

Least Squares Fit Report File

Report Generated: Fri Feb 23 11:34:43 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\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

i	Coefficients	
	a _i	b _i
0	6.009124e+008	1.806093e+008
1	4.960057e+001	2.561291e+004
2	2.560450e+004	4.271410e+001

Review Statistics

Degree of Freedom: 20
 RMS of Residual Norms: 2.132758e-001
 Std. Dev. of Residual Norms : 1.178329e-001
 Standard Error: 3.844883e-002

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.026901e-001	7.825944e-003	1.029879e-001
2	-2.604533e-002	1.321442e-001	1.346865e-001
3	1.344616e-001	1.479063e-001	1.998904e-001
4	-3.567208e-001	5.672216e-002	3.612023e-001
5	-9.811021e-003	3.206335e-002	3.353080e-002
6	9.839274e-002	-7.977614e-003	9.871562e-002
7	1.535921e-001	-5.178516e-002	1.620872e-001
8	3.014066e-002	-1.298755e-001	1.333271e-001
9	-1.109943e-001	-3.276436e-002	1.157292e-001
10	4.318267e-002	-4.147471e-001	4.169891e-001
11	4.499676e-002	7.731893e-002	8.945907e-002
12	-1.542510e-001	-4.255464e-002	1.600133e-001
13	2.557460e-001	2.257235e-001	3.411116e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601081.745000	181478.215000	601082.070000	181478.520000
2	601179.557000	181157.437000	601179.490000	181157.420000
3	601405.156000	180969.781000	601405.240000	180969.800000
4	601983.763000	181028.923000	601984.380000	181029.930000
5	601346.201000	181568.647000	601347.210000	181569.590000
6	601620.032000	181362.691000	601621.180000	181363.660000
7	601606.468000	181099.897000	601607.140000	181100.300000
8	601765.754000	181103.552000	601766.560000	181104.150000
9	601215.809000	181351.213000	601216.090000	181351.460000
10	601433.112000	181259.097000	601433.710000	181259.150000
11	601612.218000	181233.674000	601613.050000	181234.470000
12	601255.406000	181538.830000	601256.070000	181539.490000
13	601597.398000	181466.917000	601598.870000	181468.280000