-1.1	0.4	I	-0.2	0.3	0.2	4.4

Rotation Of The Beams And Columns At The Connections **Table 1.1**

137.0	I	-2.5	-2.0	0.1	-0.5	-0.6	-8.6	0.3	I	6.2	-0.6	-1.1	0.4	I	-0.1	0.3	0.2	4.2
138.0	I	-2.5	-2.0	0.1	-0.5	-0.6	-8.6	0.3	I	6.1	-0.6	-1.1	0.4	I	0.1	0.3	0.2	4.2
139.0	I	-2.4	-2.0	0.1	-0.5	-0.6	-8.6	0.3	I	6.0	-0.6	-1.1	0.4	I	0.2	0.3	0.2	3.3
140.0	I	-2.4	-2.0	0.1	-0.5	-0.6	-8.6	0.3	I	5.9	-0.6	-1.0	0.4	I	0.4	0.3	0.2	5.1
141.0	I	-2.4	-2.0	0.1	-0.5	-0.6	-8.6	0.3	I	5.8	-0.6	-1.0	0.4	I	0.5	0.3	0.2	4.2
142.0	I	-2.4	-1.9	0.1	-0.5	-0.6	-8.6	0.3	I	5.7	-0.6	-1.0	0.4	I	0.7	0.3	0.2	5.1
143.0	I	-2.4	-1.9	0.1	-0.5	-0.6	-8.5	0.3	I	5.6	-0.6	-1.0	0.4	I	0.8	0.3	0.2	4.1
144.0	I	-2.4	-1.9	0.1	-0.5	-0.6	-8.5	0.3	I	5.6	-0.6	-1.0	0.4	I	1.0	0.3	0.2	4.7
158.0	I	-2.2	-1.7	0.1	-0.5	-0.6	-8.5	0.3	I	4.4	-0.4	-0.8	0.4	I	2.9	0.3	0.2	-0.1
168.0	I	-2.1	-1.5	0.1	-0.5	-0.6	-8.5	0.3	I	3.7	-0.3	-0.7	0.4	I	4.1	0.2	0.2	3.8
178.0	I	-2.1	-1.4	0.1	-0.4	-0.5	-8.6	0.3	I	3.2	-0.3	-0.7	0.4	I	5.1	0.2	0.2	3.4
188.0	I	-2.0	-1.2	0.1	-0.4	-0.5	-8.5	0.3	I	2.7	-0.2	-0.6	0.4	I	5.7	0.2	0.2	3.5
198.0	I	-1.9	-1.2	0.1	-0.4	-0.5	-8.5	0.3	I	2.2	-0.2	-0.5	0.4	I	6.0	0.1	0.2	3.5
208.0	I	-1.9	-1.1	0.1	-0.4	-0.5	-8.5	0.3	I	1.8	-0.1	-0.5	0.3	I	6.1	0.1	0.2	3.4
218.0	I	-1.8	-1.0	0.1	-0.3	-0.4	-8.5	0.3	I	1.4	-0.1	-0.5	0.3	I	6.3	0.1	0.2	2.9
228.0	I	-1.8	-1.0	0.1	-0.3	-0.4	-8.5	0.3	I	1.0	-0.1	-0.5	0.3	I	6.4	0.1	0.2	3.4
238.0	I	-1.8	-0.9	0.1	-0.3	-0.4	-8.6	0.3	I	0.7	-0.1	-0.4	0.3	I	6.5	0.0	0.2	3.6
248.0	I	-1.7	-0.9	0.0	-0.3	-0.4	-8.6	0.3	I	0.7	-0.1	-0.4	0.3	I	6.5	0.0	0.2	3.9
258.0	I	-1.7	-0.9	0.0	-0.3	-0.4	-8.6	0.2	I	0.7	-0.1	-0.4	0.3	I	6.6	0.0	0.2	4.3
268.0	I	-1.7	-0.9	0.0	-0.3	-0.4	-8.9	0.2	I	0.6	-0.1	-0.4	0.2	I	6.7	0.0	0.2	4.2
278.0	I	-1.7	-0.9	0.0	-0.3	-0.4	-8.9	0.2	I	0.6	-0.1	-0.4	0.2	I	6.7	0.0	0.2	3.8
288.0	I	-1.7	-0.9	0.0	-0.3	-0.3	-9.0	0.2	I	0.6	-0.1	-0.4	0.2	I	6.8	0.0	0.2	3.4
298.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.0	0.2	I	0.5	-0.1	-0.4	0.2	I	6.9	0.0	0.1	3.1
308.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.1	0.2	I	0.4	-0.1	-0.4	0.2	I	6.9	0.0	0.1	3.1
318.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.1	0.2	I	0.3	-0.1	-0.4	0.2	I	6.9	0.0	0.1	3.4
328.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.1	0.2	I	0.3	-0.1	-0.4	0.2	I	6.9	-0.1	0.1	3.9
338.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.2	0.2	I	0.2	-0.1	-0.4	0.2	I	6.9	-0.1	0.1	4.2
348.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.2	0.2	I	0.2	-0.1	-0.4	0.2	I	6.9	-0.1	0.1	4.2
358.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.2	0.2	I	0.1	-0.1	-0.4	0.2	I	6.9	-0.1	0.1	4.4
368.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.2	0.2	I	0.1	-0.1	-0.4	0.1	I	6.9	-0.1	0.1	-1.4
378.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.2	0.2	I	0.0	-0.1	-0.4	0.1	I	6.9	-0.1	0.1	4.7
388.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.2	0.2	I	-0.1	-0.1	-0.4	0.1	I	6.9	-0.1	0.1	5.0
398.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.2	0.2	I	-0.2	-0.1	-0.4	0.1	I	6.9	-0.1	0.1	5.2
408.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.2	I	-0.2	-0.1	-0.4	0.1	I	6.9	-0.1	0.1	5.5
418.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.2	I	-0.2	-0.1	-0.4	0.1	I	6.9	-0.1	0.1	5.7
428.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.2	I	-0.3	-0.1	-0.4	0.1	I	6.9	-0.1	0.1	5.8
438.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.2	I	-0.3	-0.1	-0.4	0.1	I	7.0	-0.1	0.1	5.8
448.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.2	I	-0.3	-0.1	-0.4	0.1	I	7.0	-0.1	0.1	6.0
458.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.2	I	-0.4	-0.1	-0.4	0.1	I	7.0	-0.1	0.1	6.0
