

```

150, ../OUTPUT/PA5-HighRes-B-Debug_Output.txt, 6
0.41791, 137.518, -47.8535, 161.972, 99.7942, -113.89,
20.71 7.43 64.53 20.69 7.42 64.50 0.044
23.72 -13.21 -1.29 23.72 -13.21 -1.29 0.009
11.81 23.98 35.89 11.79 24.01 35.88 0.036
-11.39 13.53 47.07 -11.42 13.55 47.01 0.070
32.35 -7.55 -9.64 32.35 -7.55 -9.64 0.004
23.29 17.42 58.40 23.27 17.42 58.40 0.024
-1.65 -2.88 29.52 -1.63 -2.86 29.49 0.038
3.95 0.84 -17.87 3.96 0.85 -17.88 0.019
-34.47 0.61 -16.14 -34.49 0.62 -16.13 0.024
28.70 -10.35 -7.71 28.69 -10.33 -7.71 0.014
35.29 0.67 -10.89 35.33 0.66 -10.89 0.044
-13.59 -16.17 -51.14 -13.60 -16.16 -51.11 0.033
-0.25 20.39 47.55 -0.27 20.43 47.55 0.037
9.99 22.78 33.42 9.98 22.80 33.42 0.022
-4.08 -1.74 26.87 -4.09 -1.75 26.88 0.009
-36.05 3.46 -43.99 -36.05 3.45 -43.99 0.009
6.49 18.13 -9.37 6.50 18.12 -9.36 0.011
24.16 12.79 58.09 24.12 12.78 58.08 0.040
-26.53 -22.73 -16.92 -26.55 -22.74 -16.91 0.020
15.02 5.14 -23.18 15.02 5.13 -23.19 0.010
-1.11 2.90 -22.30 -1.13 2.88 -22.30 0.027
-11.70 -23.17 -16.52 -11.70 -23.17 -16.52 0.008
-19.70 -8.69 -8.13 -19.70 -8.69 -8.14 0.008
-20.06 -27.92 -21.73 -20.06 -27.93 -21.73 0.003
-1.47 18.31 63.36 -1.46 18.31 63.34 0.023
10.66 -3.75 28.65 10.66 -3.74 28.64 0.007
-17.52 -11.80 -52.84 -17.53 -11.80 -52.82 0.027
-0.19 -22.23 -15.55 -0.19 -22.21 -15.56 0.019
8.04 -2.54 36.30 8.04 -2.52 36.29 0.015
-6.25 12.16 60.68 -6.24 12.17 60.67 0.015
6.25 18.10 17.87 6.25 18.11 17.87 0.014
-5.76 13.85 32.11 -5.75 13.84 32.11 0.009
13.28 21.44 13.50 13.28 21.40 13.49 0.041
-20.90 -8.95 -54.46 -20.88 -8.96 -54.45 0.024
-11.46 -6.17 -52.22 -11.47 -6.16 -52.19 0.030
-18.45 -0.60 -1.15 -18.47 -0.61 -1.14 0.017
-11.31 -7.58 -51.91 -11.31 -7.58 -51.88 0.030
-7.02 11.63 54.62 -7.04 11.62 54.62 0.020
-22.40 -29.91 -32.27 -22.40 -29.92 -32.27 0.007
-29.51 -7.40 -10.24 -29.51 -7.40 -10.23 0.009
-26.11 8.26 -45.71 -26.10 8.24 -45.69 0.030
26.51 8.74 36.11 26.50 8.74 36.11 0.008
-37.72 -11.48 -17.92 -37.76 -11.49 -17.89 0.044
27.50 7.58 29.83 27.51 7.58 29.83 0.010
-29.40 -21.04 -17.74 -29.42 -21.06 -17.72 0.032
-23.86 6.26 29.82 -23.87 6.26 29.82 0.011
37.27 3.42 4.12 37.31 3.42 4.13 0.037
-32.32 -25.51 -30.62 -32.33 -25.53 -30.62 0.026
