

200, ../OUTPUT/PA4-E-Debug_Output.txt

1.54	19.70	45.17	1.58	19.54	45.15	0.165
23.60	-11.17	-1.02	23.61	-11.21	-1.00	0.048
-5.37	-1.61	54.87	-5.38	-1.62	54.87	0.014
-33.85	2.05	-40.18	-33.83	2.03	-40.16	0.037
24.13	-14.98	-14.29	24.13	-14.98	-14.29	0.009
28.46	18.07	13.87	28.39	18.02	13.82	0.100
-4.66	13.39	54.28	-4.63	13.38	54.28	0.027
11.35	17.60	-12.78	11.44	17.63	-12.76	0.098
24.32	18.20	22.73	24.33	18.21	22.74	0.014
-30.82	9.28	-21.77	-30.87	9.35	-21.74	0.094
3.92	4.68	63.41	3.92	4.68	63.47	0.053
12.45	27.39	4.10	12.51	27.22	4.07	0.183
21.00	-2.90	35.06	21.09	-2.99	35.10	0.134
26.47	13.16	24.12	26.64	13.26	24.19	0.207
-11.00	-4.45	-46.16	-11.02	-4.46	-46.14	0.039
-42.87	-16.84	-26.10	-42.77	-16.79	-26.10	0.108
-27.87	-28.37	-14.66	-27.88	-28.41	-14.64	0.042
23.38	6.83	-30.25	23.38	6.83	-30.23	0.022
-43.36	-8.06	-29.24	-43.34	-8.06	-29.23	0.021
-27.46	-28.87	-37.38	-27.47	-28.93	-37.40	0.065
-32.79	-17.58	-44.32	-32.81	-17.60	-44.36	0.049
-38.12	3.25	-21.45	-38.17	3.29	-21.43	0.065
-39.88	-18.55	-16.63	-39.84	-18.53	-16.65	0.047
-37.18	-10.92	-43.13	-37.19	-10.92	-43.14	0.015
14.68	17.75	-30.81	14.69	17.76	-30.80	0.014
-37.50	-11.50	-10.47	-37.49	-11.50	-10.47	0.010
30.09	19.57	-18.67	30.19	19.63	-18.70	0.117
-29.79	4.96	-40.20	-29.77	4.92	-40.14	0.071
-7.56	5.60	-31.24	-7.61	5.56	-31.24	0.072
40.34	2.78	-4.48	40.37	2.76	-4.47	0.039
-3.75	-6.20	32.55	-3.72	-6.16	32.54	0.049
16.10	18.98	53.44	16.12	19.00	53.44	0.026
-38.58	-3.71	-13.83	-38.55	-3.73	-13.85	0.042
25.67	-13.96	-14.92	25.66	-13.95	-14.92	0.010
13.95	-5.46	59.96	13.84	-5.29	59.96	0.202
13.34	-10.83	7.90	13.33	-10.82	7.90	0.008
-9.34	5.83	26.54	-9.43	5.79	26.56	0.100
-40.24	-17.07	-16.33	-40.26	-17.08	-16.32	0.030
-8.30	-19.38	-43.47	-8.36	-19.37	-43.39	0.098
-4.08	-4.89	34.45	-4.10	-4.90	34.45	0.023
-1.42	-13.59	-36.65	-1.41	-13.59	-36.65	0.013
30.86	-9.64	-14.52	30.97	-9.72	-14.51	0.138
-24.86	8.20	-16.84	-24.87	8.17	-16.87	0.046
29.24	-11.00	-12.78	29.24	-11.00	-12.77	0.008
-37.07	2.10	-36.93	-36.97	2.01	-36.89	0.136
3.76	-7.07	42.17	3.76	-6.96	42.17	0.110
-21.43	-12.60	-49.06	-21.44	-12.62	-49.06	0.021
-6.36	1.02	41.47	-6.39	1.01	41.47	0.029
14.89	25.35	12.70	14.88	25.28	12.68	0.078
