

Least Squares Fit Report File

Report Generated: Mon Feb 26 10:33:32 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\24_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	6.006699e+008	1.840336e+008
1	-5.524569e+000	2.592985e+004
2	2.584014e+004	9.720993e+001

Review Statistics

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Degree of Freedom:      18
RMS of Residual Norms:  1.868789e-001
Std. Dev. of Residual Norms : 8.434784e-002
Standard Error:         3.596485e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	2.787879e-001	-1.691099e-001	3.260688e-001
2	-6.744781e-002	2.626254e-002	7.238044e-002
3	6.799970e-002	-5.672524e-002	8.855345e-002
4	-1.016732e-001	8.808450e-002	1.345225e-001
5	1.673657e-001	4.311884e-002	1.728309e-001
6	-2.141569e-001	7.598488e-002	2.272375e-001
7	-7.596592e-002	1.908542e-002	7.832671e-002
8	2.183114e-001	-1.348816e-001	2.566182e-001
9	-1.871779e-001	-1.803338e-002	1.880446e-001
10	2.072190e-002	5.579511e-002	5.951883e-002
11	-2.309054e-001	-5.960778e-002	2.384751e-001
12	1.241403e-001	1.300266e-001	1.797713e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600897.421000	184870.961000	600897.470000	184870.970000
2	601649.976000	184568.488000	601648.200000	184571.090000
3	601429.262000	184165.769000	601428.160000	184166.890000
4	600896.514000	184376.017000	600896.290000	184375.580000
5	600922.719000	184658.634000	600922.650000	184658.650000
6	601094.428000	184871.166000	601093.580000	184872.160000
7	601477.418000	184649.828000	601475.970000	184651.890000
8	601551.171000	184349.999000	601549.930000	184351.760000
9	601222.953000	184348.137000	601221.980000	184348.780000
10	601328.349000	184571.981000	601327.320000	184573.410000
11	601156.886000	184557.920000	601155.960000	184558.570000
12	601426.748000	184434.312000	601425.650000	184435.990000