

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

33.19	17.29	-12.39	33.21	17.30	-12.40	0.022
-6.96	4.73	48.81	-6.90	4.74	48.81	0.060
-16.22	16.31	22.18	-16.44	16.27	22.17	0.227
22.57	7.46	51.35	22.44	7.45	51.33	0.133
27.84	21.15	-19.52	28.00	21.37	-19.59	0.276
16.08	25.63	-10.97	16.07	25.66	-10.98	0.029
-1.68	-20.58	-33.79	-1.73	-20.54	-33.77	0.066
-0.27	-18.15	-31.67	-0.27	-18.15	-31.67	0.007
2.00	8.76	-14.92	2.00	8.67	-14.88	0.097
-39.85	-16.39	-33.96	-39.80	-16.38	-33.95	0.054
-2.78	-5.88	-37.84	-2.81	-5.89	-37.83	0.038
-14.27	-26.62	-13.36	-14.23	-26.79	-13.29	0.181
36.12	14.31	2.59	36.21	14.37	2.59	0.110
21.51	-0.19	44.46	21.60	-0.24	44.47	0.105
13.72	23.36	-15.95	13.68	23.41	-15.96	0.069
-7.23	-24.32	-37.78	-7.27	-24.27	-37.74	0.071
-24.87	9.55	-35.48	-24.92	9.66	-35.53	0.133
19.50	22.68	19.31	19.50	22.67	19.31	0.005
2.23	20.31	43.04	2.22	20.11	42.97	0.218
24.17	18.25	23.59	24.09	18.19	23.56	0.102
27.66	-6.23	-25.11	27.65	-6.21	-25.07	0.049
-31.27	-30.35	-24.60	-31.18	-30.19	-24.62	0.184
0.16	-13.53	-0.58	0.17	-13.54	-0.58	0.008
39.80	5.01	-6.64	39.95	5.04	-6.68	0.155
-34.58	-11.36	-45.74	-34.58	-11.36	-45.74	0.003
-26.03	-31.55	-32.93	-26.03	-31.55	-32.93	0.001
-29.94	-30.31	-31.76	-29.95	-30.31	-31.76	0.002
-6.75	7.65	51.66	-6.80	7.66	51.67	0.045
-5.70	16.24	11.10	-5.70	16.24	11.09	0.006
-24.35	11.83	-28.19	-24.37	11.90	-28.21	0.072
-39.84	-18.13	-34.57	-39.77	-18.11	-34.55	0.081
35.84	14.13	6.66	35.87	14.16	6.68	0.040
30.35	13.45	-25.30	30.31	13.42	-25.27	0.058
-17.01	-25.40	-42.49	-17.00	-25.43	-42.53	0.047
6.52	11.40	63.11	6.52	11.40	63.24	0.130
24.29	2.85	37.92	24.14	2.88	37.90	0.156
-14.87	19.36	20.68	-14.86	19.35	20.69	0.016
24.73	24.43	-4.61	24.73	24.42	-4.61	0.007
21.27	-12.40	-1.05	21.23	-12.34	-1.09	0.086
27.03	0.60	25.20	26.97	0.62	25.18	0.058
15.56	-5.36	38.19	15.58	-5.49	38.19	0.134
-8.55	8.03	31.95	-8.75	7.89	32.03	0.261
24.22	-5.79	15.56	24.20	-5.76	15.55	0.035
4.87	7.48	63.21	4.88	7.47	63.36	0.149
18.70	-5.97	-23.41	18.74	-5.97	-23.34	0.088
-5.46	-1.74	57.60	-5.36	-1.70	57.60	0.113
-0.20	-11.96	-32.68	-0.17	-11.95	-32.69	0.027
-5.14	-5.40	28.00	-5.25	-5.51	28.00	0.158
6.48	-6.01	-23.35	6.46	-6.02	-23.31	0.048