-28.59	-31.49	-26.87	-28.58	-31.46	-26.86	0.023
-4.13	17.56	10.11	-4.02	17.48	10.21	0.171
22.09	-5.57	19.42	22.10	-5.60	19.42	0.030

-14.29	22.32	25.08	-14.38	22.42	25.08	0.139
-26.04	0.08	-45.80	-26.03	0.06	-45.77	0.042
-5.40	7.99	62.57	-5.42	8.00	62.61	0.038
23.45	6.72	45.67	23.28	6.73	45.64	0.178
6.48	24.96	8.39	6.44	25.08	8.40	0.126
-15.03	3.38	-4.78	-15.08	3.44	-4.78	0.077
-10.55	6.06	-36.93	-10.48	6.15	-36.99	0.136
5.96	23.65	21.93	5.95	23.76	21.95	0.110
-6.57	3.98	59.81	-6.68	3.97	59.83	0.107
-10.42	-26.03	-39.18	-10.49	-25.92	-39.10	0.144
-0.61	0.22	-25.24	-0.57	0.25	-25.29	0.069
-19.39	10.10	-36.07	-19.39	10.12	-36.09	0.037
36.98	10.49	8.08	36.96	10.49	8.06	0.023
-7.17	10.73	42.89	-7.00	10.73	42.83	0.175
8.19	23.49	23.66	8.19	23.60	23.68	0.108
-22.32	0.99	-45.68	-22.32	0.99	-45.69	0.011
-15.75	7.60	-39.45	-15.75	7.62	-39.46	0.016
23.07	16.21	31.31	23.05	16.20	31.31	0.019
-28.34	7.08	-38.04	-28.34	7.09	-38.05	0.008
-25.09	-22.03	-7.61	-25.08	-22.05	-7.57	0.053
0.82	10.45	-8.92	0.80	10.51	-8.94	0.069
22.29	20.52	22.70	22.24	20.45	22.68	0.089
25.90	-9.30	2.87	25.91	-9.35	2.88	0.048
-42.46	-13.92	-19.48	-42.39	-13.91	-19.50	0.070
-9.64	-18.52	-44.55	-9.67	-18.52	-44.51	0.053
3.98	-12.52	4.86	3.98	-12.47	4.85	0.047
25.78	-1.17	25.99	25.80	-1.18	26.00	0.020
21.12	16.31	39.60	21.19	16.35	39.60	0.081
-29.87	-30.21	-21.27	-29.90	-30.30	-21.26	0.097
7.51	-3.98	63.33	7.51	-3.97	63.41	0.075
-35.14	-14.04	-8.68	-35.17	-14.04	-8.65	0.038
28.47	-8.47	3.46	28.54	-8.63	3.51	0.182
-29.39	-30.94	-30.40	-29.35	-30.85	-30.38	0.105
-32.32	3.88	-39.36	-32.27	3.84	-39.31	0.080
26.20	17.82	18.00	26.24	17.86	18.01	0.058
29.81	15.07	14.89	29.74	15.03	14.83	0.094
23.16	11.72	43.51	23.04	11.69	43.48	0.131
-0.48	17.45	53.86	-0.49	17.46	53.86	0.015
-4.23	-26.22	-26.29	-4.36	-26.06	-26.26	0.203
-19.91	-14.98	-48.72	-19.92	-14.95	-48.63	0.094
38.79	10.00	2.52	38.92	10.09	2.53	0.156
0.95	-5.39	-27.27	0.86	-5.45	-27.20	0.123
-6.31	9.08	59.46	-6.54	9.15	59.45	0.240
-11.93	8.22	-35.27	-11.96	8.17	-35.26	0.065
15.80	21.30	-29.74	15.81	21.28	-29.70	0.036
24.55	6.60	-30.46	24.54	6.61	-30.36	0.099
-0.10	12.43	-3.39	-0.14	12.54	-3.44	0.127
12.80	20.40	57.42	12.81	20.50	57.43	0.105
