

Least Squares Fit Report File

Report Generated: Wed Feb 28 14:43:36 2001

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

Active Raster File: u:\projekte\lwn_amt_seftigen\scannen\rüti_882\36_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	6.017526e+008	1.763100e+008
1	1.083059e+002	7.579815e+004
2	7.631703e+004	-2.102720e+002

Review Statistics

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Degree of Freedom:      20
RMS of Residual Norms:  7.436455e-001
Std. Dev. of Residual Norms : 2.957851e-001
Standard Error:         1.340626e-001

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.553126e-001	8.114506e-001	8.261804e-001
2	5.313744e-001	1.547107e-001	5.534385e-001
3	2.468346e-002	-6.732887e-001	6.737410e-001
4	5.055129e-001	1.816477e-001	5.371584e-001
5	2.719498e-001	-2.006668e-001	3.379702e-001
6	1.543909e-001	-2.994911e-001	3.369443e-001
7	-2.062078e-001	3.485193e-001	4.049535e-001
8	5.239046e-001	-6.189687e-001	8.109243e-001
9	1.197647e-001	7.600703e-001	7.694482e-001
10	4.669751e-001	7.506399e-001	8.840396e-001
11	-6.421078e-001	-7.509147e-002	6.464836e-001
12	-6.884535e-001	9.884287e-003	6.885244e-001
13	-9.064741e-001	-1.149416e+000	1.463849e+000

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	602597.033000	178000.545000	602600.000000	178000.000000
2	602732.402000	176642.373000	602734.620000	176645.060000
3	602597.421000	177600.776000	602600.000000	177600.000000
4	601871.161000	177962.799000	601872.060000	177963.750000
5	601962.270000	177842.606000	601963.100000	177843.300000
6	602012.135000	177638.161000	602012.740000	177639.260000
7	602344.729000	176733.132000	602344.910000	176736.800000
8	602796.758000	177200.015000	602800.000000	177200.000000
9	602397.494000	178000.043000	602400.000000	178000.000000
10	602543.605000	176689.533000	602545.130000	176693.190000
11	602140.298000	177519.639000	602140.410000	177520.980000
12	602573.004000	176912.846000	602573.800000	176914.980000
13	602442.268000	177380.291000	602443.030000	177380.160000