

Least Squares Fit Report File

Report Generated: Mon Feb 26 09:21:38 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\28_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	5.995509e+008	1.838039e+008
1	-7.318216e+000	2.574296e+004
2	2.563772e+004	-4.692583e+001

Review Statistics

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Degree of Freedom:      20
RMS of Residual Norms:  2.478551e-001
Std. Dev. of Residual Norms : 1.047167e-001
Standard Error:         4.468271e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	2.663964e-001	-1.139892e-001	2.897595e-001
2	3.780124e-001	1.300310e-001	3.997517e-001
3	-6.914863e-002	8.399650e-003	6.965692e-002
4	-3.045956e-001	-1.604964e-001	3.442928e-001
5	6.381656e-002	5.897556e-002	8.689459e-002
6	-1.995633e-001	-5.079234e-002	2.059257e-001
7	-1.465752e-001	4.104698e-002	1.522141e-001
8	1.358308e-001	-3.863225e-002	1.412178e-001
9	-1.861750e-001	7.562641e-002	2.009490e-001
10	-2.738225e-001	5.452648e-002	2.791986e-001
11	1.686300e-001	-1.245618e-001	2.096467e-001
12	-1.913797e-001	1.675077e-002	1.921113e-001
13	3.585737e-001	1.031152e-001	3.731056e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	599754.252000	183886.974000	599754.460000	183885.510000
2	599633.261000	184188.873000	599633.460000	184189.200000
3	599705.699000	184334.020000	599705.430000	184334.730000
4	599981.006000	184473.630000	599980.540000	184474.280000
5	600423.010000	184256.971000	600423.100000	184256.080000
6	600192.460000	184015.459000	600192.290000	184013.820000
7	599981.575000	184043.488000	599981.390000	184042.450000
8	600222.391000	184452.921000	600222.440000	184453.160000
9	599964.100000	184220.106000	599963.820000	184219.910000
10	600149.085000	184184.980000	600148.780000	184184.270000
11	600271.878000	184326.403000	600272.010000	184325.910000
12	600001.357000	184333.555000	600001.050000	184333.730000
13	600404.433000	184440.746000	600404.760000	184440.740000