-7.80	7.56	38.16	-7.54	7.61	38.16	0.266
10.62	7.13	62.97	10.62	7.14	62.92	0.048
20.62	10.61	61.86	20.57	10.60	61.84	0.054
-27.97	-4.58	-47.62	-27.92	-4.63	-47.53	0.115
17.87	-3.09	51.97	17.84	-3.06	51.96	0.046
-39.78	-16.87	-34.61	-39.83	-16.85	-34.61	0.055

-15.60	-21.08	-8.51	-15.56	-21.14	-8.40	0.131
-7.56	3.31	32.18	-7.44	3.33	32.16	0.125
31.65	19.50	-10.26	31.61	19.46	-10.26	0.057
29.22	16.76	14.11	29.21	16.75	14.10	0.023
-25.53	-27.54	-12.45	-25.53	-27.50	-12.48	0.049
-26.46	-13.86	-6.28	-26.46	-13.86	-6.28	0.001
19.53	-8.27	-23.10	19.52	-8.30	-23.14	0.050
-39.99	1.95	-27.72	-39.92	1.90	-27.71	0.091
-10.52	-23.40	-41.84	-10.49	-23.45	-41.88	0.071
11.98	17.32	-22.27	12.03	17.34	-22.28	0.052
-25.84	-27.62	-12.50	-25.84	-27.54	-12.56	0.102
-26.03	7.84	-37.98	-26.05	7.88	-38.01	0.048
-24.62	9.68	-35.58	-24.65	9.75	-35.61	0.084
0.53	-18.89	-12.81	0.53	-18.92	-12.81	0.026
28.71	18.20	-22.78	28.66	18.16	-22.74	0.076
-5.68	-19.90	-10.44	-5.66	-19.94	-10.38	0.071
-9.42	8.06	-12.59	-9.42	8.06	-12.59	0.009
20.49	-6.63	-24.06	20.49	-6.60	-24.01	0.061
-16.93	-32.32	-26.92	-16.93	-32.34	-26.92	0.025
22.39	10.76	48.26	22.50	10.80	48.28	0.120
-6.21	3.35	-32.33	-6.38	3.28	-32.33	0.183
-6.34	10.29	2.21	-6.36	10.32	2.20	0.037
-37.94	-17.08	-39.98	-38.03	-17.13	-40.05	0.126
1.70	18.49	51.86	1.66	18.64	51.88	0.155
21.41	1.79	50.82	21.48	1.77	50.83	0.077
11.82	26.20	10.49	11.82	26.18	10.48	0.017
6.95	-6.82	40.75	6.95	-6.79	40.75	0.025
11.45	26.92	1.34	11.46	26.89	1.35	0.034
-39.19	-0.59	-36.13	-39.14	-0.62	-36.10	0.060
36.70	7.37	-15.22	36.69	7.37	-15.22	0.007
17.32	21.54	35.56	17.31	21.52	35.56	0.024
38.83	2.71	7.64	38.86	2.70	7.65	0.042
-24.43	-18.51	-6.54	-24.46	-18.52	-6.47	0.077
11.24	21.44	45.17	11.23	21.47	45.18	0.040
-27.51	10.71	-21.29	-27.46	10.58	-21.33	0.141
-20.19	-14.66	-48.01	-20.17	-14.66	-48.01	0.021
14.32	-6.44	25.04	14.34	-6.56	25.05	0.128
31.54	1.75	-26.25	31.55	1.75	-26.26	0.023
-10.53	-7.20	8.00	-10.48	-7.15	7.97	0.077
-11.96	-17.93	-7.06	-11.96	-17.96	-7.03	0.040
29.70	-9.07	-1.10	29.81	-9.22	-1.08	0.186
-15.57	20.19	24.59	-15.77	20.30	24.54	0.232
-1.72	1.28	-26.14	-1.76	1.26	-26.11	0.048
15.78	11.97	-27.70	15.80	11.99	-27.69	0.029