-26.67	8.95	-17.20	-26.63	8.84	-17.26	0.134
-10.59	10.17	31.33	-10.83	9.91	31.42	0.360
-37.05	-2.28	-13.17	-37.09	-2.26	-13.13	0.062

-7.51	20.82	15.46	-7.51	20.82	15.46	0.003
-0.29	17.89	53.08	-0.19	17.73	53.06	0.188
7.20	21.89	-3.35	7.15	21.93	-3.37	0.064
14.98	-7.51	16.74	14.98	-7.51	16.74	0.000
-28.41	-25.68	-11.19	-28.38	-25.64	-11.24	0.066
-17.74	8.95	-18.31	-17.75	9.03	-18.27	0.095
-6.84	6.85	52.11	-6.97	6.88	52.11	0.140
-25.75	10.49	-19.78	-25.77	10.56	-19.74	0.083
-15.29	-25.93	-41.86	-15.31	-25.86	-41.77	0.117
11.71	-8.92	13.94	11.71	-8.91	13.94	0.004
-7.58	-18.09	-7.23	-7.59	-18.12	-7.21	0.039
-32.98	-10.93	-7.55	-33.02	-10.92	-7.47	0.093
-10.30	15.45	37.05	-10.42	15.38	37.22	0.217
-1.53	-19.64	-34.87	-1.58	-19.60	-34.83	0.072
-1.05	-11.03	-35.38	-1.05	-11.03	-35.38	0.001
-28.11	-28.84	-37.50	-28.08	-28.72	-37.44	0.135
-28.97	-4.93	-47.31	-28.91	-4.99	-47.19	0.144
-6.32	-21.11	-11.12	-6.36	-21.03	-11.17	0.102
-36.18	-13.16	-44.68	-35.98	-13.10	-44.52	0.264
22.20	4.28	49.96	22.34	4.26	49.97	0.148
-15.30	-24.97	-11.02	-15.30	-24.96	-11.03	0.013
-5.52	11.00	2.46	-5.57	11.06	2.44	0.078
-22.59	2.60	-44.38	-22.59	2.61	-44.39	0.021
-6.61	24.82	21.87	-6.60	24.49	21.94	0.340
34.78	-4.00	8.20	34.89	-4.11	8.24	0.160
-3.03	-20.61	-35.94	-3.07	-20.59	-35.92	0.051
31.10	-8.06	-7.93	31.01	-7.97	-7.90	0.127
-18.58	-15.15	-5.23	-18.58	-15.15	-5.24	0.020
-4.98	-1.78	56.50	-5.21	-1.94	56.50	0.277
22.23	4.05	49.72	22.33	4.03	49.73	0.102
35.86	0.39	10.85	35.96	0.38	10.95	0.148
26.95	0.23	-29.46	26.99	0.29	-29.33	0.148
12.76	17.05	-29.49	12.81	17.07	-29.45	0.073
12.64	-17.14	-7.83	12.65	-17.12	-7.83	0.029
23.18	20.51	19.27	23.24	20.57	19.30	0.099
-2.36	0.67	-27.21	-2.35	0.68	-27.22	0.021
12.05	-13.28	3.98	12.07	-13.33	4.02	0.068
-3.56	-25.36	-24.95	-3.54	-25.38	-24.94	0.029
-42.93	-3.34	-25.33	-42.94	-3.33	-25.33	0.012
-12.63	-25.42	-41.54	-12.71	-25.30	-41.41	0.202
-41.77	-12.86	-17.09	-41.74	-12.85	-17.11	0.036
-27.94	9.59	-33.07	-27.92	9.57	-33.06	0.030
0.28	-18.36	-10.84	0.31	-18.50	-10.79	0.144
-14.07	-26.78	-13.36	-14.08	-26.78	-13.37	0.008
27.45	6.76	26.21	27.53	6.77	26.23	0.089
-8.33	-19.49	-8.74	-8.32	-19.52	-8.72	0.043
29.41	8.12	20.43	29.43	8.12	20.43	0.021
