

Least Squares Fit Report File

Report Generated: Thu Feb 22 17:31:39 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\32_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	6.001706e+008	1.772562e+008
1	-8.033546e+001	6.591277e+004
2	6.619476e+004	4.373442e+001

Review Statistics

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Degree of Freedom:	18
RMS of Residual Norms:	3.176536e-001
Std. Dev. of Residual Norms :	1.178927e-001
Standard Error:	6.113246e-002

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.849856e-001	1.806392e-001	2.585541e-001
2	2.785352e-001	8.585021e-002	2.914654e-001
3	4.494887e-001	4.406731e-002	4.516437e-001
4	-1.830466e-001	3.781076e-001	4.200850e-001
5	-1.252677e-001	-9.259185e-002	1.557731e-001
6	-9.209255e-002	2.284995e-001	2.463596e-001
7	-3.166809e-002	-1.176953e-001	1.218813e-001
8	-1.135060e-001	-2.296873e-001	2.562028e-001
9	-5.217185e-002	-1.516259e-001	1.603506e-001
10	1.187171e-001	-4.473862e-001	4.628694e-001
11	-2.827757e-001	-2.017024e-001	3.473412e-001
12	2.187731e-001	3.235251e-001	3.905511e-001

Review Control Points

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Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600249.068000	178739.744000	600245.160000	178738.280000
2	600917.201000	177427.577000	600917.410000	177428.030000
3	600991.269000	179026.852000	600989.930000	179025.400000
4	601362.109000	178327.536000	601362.130000	178327.500000
5	600450.580000	178116.959000	600448.110000	178116.100000
6	601130.036000	177919.912000	601129.930000	177920.060000
7	600696.574000	178703.983000	600694.240000	178702.560000
8	601191.253000	178687.127000	601190.380000	178685.940000
9	600693.906000	177778.442000	600692.670000	177778.090000
10	600836.282000	178168.660000	600835.180000	178167.640000
11	600735.509000	178468.810000	600733.330000	178467.610000
12	600260.802000	178471.843000	600257.660000	178470.850000