

Least Squares Fit Report File

Report Generated: Mon Feb 26 11:26:51 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\19_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

Coefficients

i	a _i	b _i
0	6.018207e+008	1.828308e+008
1	-5.271230e+001	2.536136e+004
2	2.544831e+004	9.700974e+000

Review Statistics

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Degree of Freedom:      20
RMS of Residual Norms:  1.807746e-001
Std. Dev. of Residual Norms : 6.624334e-002
Standard Error:         3.258961e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-7.995987e-002	2.395954e-001	2.525857e-001
2	1.731934e-001	7.340883e-003	1.733489e-001
3	-2.926391e-002	-1.257112e-001	1.290724e-001
4	1.499080e-002	9.789871e-002	9.903980e-002
5	-8.225771e-002	-1.536543e-002	8.368051e-002
6	6.985373e-003	-2.221673e-001	2.222771e-001
7	-7.076006e-002	-1.095182e-001	1.303887e-001
8	8.720708e-002	6.599788e-002	1.093654e-001
9	-1.055712e-001	1.622840e-001	1.936011e-001
10	1.393579e-001	-7.935511e-002	1.603679e-001
11	6.842427e-002	-9.013732e-002	1.131663e-001
12	-9.696662e-002	-2.210687e-001	2.413998e-001
13	-2.537944e-002	2.902063e-001	2.913139e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601983.292000	183018.579000	601983.900000	183018.480000
2	602186.166000	182930.712000	602188.180000	182930.340000
3	602544.279000	183225.121000	602547.190000	183225.150000
4	602081.876000	183811.514000	602081.400000	183812.380000
5	602319.987000	183678.036000	602320.830000	183678.700000
6	602031.871000	183373.274000	602032.060000	183373.210000
7	602386.442000	183055.444000	602388.910000	183055.200000
8	602220.080000	183195.054000	602221.620000	183195.110000
9	602297.470000	183433.966000	602298.690000	183434.470000
10	602162.933000	183618.800000	602163.370000	183619.260000
11	602537.093000	183454.469000	602539.590000	183454.840000
12	602021.867000	183163.889000	602022.340000	183163.540000
13	602416.046000	183300.932000	602418.190000	183301.430000