-38.76 3.06 -36.73 -38.75 3.06 -36.73 0.002
0.42 -14.87 -40.19 0.43 -14.86 -40.21 0.019
-36.52 2.55 -44.05 -36.52 2.55 -44.05 0.003

```

-38.60	-11.53	-41.00	-38.67	-11.53	-41.00	0.072
-24.40	8.42	35.40	-24.34	8.40	35.39	0.063
13.32	1.35	-16.28	13.31	1.32	-16.33	0.059
14.34	-15.92	-16.81	14.33	-15.91	-16.81	0.008
-10.04	-24.55	-41.17	-10.04	-24.55	-41.17	0.000
24.80	2.30	46.51	24.76	2.32	46.51	0.041
-7.67	10.52	51.29	-7.67	10.52	51.29	0.002
3.74	21.39	42.69	3.72	21.46	42.66	0.074
18.12	-9.90	-19.46	18.11	-9.91	-19.44	0.018
-4.20	11.02	61.11	-4.18	11.04	61.11	0.025
8.94	19.19	17.37	8.94	19.22	17.37	0.025
-10.99	9.71	20.84	-10.99	9.70	20.85	0.015
-25.96	-28.88	-28.52	-25.97	-28.89	-28.52	0.010
-0.54	8.17	63.94	-0.53	8.17	63.93	0.021
-34.76	6.37	-22.30	-34.77	6.37	-22.30	0.003
8.97	-1.22	41.67	8.97	-1.21	41.67	0.007
-30.13	0.74	-50.83	-30.13	0.73	-50.81	0.021
17.81	-3.80	39.51	17.83	-3.76	39.49	0.052
-12.85	13.13	38.63	-12.84	13.08	38.64	0.055
-12.94	8.85	25.08	-12.93	8.81	25.09	0.036
17.05	-14.84	-20.79	17.06	-14.83	-20.79	0.010
33.07	-1.62	-23.19	33.14	-1.64	-23.17	0.080
-22.47	-21.37	-14.24	-22.47	-21.38	-14.23	0.014
-37.65	-16.09	-32.16	-37.68	-16.10	-32.16	0.034
-16.22	0.28	7.81	-16.25	0.28	7.82	0.027
-26.29	-20.14	-15.97	-26.29	-20.15	-15.95	0.020
-40.55	-1.85	-26.04	-40.55	-1.85	-26.04	0.001
-16.01	7.00	-48.89	-15.99	6.99	-48.86	0.042
-28.78	-19.20	-15.54	-28.79	-19.22	-15.52	0.024
24.69	-9.50	6.93	24.70	-9.51	6.94	0.019
5.90	-0.60	41.41	5.87	-0.58	41.37	0.053
0.35	-5.44	25.84	0.35	-5.43	25.84	0.011
-38.89	-14.18	-27.51	-38.84	-14.19	-27.49	0.051
6.09	-6.00	27.71	6.09	-5.99	27.71	0.008
-40.97	-0.84	-29.62	-40.96	-0.84	-29.62	0.005
20.03	-3.68	42.42	20.05	-3.62	42.40	0.065
-7.49	-26.84	-30.37	-7.49	-26.84	-30.37	0.005
31.19	5.55	-18.03	31.22	5.54	-18.04	0.041
3.81	5.70	-9.01	3.82	5.73	-9.03	0.043
-22.96	13.81	-38.05	-22.95	13.77	-38.03	0.051
-14.96	4.00	37.33	-14.96	3.98	37.34	0.015
18.72	21.63	8.12	18.68	21.59	8.09	0.060
14.69	-15.47	-7.63	14.74	-15.68	-7.71	0.228
33.24	4.26	13.84	33.26	4.27	13.86	0.028
28.80	14.70	-11.67	28.85	14.72	-11.69	0.054
25.38	19.45	10.26	25.35	19.46	10.21	0.054
6.48	18.55	-7.71	6.47	18.56	-7.71	0.007
-14.03	11.50	47.40	-14.03	11.50	47.39	0.005