27.40	-3.39	18.11	27.42	-3.41	18.12	0.032
6.16	21.49	36.61	6.16	21.45	36.61	0.046
-9.83	13.51	13.53	-9.82	13.51	13.53	0.008
-26.28	2.46	-43.90	-26.28	2.44	-43.88	0.021
-32.62	-6.37	-45.63	-32.63	-6.37	-45.65	0.024
6.93	-15.37	-3.53	6.95	-15.25	-3.58	0.132
28.24	18.78	-22.75	28.20	18.76	-22.72	0.052

18.26	23.63	17.83	18.22	23.49	17.79	0.149
-38.27	-7.82	-41.46	-38.25	-7.82	-41.44	0.029
-32.98	8.32	-23.42	-33.02	8.40	-23.42	0.085
26.84	-8.83	4.65	26.84	-8.72	4.61	0.121
-27.21	10.25	-31.83	-27.20	10.23	-31.82	0.024
1.01	19.10	47.65	1.01	19.15	47.67	0.059
32.89	17.56	6.49	32.90	17.57	6.49	0.018
27.60	1.04	23.88	27.60	1.04	23.88	0.001
20.13	15.65	47.68	20.10	15.63	47.68	0.026
-0.02	21.31	36.85	-0.01	21.39	36.87	0.086
9.17	20.37	-9.07	9.20	20.35	-9.05	0.042
-7.35	22.59	17.41	-7.32	22.46	17.49	0.148
31.68	0.49	15.44	31.82	0.44	15.56	0.189
12.16	21.78	44.93	12.16	21.77	44.93	0.004
30.21	-9.06	-6.17	30.27	-9.13	-6.18	0.092
-25.10	8.58	-17.26	-25.10	8.62	-17.22	0.057
10.61	22.22	32.90	10.61	22.31	32.91	0.090
-6.88	8.14	51.98	-6.69	8.09	51.97	0.195
-22.92	-21.88	-7.53	-22.92	-21.86	-7.57	0.044
-32.60	5.30	-37.84	-32.56	5.22	-37.81	0.088
-4.56	-9.25	16.15	-4.54	-9.21	16.15	0.047
-23.98	12.10	-28.41	-23.95	11.97	-28.38	0.139
-6.40	1.71	51.21	-6.53	1.66	51.21	0.137
-5.12	-0.04	-35.93	-5.02	0.01	-35.95	0.121
-4.48	-9.78	-41.80	-4.47	-9.78	-41.81	0.016
26.88	10.89	25.54	26.96	10.91	25.56	0.092
8.52	-13.63	3.05	8.52	-13.61	3.05	0.019
-22.22	-32.57	-24.55	-22.22	-32.67	-24.55	0.109
1.96	-17.85	-23.05	1.94	-17.84	-23.04	0.027
40.21	4.56	-1.02	40.07	4.58	-1.03	0.137
-21.93	-29.65	-14.97	-21.93	-29.60	-14.99	0.056
26.25	-6.65	11.52	26.25	-6.57	11.50	0.078
-39.40	2.01	-30.64	-39.45	2.04	-30.66	0.065
-43.16	-6.06	-29.73	-43.17	-6.06	-29.73	0.014
3.71	24.30	15.27	3.67	24.42	15.24	0.120
-3.18	-8.16	-39.88	-3.16	-8.15	-39.91	0.035
-29.07	5.65	-39.71	-29.08	5.66	-39.72	0.022
-30.52	-29.07	-34.47	-30.54	-29.10	-34.49	0.038
-43.23	-5.79	-29.69	-43.19	-5.79	-29.68	0.043
1.28	-19.04	-15.77	1.25	-19.00	-15.79	0.055
-41.54	-15.15	-17.67	-41.47	-15.13	-17.71	0.089
-41.10	-0.98	-20.87	-41.17	-0.93	-20.87	0.088
11.74	-6.19	57.25	11.79	-6.35	57.27	0.165
35.99	-0.17	10.90	35.96	-0.16	10.87	0.041