-7.15	4.77	58.31	-7.08	4.77	58.31	0.065
-20.75	-13.09	-4.96	-20.75	-13.10	-4.93	0.027
23.52	20.37	18.61	23.64	20.49	18.66	0.175
31.02	15.73	12.35	31.12	15.81	12.42	0.144
30.76	6.98	18.27	30.67	6.97	18.23	0.098
-25.19	-30.53	-35.60	-25.18	-30.48	-35.58	0.053
-16.27	11.07	-32.82	-16.31	10.97	-32.79	0.113
-7.31	-22.03	-11.95	-7.32	-22.01	-11.96	0.032
36.82	-2.27	2.84	36.83	-2.27	2.84	0.003
-22.94	-0.75	-9.40	-23.01	-0.68	-9.32	0.123

-9.46	-28.71	-32.99	-9.56	-28.55	-32.97	0.193
11.39	12.25	63.07	11.39	12.25	63.13	0.060
-13.68	22.20	21.53	-13.69	22.21	21.52	0.012
-26.93	9.26	-35.28	-26.92	9.21	-35.25	0.056
14.03	9.67	63.11	14.03	9.67	63.15	0.040
-27.27	11.20	-24.73	-27.29	11.25	-24.72	0.060
-29.56	-24.39	-42.17	-29.54	-24.34	-42.13	0.070
-30.40	-23.94	-42.13	-30.39	-23.92	-42.11	0.030
-10.74	18.40	37.07	-10.75	18.40	37.08	0.011
-13.58	-31.15	-29.20	-13.56	-31.21	-29.21	0.063
14.72	-13.90	-16.70	14.72	-13.91	-16.71	0.017
-9.83	-18.54	-44.76	-9.90	-18.52	-44.67	0.118
28.56	20.71	-20.53	28.47	20.62	-20.47	0.140
36.42	4.45	-16.54	36.45	4.44	-16.55	0.034
-6.67	2.38	57.59	-6.70	2.37	57.58	0.037
-24.00	-15.43	-6.14	-24.00	-15.43	-6.10	0.034
-22.74	-11.53	-49.38	-22.73	-11.52	-49.37	0.018
37.62	12.09	3.84	37.65	12.11	3.84	0.036
7.27	23.92	21.38	7.27	23.90	21.37	0.019
30.66	1.09	-27.59	30.71	1.09	-27.62	0.064
-7.37	24.18	30.81	-7.38	24.21	30.81	0.031
27.74	22.55	1.54	27.76	22.59	1.54	0.044
21.56	24.17	-23.14	21.56	24.17	-23.14	0.000
-6.97	18.55	13.22	-6.92	18.51	13.29	0.097
16.34	-5.24	42.06	16.33	-5.21	42.06	0.025
-7.49	21.25	36.44	-7.54	21.39	36.54	0.178
-7.00	6.91	-25.18	-7.03	6.87	-25.15	0.055
-2.98	23.82	18.86	-2.98	23.80	18.87	0.023
-8.48	24.18	22.08	-8.47	24.46	22.00	0.294
0.33	20.13	42.60	0.33	20.11	42.60	0.016
35.31	-3.39	0.51	35.43	-3.50	0.49	0.170
18.72	26.19	-10.13	18.72	25.98	-10.09	0.214
-14.93	14.99	31.72	-14.96	14.99	31.73	0.026
-5.69	-24.55	-34.81	-5.68	-24.56	-34.81	0.011
-6.25	-27.21	-25.11	-6.22	-27.24	-25.11	0.044
25.50	23.80	-16.30	25.47	23.74	-16.30	0.062
-18.69	-17.94	-6.34	-18.69	-17.94	-6.34	0.006
-16.00	7.58	-39.83	-16.02	7.48	-39.77	0.118
-9.25	-29.15	-24.75	-9.21	-29.20	-24.74	0.073
-25.68	-23.12	-44.39	-25.66	-23.03	-44.30	0.121