468.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.1	I	-0.4	-0.1	-0.4	0.1	I	7.0	-0.1	0.1	6.2
478.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.2	I	-0.4	-0.1	-0.4	0.1	I	7.0	-0.1	0.1	6.4
488.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.1	I	-0.5	-0.1	-0.4	0.1	I	7.0	-0.1	0.1	6.7
498.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.1	I	-0.5	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.0
508.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.1	I	-0.5	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.3
518.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.2	I	-0.5	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.3
528.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.3	0.1	I	-0.5	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.6
538.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.4	0.2	I	-0.5	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.5
548.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.4	0.1	I	-0.5	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.6
558.0	I	-1.7	-0.9	0.0	-0.2	-0.3	-9.4	0.1	I	-0.5	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.8
568.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.5	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.9
578.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.5	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.9
588.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.6	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.9
598.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.6	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.9
608.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.6	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.5
618.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.6	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.4
628.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.6	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.2
638.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.6	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.0
648.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.2	I	-0.6	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	7.0
658.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.2	I	-0.6	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	6.7
668.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.6	-0.1	-0.4	0.0	I	7.0	-0.1	0.1	6.5
678.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.6	-0.1	-0.4	0.1	I	7.0	-0.1	0.1	6.4
688.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.7	-0.1	-0.4	0.1	I	7.0	-0.1	0.1	6.3
698.0	I	-1.7	-0.9	0.0	-0.1	-0.3	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	6.0
708.0	I	-1.7	-0.9	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	6.0
718.0	I	-1.7	-0.9	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	5.9
728.0	I	-1.7	-0.9	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	6.0
738.0	I	-1.7	-0.9	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	6.0
748.0	I	-1.7	-0.9	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	5.8
758.0	I	-1.7	-1.0	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	5.8

Rotation Of The Beams And Columns At The Connections Table 1.1

768.0	I	-1.7	-1.0	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	5.8
778.0	I	-1.7	-1.0	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	5.9
788.0	I	-1.7	-1.0	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	5.9
798.0	I	-1.7	-1.0	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	5.8
808.0	I	-1.7	-1.0	0.0	-0.1	-0.2	-9.4	0.1	I	-0.7	-0.1	-0.5	0.1	I	7.0	-0.1	0.1	5.9

Rotation Of The Beams And Columns At The Connections Table 1.1