-3.98	-17.12	-39.77	-3.98	-17.12	-39.77	0.002
-11.66	-23.57	-42.53	-11.68	-23.53	-42.50	0.058
32.36	-6.85	1.02	32.33	-6.81	1.02	0.055
-17.40	10.37	-35.79	-17.39	10.39	-35.79	0.018
-40.15	-16.88	-32.65	-40.13	-16.88	-32.63	0.030
-7.00	-9.54	8.61	-7.02	-9.59	8.62	0.056
-14.44	-23.12	-43.80	-14.43	-23.15	-43.87	0.080
-41.29	-18.96	-21.17	-41.23	-18.94	-21.19	0.063
-42.28	-2.57	-22.71	-42.24	-2.59	-22.72	0.042
19.88	-16.84	-6.79	19.86	-16.80	-6.80	0.050

6.16	22.35	30.88	6.16	22.42	30.89	0.073
-11.34	6.67	17.97	-11.49	6.64	17.94	0.155
33.26	-3.53	-22.92	33.27	-3.53	-22.92	0.009
-22.62	5.73	-41.48	-22.61	5.79	-41.54	0.089
-33.90	7.75	-29.26	-33.87	7.69	-29.25	0.064
-42.90	-14.31	-21.25	-42.82	-14.30	-21.27	0.089
-19.31	-32.64	-25.64	-19.32	-32.54	-25.65	0.103
6.97	-14.54	-19.60	6.82	-14.38	-19.54	0.226
1.95	-7.36	-26.54	1.98	-7.36	-26.58	0.044
-40.52	-17.75	-32.05	-40.46	-17.75	-32.03	0.072
-13.58	-31.13	-29.42	-13.57	-31.18	-29.43	0.050
3.36	-15.27	-4.78	3.36	-15.41	-4.72	0.158
-23.43	-11.30	-5.17	-23.44	-11.30	-5.16	0.004
-3.15	10.78	-3.68	-3.13	10.76	-3.67	0.027
-10.05	7.23	-6.76	-10.03	7.17	-6.76	0.072
21.46	14.30	45.28	21.43	14.28	45.28	0.032
-24.58	11.16	-22.11	-24.66	11.41	-22.09	0.260
-8.74	-27.87	-33.98	-8.78	-27.80	-33.95	0.090
-31.30	5.49	-38.67	-31.30	5.49	-38.67	0.009
30.67	20.23	-6.25	30.73	20.31	-6.25	0.096
-17.57	-9.13	-48.62	-17.57	-9.13	-48.63	0.009
-42.01	-14.14	-18.33	-41.98	-14.14	-18.33	0.031
-26.44	8.37	-36.93	-26.46	8.42	-36.98	0.075
-15.18	19.98	21.63	-15.05	19.92	21.69	0.155
23.47	20.08	20.33	23.37	19.98	20.30	0.150
-22.18	8.51	-38.17	-22.18	8.49	-38.16	0.021
20.77	5.12	61.72	20.84	5.10	61.77	0.081
28.67	-10.85	-10.46	28.65	-10.82	-10.47	0.032
30.94	7.46	17.64	30.94	7.46	17.64	0.005
24.14	-13.28	-4.68	24.16	-13.32	-4.67	0.047
-37.57	-4.10	-12.18	-37.50	-4.15	-12.25	0.113
10.06	3.70	62.87	10.06	3.71	63.00	0.126
-32.90	-1.13	-43.38	-32.85	-1.19	-43.28	0.120
18.25	-4.04	40.31	18.22	-4.01	40.31	0.046
-2.20	2.55	63.24	-2.22	2.53	63.38	0.145
20.67	12.74	56.48	20.77	12.78	56.48	0.103
-7.89	4.24	30.47	-7.93	4.23	30.48	0.035
-14.16	-31.63	-28.85	-14.21	-31.47	-28.83	0.166
11.36	-15.78	-13.28	11.37	-15.48	-13.15	0.333
22.00	-15.78	-14.81	21.98	-15.68	-14.80	0.103