

```

150, ../OUTPUT/PA5-HighRes-A-Debug_Output.txt, 6
-1.49165, -10.582, 21.0163, 144.652, 62.2742, -90.3208,
-37.30 -22.54 -24.53 -37.29 -22.53 -24.53 0.014
 29.81  4.12 34.27  29.80  4.12 34.27 0.006
-29.27  3.29 -10.99 -29.26  3.29 -10.98 0.017
-18.95 -23.47 -43.08 -18.95 -23.48 -43.10 0.019
 20.26  0.38 -20.15  20.26  0.38 -20.15 0.009
-24.29 -6.50 -6.35 -24.29 -6.50 -6.35 0.004
 -3.73 17.51 18.27 -3.73 17.53 18.27 0.023
 30.70  6.95 25.90 30.71  6.96 25.90 0.008
 -9.74 -24.18 -17.23 -9.74 -24.20 -17.23 0.022
-14.46 -4.87  7.21 -14.46 -4.86  7.20 0.008
-39.00 -17.32 -38.60 -38.98 -17.30 -38.59 0.028
-15.07  5.80 -1.21 -15.06  5.78 -1.20 0.025
-25.06 12.97 20.81 -25.04 12.96 20.81 0.018
 27.97  3.52 41.94 27.96  3.51 41.94 0.010
 19.13 -5.38 44.62 19.13 -5.39 44.62 0.006
 33.53 -9.70 -10.41 33.52 -9.68 -10.41 0.023
 40.18  9.47 -9.74 40.17  9.46 -9.74 0.011
-30.40 -26.00 -18.61 -30.41 -26.01 -18.60 0.016
-36.04 -10.04 -13.35 -36.02 -10.04 -13.35 0.013
-34.28 -20.97 -15.29 -34.28 -20.97 -15.29 0.007
 11.06 23.70 29.62 11.06 23.70 29.62 0.003
 24.81  7.21 56.60 24.82  7.21 56.60 0.007
 -6.42 18.55 33.36 -6.42 18.56 33.36 0.015
-32.70 -24.37 -38.38 -32.70 -24.37 -38.38 0.008
-17.89 10.58 -39.36 -17.89 10.58 -39.36 0.010
 14.86 -10.51 12.60 14.86 -10.51 12.60 0.005
 35.46  5.87 -18.84 35.45  5.87 -18.81 0.031
-41.57 -0.85 -23.99 -41.57 -0.86 -23.99 0.013
 31.47  9.87 17.79 31.47  9.88 17.79 0.012
 42.05  5.21 -5.46 42.03  5.21 -5.47 0.017
 -4.54 -1.39 -37.41 -4.53 -1.39 -37.42 0.005
 35.13 -8.13 -14.02 35.10 -8.11 -14.01 0.039
  4.64 -20.16 -15.12  4.65 -20.18 -15.11 0.024
 23.76 -0.55 57.24 23.76 -0.55 57.24 0.002
 16.81 -5.26 40.52 16.81 -5.27 40.52 0.014
-31.21 -26.73 -34.53 -31.21 -26.73 -34.53 0.001
 -8.62 -22.32 -38.97 -8.61 -22.33 -38.98 0.017
  1.96 -22.52 -21.35  1.97 -22.54 -21.35 0.016
 39.29 11.91 -5.35 39.29 11.91 -5.35 0.003
 27.08 21.92 -2.90 27.09 21.93 -2.91 0.011
 31.07 18.74 -9.10 31.07 18.74 -9.10 0.002
 -6.59 11.16  4.62 -6.60 11.18  4.62 0.018
 30.67  6.71 26.68 30.67  6.71 26.68 0.004
 34.75  2.96 -19.05 34.72  2.95 -19.04 0.026
 -0.27 -1.56 48.43 -0.28 -1.57 48.43 0.015
-28.36 -27.48 -18.02 -28.35 -27.47 -18.02 0.011
-35.17  9.56 -29.59 -35.17  9.56 -29.59 0.003
