

Least Squares Fit Report File

Report Generated: Mon Feb 26 10:53:00 2001

Active Design File: U:\Projekte\LWN_Amt_Seftigen\scannen\Riggisberg_879\riggbaa.dgn

Active Raster File: u:\projekte\lwn_amt_seftigen\scannen\riggisberg_879\23_s.cit

Transformation Type: Affine

Order: 1

$$x' = a_0 + a_1 x + a_2 y + a_3 x^2 + a_4 xy + a_5 y^2 + \dots$$

$$y' = b_0 + b_1 x + b_2 y + b_3 x^2 + b_4 xy + b_5 y^2 + \dots$$

where

x and y are coordinates in the input raster file and

x' and y' are the output coordinates in uors

i	Coefficients	
	a i	b i
0	6.006872e+008	1.834129e+008
1	-4.638030e+001	2.540427e+004
2	2.554547e+004	-7.532867e+000

Review Statistics

Degree of Freedom:	22
RMS of Residual Norms:	3.506000e-001
Std. Dev. of Residual Norms :	1.766773e-001
Standard Error:	5.962841e-002

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.193978e-001	-4.254678e-001	4.419035e-001
2	-3.675803e-002	-3.881647e-001	3.899013e-001
3	1.558040e-001	4.172612e-001	4.454007e-001
4	-1.460671e-001	-2.340989e-001	2.759309e-001
5	2.183010e-002	2.904611e-001	2.912802e-001
6	7.298231e-003	-3.000693e-002	3.088171e-002
7	-2.501199e-001	-2.633577e-001	3.632041e-001
8	-9.561571e-002	1.586294e-003	9.562887e-002
9	-1.412244e-001	6.833048e-002	1.568865e-001
10	1.492080e-001	1.414408e-001	2.055931e-001
11	3.224576e-002	-3.636533e-002	4.860274e-002
12	4.191122e-001	3.638049e-001	5.549856e-001
13	-1.236605e-001	-4.317571e-001	4.491171e-001
14	1.273451e-001	5.263338e-001	5.415201e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600781.793000	183819.596000	600782.160000	183821.490000
2	601428.049000	184166.913000	601428.160000	184166.890000
3	600896.606000	184375.701000	600896.290000	184375.580000
4	600945.807000	183721.324000	600946.400000	183723.860000
5	601174.467000	184283.582000	601174.310000	184283.720000
6	600897.436000	184095.958000	600897.480000	184096.810000
7	601147.149000	183825.371000	601147.540000	183827.290000
8	601060.598000	184042.483000	601060.710000	184043.590000
9	601206.353000	183682.049000	601207.140000	183685.010000
10	601015.839000	184238.244000	601015.820000	184238.510000
11	600908.545000	183941.242000	600908.900000	183942.870000
12	601174.366000	183549.300000	601175.940000	183553.240000
13	601379.513000	184004.588000	601379.810000	184005.360000
14	601321.903000	183605.426000	601323.150000	183609.200000