

Least Squares Fit Report File

Report Generated: Fri Feb 23 08:10:48 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\31_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	5.996141e+008	1.783912e+008
1	-5.065544e+001	5.130662e+004
2	5.116129e+004	6.044780e+001

Review Statistics

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Degree of Freedom:          28
RMS of Residual Norms:      2.310752e-001
Std. Dev. of Residual Norms : 1.043429e-001
Standard Error:             3.402669e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	1.368699e-001	2.754143e-002	1.396134e-001
2	-1.659607e-001	2.010458e-002	1.671740e-001
3	-7.194291e-002	5.244366e-002	8.902876e-002
4	7.389135e-002	-7.727671e-003	7.429433e-002
5	6.472222e-002	9.464350e-002	1.146576e-001
6	-4.274155e-001	4.854736e-002	4.301638e-001
7	2.355722e-001	-1.115777e-001	2.606604e-001
8	-1.973895e-001	1.291832e-001	2.359045e-001
9	1.659366e-001	-1.377860e-001	2.156848e-001
10	3.970560e-001	-1.262981e-001	4.166590e-001
11	-3.015787e-002	-1.496419e-001	1.526506e-001
12	2.931694e-001	6.647908e-002	3.006123e-001
13	-1.095948e-001	3.268186e-002	1.143640e-001
14	-8.745522e-002	-1.132419e-001	1.430809e-001
15	1.127025e-001	2.546077e-001	2.784366e-001
16	-1.758226e-001	-2.987637e-002	1.783429e-001
17	-2.141810e-001	-5.008278e-002	2.199586e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	599702.951000	179502.489000	599703.080000	179502.560000
2	600195.890000	178572.976000	600196.070000	178572.050000
3	600960.705000	178696.053000	600959.980000	178696.270000
4	601420.307000	179313.497000	601418.590000	179315.240000
5	600394.265000	179390.116000	600393.640000	179390.880000
6	599774.778000	179250.030000	599774.510000	179249.780000
7	600612.494000	179116.627000	600612.060000	179116.980000
8	600991.724000	179250.133000	600990.290000	179251.400000
9	601057.772000	179093.976000	601056.780000	179094.790000
10	600132.950000	179205.158000	600133.140000	179205.080000
11	600533.746000	178658.173000	600533.590000	178657.620000
12	600097.932000	178930.411000	600098.330000	178930.020000
13	600323.018000	178884.956000	600322.800000	178884.720000
14	600590.577000	178990.348000	600589.970000	178990.460000
15	600939.805000	178896.886000	600939.090000	178897.620000
16	600007.011000	179511.113000	600006.470000	179511.500000
17	601361.177000	179373.917000	601359.180000	179375.650000