-9.09	8.08	-26.19	-9.15	8.05	-26.19	0.066
31.78	-6.68	-6.61	31.77	-6.68	-6.60	0.005
35.98	5.24	5.79	36.02	5.26	5.80	0.040
-25.10	-2.76	-11.33	-25.10	-2.77	-11.36	0.028
6.57	-9.42	6.33	6.57	-9.41	6.33	0.009
-34.63	-10.21	-50.33	-34.66	-10.21	-50.34	0.027

23.19	14.90	-20.30	23.22	14.96	-20.34	0.075
-21.91	12.49	-17.34	-21.91	12.45	-17.34	0.044
-28.52	12.20	-37.41	-28.51	12.15	-37.39	0.050
25.70	20.01	1.10	25.71	20.05	1.10	0.044
-27.65	-28.10	-30.88	-27.66	-28.11	-30.88	0.016
33.16	13.59	0.40	33.19	13.64	0.39	0.051
-19.58	-29.70	-34.51	-19.58	-29.70	-34.51	0.005
15.92	12.29	64.10	15.92	12.28	64.06	0.039
16.10	3.24	65.53	16.10	3.24	65.47	0.058
-6.61	15.71	53.31	-6.62	15.71	53.31	0.014
3.73	1.06	44.86	3.74	1.06	44.86	0.001
3.31	-7.48	-32.42	3.33	-7.47	-32.45	0.040
-0.98	-1.30	38.77	-0.98	-1.29	38.77	0.011
18.34	18.26	-17.24	18.35	18.30	-17.25	0.045
3.28	1.86	47.22	3.28	1.86	47.22	0.006
-2.07	8.65	60.41	-2.06	8.67	60.40	0.023
-25.85	-14.77	-51.59	-25.85	-14.77	-51.60	0.005
3.49	6.04	64.70	3.48	6.04	64.67	0.032
4.86	-10.46	0.74	4.86	-10.45	0.73	0.012
-4.28	2.78	38.18	-4.30	2.78	38.19	0.022
-37.91	-19.42	-26.25	-37.93	-19.43	-26.25	0.015
17.14	-15.08	-20.37	17.14	-15.08	-20.37	0.003
-23.91	-5.15	-10.55	-23.92	-5.15	-10.55	0.001
15.15	24.04	32.71	15.17	24.06	32.70	0.036
-32.95	-19.17	-17.96	-32.97	-19.17	-17.94	0.027
-17.76	-29.65	-32.93	-17.77	-29.64	-32.93	0.007
-8.22	11.28	50.58	-8.22	11.28	50.59	0.005
2.63	-16.39	-38.27	2.64	-16.38	-38.28	0.020
13.94	20.41	-11.47	13.94	20.41	-11.47	0.006
-32.09	11.11	-35.20	-32.08	11.08	-35.19	0.038
7.46	-1.54	39.20	7.45	-1.52	39.19	0.021
14.26	-16.64	-13.56	14.25	-16.65	-13.56	0.016
-21.90	-29.51	-36.07	-21.90	-29.51	-36.07	0.004
-33.11	2.71	-13.40	-33.11	2.72	-13.40	0.004
14.49	-2.48	43.56	14.50	-2.46	43.56	0.019
-36.70	-21.10	-36.48	-36.72	-21.10	-36.48	0.015
34.50	3.16	-20.84	34.51	3.13	-20.83	0.036
-0.33	15.13	22.89	-0.33	15.13	22.89	0.002
-17.63	-23.02	-16.17	-17.63	-23.02	-16.17	0.005
18.90	2.84	-23.71	18.90	2.85	-23.71	0.011
-10.83	-25.97	-23.37	-10.83	-25.97	-23.38	0.008
-38.28	-0.00	-38.90	-38.31	-0.02	-38.90	0.039
-37.23	-7.39	-35.88	-37.29	-7.37	-35.88	0.055
-17.60	2.02	7.74	-17.62	2.02	7.74	0.018
4.96	17.92	-4.40	4.97	17.91	-4.40	0.018