

Least Squares Fit Report File

Report Generated: Thu Feb 22 16:47:43 2001

Active Design File: U:\Projekte\LWN_Amt_Seftigen\scannen\Rüti_882\ruetbaa.dgn

Active Raster File: u:\projekte\lwn_amt_seftigen\scannen\rüti_882\33_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	6.002095e+008	1.787060e+008
1	3.376751e+001	1.271827e+004
2	1.275878e+004	-1.620429e+001

Review Statistics

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Degree of Freedom:      18
RMS of Residual Norms:  1.233081e-001
Std. Dev. of Residual Norms : 4.963145e-002
Standard Error:         2.373065e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	1.259874e-001	-2.360651e-002	1.281799e-001
2	-6.321545e-002	1.772310e-001	1.881676e-001
3	-7.386243e-002	3.332894e-003	7.393758e-002
4	7.860469e-002	-2.858553e-002	8.364108e-002
5	2.170740e-002	2.119689e-001	2.130775e-001
6	8.388059e-002	-8.651578e-002	1.205028e-001
7	-5.394248e-002	-4.376399e-003	5.411972e-002
8	-1.183274e-001	3.439838e-002	1.232259e-001
9	5.056685e-002	1.819581e-002	5.374099e-002
10	-5.635674e-002	-5.256468e-002	7.706574e-002
11	7.923682e-003	-1.319462e-001	1.321839e-001
12	-2.966123e-003	-1.175320e-001	1.175694e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600379.693000	178777.989000	600379.000000	178778.580000
2	600555.193000	178877.291000	600554.850000	178877.700000
3	600589.969000	178990.451000	600589.970000	178990.460000
4	600449.644000	179150.101000	600450.000000	179150.000000
5	600300.070000	179099.589000	600300.000000	179100.000000
6	600509.767000	179047.180000	600509.950000	179047.110000
7	600335.235000	179022.386000	600334.940000	179022.660000
8	600314.937000	178903.290000	600314.230000	178903.820000
9	600490.169000	178829.180000	600489.710000	178829.590000
10	600447.184000	179021.395000	600447.060000	179021.480000
11	600384.471000	179080.750000	600384.470000	179080.740000
12	600358.196000	178811.850000	600357.430000	178812.320000