

hw7_gen6
B =

list1

302.13	-270.23	-648.35	-1	0	0
476.18	371.94	1984.5	0	-1	0
1975.7	-641.92	0	0	0	-1
309.55	-278.89	-690.81	-1	0	0
482.06	383.86	1958.2	0	-1	0
1979.4	-592.15	0	0	0	-1
287.41	-260.59	-662.95	-1	0	0
463.39	358.67	1953.8	0	-1	0
1959.6	-612.09	0	0	0	-1
286.29	-262.16	-694.29	-1	0	0
469.77	360.84	1999.8	0	-1	0
2014.9	-613.77	0	0	0	-1
301.64	-270.08	-651.14	-1	0	0
476.02	371.74	1984.3	0	-1	0
1977.2	-639.58	0	0	0	-1
295.44	-267.36	-674.81	-1	0	0
466.24	367.99	1916.6	0	-1	0
1936.6	-580.65	0	0	0	-1
282.73	-256.71	-656.94	-1	0	0
459.95	353.33	1957.8	0	-1	0
1959.2	-619.26	0	0	0	-1
297.64	-264.94	-622	-1	0	0
466.96	364.66	1946.6	0	-1	0
1929.8	-640.95	0	0	0	-1
291.14	-262.6	-653.51	-1	0	0
468.7	361.43	1985.5	0	-1	0
1979.5	-638.34	0	0	0	-1
279.34	-257.03	-693.52	-1	0	0
460.23	353.77	1957.5	0	-1	0
1980.4	-589.51	0	0	0	-1
312.37	-282	-704.56	-1	0	0
488.29	388.14	1988.3	0	-1	0
2011.6	-598.67	0	0	0	-1
310.94	-282.31	-722.27	-1	0	0
487.84	388.57	1981	0	-1	0
2016.1	-580.09	0	0	0	-1
302.68	-276.03	-719.08	-1	0	0
479.07	379.92	1956.9	0	-1	0
1994.8	-568.49	0	0	0	-1
306.72	-275.07	-667.82	-1	0	0
483.7	378.6	2010.3	0	-1	0
2007.8	-641.35	0	0	0	-1
309.11	-281.68	-731.5	-1	0	0
486.39	387.69	1973.2	0	-1	0
2015.3	-568.05	0	0	0	-1
282.93	-257.58	-666.44	-1	0	0
467.26	354.53	2019.4	0	-1	0
2014.4	-647.83	0	0	0	-1
318.99	-288.98	-732.61	-1	0	0
491.97	397.74	1957.1	0	-1	0
2003	-557.69	0	0	0	-1
288.83	-264.5	-700.57	-1	0	0
470.88	364.06	1988.2	0	-1	0
2009.2	-601.87	0	0	0	-1
292.41	-266.13	-687.65	-1	0	0
465.07	366.29	1917.2	0	-1	0
1944.5	-570.56	0	0	0	-1
281.59	-254.84	-643.24	-1	0	0
459.34	350.75	1969.8	0	-1	0
1960.9	-637.41	0	0	0	-1

ft =

Columns 1 through 7						
4.537	8.6567	27.916	4.4799	8.5359	27.127	4.0032
Columns 8 through 14						
8.6051	27.271	3.95	9.0079	27.831	4.5175	8.7063
Columns 15 through 21						
27.745	4.1758	8.1261	26.541	4.1014	8.8339	27.447
Columns 22 through 28						
4.5985	8.6945	27.471	4.2497	8.7993	27.955	3.9057
Columns 29 through 35						
8.7876	27.048	4.6275	8.4774	27.377	4.349	8.5079
Columns 36 through 42						
27.192	4.219	8.3957	26.81	4.7143	8.8986	28.14
Columns 43 through 49						
4.3976	8.3853	26.903	4.1031	8.91	28.216	4.6174
Columns 50 through 56						
8.3439	26.761	3.9847	8.8914	27.51	4.2945	8.095

list1

Columns 57 through 60
26.496 4.1353 8.8731 27.519

parameter corrections

del =
0.0085701
-0.016525
0.0056612
-1.1643
0.46745
-0.33429

condN =
2.688e+10

parameter corrections

del =
5.6475e-05
3.1808e-05
4.6085e-05
0.27117
-0.15395
0.037918

condN =
2.6481e+10

parameter corrections

del =
4.361e-08
-1.5443e-08
1.5316e-08
1.3162e-05
4.8577e-05
9.4309e-05

condN =
2.6482e+10

parameter corrections

del =
3.0948e-11
4.8918e-12
2.2929e-12
7.384e-09
2.0513e-08
5.8403e-08

condN =
2.6482e+10

parameter corrections

del =
2.0053e-14
-9.3307e-15
8.7398e-15
3.4541e-12
2.2877e-11
4.5306e-11

condN =
2.6482e+10

we have converged

6 parameters

ans = 0.32279 0.088227 0.94819

ans = 8.1069 3.3136 2.7037

angles degrees

ans = 18.494 5.055 54.327

residuals

v =
-0.015531
-0.041931
0.044755
-0.032427
0.12839
0.046951
-0.17581
-0.033821
0.028044
-0.073764
0.092185
0.082392
-0.012443
0.0063571
-0.10069
-0.11008

list1

-0.1763
0.016908
-0.0085049
0.11446
0.087046
0.027357
0.16697
0.010824
-0.053422
-0.01512
0.10696
0.02856
0.072485
-0.0040034
0.1135
-0.080641
-0.088381
-0.055525
3.2922e-05
-0.0061276
-0.025505
-0.045655
-0.014973
0.14968
0.10098
0.0011792
0.073195
-0.081801
-0.089276
0.021486
-0.19635
-0.091362
0.096897
0.085149
0.048566
-0.061785
0.083799
0.0071731
0.12819
-0.22912
0.0692
-0.014067
0.049946
-0.15519
diary off