

Least Squares Fit Report File

Report Generated: Mon Feb 26 11:12:22 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\21_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	6.012405e+008	1.835392e+008
1	3.660407e+001	2.548231e+004
2	2.539426e+004	1.526916e+001

Review Statistics

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Degree of Freedom:          18
RMS of Residual Norms:     3.480548e-001
Std. Dev. of Residual Norms : 1.967684e-001
Standard Error:           6.698318e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-3.546351e-001	2.479536e-001	4.327205e-001
2	4.258359e-001	-3.998975e-001	5.841697e-001
3	-3.993436e-001	1.400744e-001	4.231975e-001
4	1.832287e-002	-9.944037e-003	2.084734e-002
5	-1.767020e-001	1.115319e-001	2.089568e-001
6	1.435427e-002	-1.689554e-001	1.695641e-001
7	-1.787928e-001	1.173947e-001	2.138887e-001
8	1.274379e-001	1.294391e-001	1.816450e-001
9	-1.013179e-001	2.444722e-001	2.646356e-001
10	-1.032208e-001	7.276907e-002	1.262928e-001
11	1.936025e-001	-5.820170e-002	2.021617e-001
12	5.344586e-001	-4.266364e-001	6.838601e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601491.591000	184228.744000	601491.900000	184229.100000
2	602240.458000	184113.784000	602240.690000	184113.650000
3	601980.120000	183678.147000	601979.140000	183677.290000
4	602017.702000	183883.034000	602017.400000	183882.570000
5	601708.258000	183656.045000	601707.720000	183654.940000
6	601379.349000	184006.054000	601379.810000	184005.360000
7	601849.101000	184176.303000	601849.180000	184176.610000
8	601564.510000	183837.313000	601564.670000	183836.600000
9	601840.732000	183866.458000	601840.450000	183866.100000
10	601749.187000	184048.612000	601749.250000	184048.490000
11	602073.144000	184135.757000	602073.330000	184135.920000
12	601324.046000	183743.432000	601324.700000	183741.780000