-36.00  0.02 -43.82 -35.97  0.02 -43.80 0.026
-21.27 -9.74 -50.91 -21.27 -9.74 -50.92 0.006
  9.26 -14.99 -23.56  9.25 -14.98 -23.55 0.014
 34.14 -9.36 -13.89 34.12 -9.34 -13.89 0.026

```

24.87	4.36	56.19	24.87	4.36	56.19	0.001
-3.15	-10.69	4.06	-3.16	-10.70	4.07	0.015
-20.41	-13.50	-48.99	-20.40	-13.50	-48.99	0.016
36.91	9.20	-16.14	36.88	9.20	-16.13	0.034
28.58	6.37	36.70	28.58	6.37	36.70	0.001
2.07	5.60	62.19	2.07	5.60	62.17	0.020
-3.44	-0.26	50.06	-3.44	-0.27	50.06	0.004
-37.88	0.87	-39.28	-37.85	0.87	-39.27	0.028
-9.34	8.81	0.08	-9.34	8.81	0.08	0.001
3.18	-9.33	-33.12	3.17	-9.35	-33.10	0.023
-4.45	-22.46	-35.05	-4.45	-22.47	-35.05	0.005
-5.54	-5.86	20.05	-5.53	-5.86	20.05	0.006
31.75	-4.25	10.24	31.75	-4.23	10.24	0.015
-15.00	0.04	-47.64	-15.00	0.04	-47.65	0.014
21.14	17.18	30.65	21.15	17.19	30.65	0.010
-2.62	11.84	0.15	-2.62	11.84	0.15	0.004
-2.23	12.60	1.08	-2.23	12.60	1.08	0.002
-6.25	-9.01	5.70	-6.25	-9.01	5.70	0.000
0.49	-9.77	14.79	0.49	-9.79	14.79	0.014
17.06	-12.60	7.56	17.06	-12.59	7.56	0.007
1.47	-2.83	-25.55	1.47	-2.84	-25.55	0.008
9.65	-4.72	35.29	9.65	-4.73	35.29	0.017
-37.67	5.53	-33.63	-37.65	5.52	-33.62	0.020
-37.62	-19.27	-17.19	-37.62	-19.27	-17.19	0.005
-5.00	0.41	46.87	-5.00	0.41	46.87	0.005
-31.32	11.38	-22.97	-31.32	11.39	-22.97	0.001
22.66	-11.26	7.94	22.65	-11.26	7.94	0.004
-23.42	4.71	27.18	-23.41	4.73	27.17	0.018
38.23	1.78	12.60	38.22	1.79	12.60	0.015
37.31	13.09	9.68	37.31	13.09	9.68	0.007
-9.84	-5.65	-46.56	-9.83	-5.66	-46.58	0.021
-30.57	-26.03	-18.72	-30.57	-26.04	-18.72	0.011
35.19	8.28	-20.03	35.15	8.30	-20.02	0.043
-10.70	4.13	-42.52	-10.69	4.13	-42.53	0.014
-27.76	-7.33	-7.96	-27.76	-7.33	-7.95	0.010
7.08	21.09	-6.92	7.08	21.09	-6.92	0.003
4.21	-6.76	-28.94	4.20	-6.77	-28.93	0.015
-25.64	3.43	-12.99	-25.63	3.44	-12.96	0.027
-3.36	-10.31	4.80	-3.37	-10.32	4.80	0.008
-40.75	-4.41	-20.11	-40.76	-4.41	-20.10	0.015
-20.92	-19.91	-7.57	-20.92	-19.93	-7.55	0.022
-3.18	9.33	-4.72	-3.24	9.29	-4.89	0.183
2.70	9.50	62.07	2.70	9.50	62.04	0.023
25.57	2.86	52.07	25.56	2.86	52.07	0.006
33.18	16.32	10.12	33.18	16.35	10.15	0.033
10.74	21.88	-10.50	10.74	21.89	-10.51	0.016
-30.55	10.70	-33.17	-30.55	10.70	-33.17	0.001
-10.70	-21.77	-11.61	-10.70	-21.78	-11.60	0.013
25.69	19.88	-19.60	25.69	19.88	-19.60	0.000
23.67	0.15	59.89	23.67	0.15	59.89	0.000
31.86	18.81	0.01	31.86	18.81	0.01	0.005
11.51	-16.50	-10.78	11.51	-16.51	-10.79	0.004
-6.55	-3.72	-43.39	-6.55	-3.72	-43.39	0.001
-18.52	6.43	8.60	-18.51	6.42	8.60	0.017

-7.27	12.51	8.86	-7.26	12.50	8.86	0.017
21.07	-14.04	-18.47	21.07	-14.04	-18.47	0.004
-15.52	-17.81	-46.81	-15.52	-17.81	-46.82	0.012
23.90	4.72	-28.14	23.91	4.73	-28.12	0.028
-3.49	4.73	-22.13	-3.48	4.73	-22.13	0.003
10.50	-5.86	24.27	10.51	-5.87	24.28	0.011
41.91	5.82	-4.68	41.88	5.82	-4.69	0.028
4.00	20.81	28.02	3.99	20.84	28.02	0.029
-3.10	-12.76	-40.05	-3.10	-12.76	-40.05	0.003
23.67	-8.22	14.37	23.67	-8.21	14.37	0.007
31.12	6.59	24.62	31.12	6.59	24.62	0.001
-17.46	-28.04	-18.09	-17.44	-28.06	-18.09	0.030
26.50	-0.20	44.29	26.49	-0.20	44.29	0.008
7.71	-4.64	37.09	7.71	-4.65	37.09	0.016
30.67	4.80	29.92	30.67	4.79	29.92	0.003
1.12	-2.35	60.25	1.11	-2.36	60.25	0.019
38.25	4.82	-17.87	38.23	4.84	-17.88	0.027
-33.84	-23.77	-17.89	-33.84	-23.77	-17.89	0.002
-21.48	16.16	21.83	-21.47	16.14	21.85	0.029
24.39	-3.25	42.64	24.39	-3.26	42.64	0.004
-19.77	11.24	-37.72	-19.77	11.26	-37.73	0.013
1.79	0.27	-22.73	1.78	0.26	-22.72	0.009
-12.15	0.63	27.50	-12.14	0.66	27.50	0.036
3.66	17.61	-6.81	3.66	17.61	-6.81	0.005
-23.35	14.79	28.81	-23.37	14.80	28.82	0.025
16.30	-5.32	41.73	16.30	-5.33	41.73	0.015
-9.17	8.86	-18.86	-9.16	8.87	-18.86	0.015
-17.57	9.61	13.26	-17.56	9.59	13.28	0.032
35.57	11.71	10.76	35.58	11.71	10.77	0.014
-0.29	19.75	31.71	-0.29	19.76	31.71	0.005
-16.20	1.44	23.17	-16.18	1.47	23.16	0.036
21.64	20.95	-21.42	21.64	20.95	-21.42	0.005
21.90	10.20	-30.91	21.90	10.19	-30.89	0.031
22.26	16.28	36.02	22.27	16.29	36.02	0.015
-8.69	-1.62	28.02	-8.67	-1.60	28.02	0.017
31.34	12.30	-21.00	31.34	12.30	-21.00	0.000
20.87	0.55	-21.14	20.88	0.56	-21.13	0.013
-0.33	-23.44	-24.83	-0.32	-23.44	-24.83	0.002
26.00	-5.32	-21.83	26.00	-5.32	-21.84	0.013
14.88	-16.70	-9.72	14.88	-16.68	-9.72	0.013
-33.18	-26.02	-32.57	-33.18	-26.02	-32.57	0.001
-28.52	-3.30	-49.16	-28.52	-3.30	-49.15	0.006
31.32	-11.67	-14.56	31.32	-11.67	-14.56	0.008
-9.39	7.34	-33.16	-9.37	7.36	-33.16	0.031
14.67	9.89	62.61	14.68	9.89	62.58	0.037