

Least Squares Fit Report File

Report Generated: Fri Feb 23 10:36:39 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\24_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	5.991510e+008	1.804794e+008
1	-3.028796e+001	2.571651e+004
2	2.563634e+004	-6.125645e+000

Review Statistics

```

Degree of Freedom:          20
RMS of Residual Norms:      1.903990e-001
Std. Dev. of Residual Norms : 9.042646e-002
Standard Error:             3.432466e-002

```

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	2.747351e-001	1.225142e-001	3.008141e-001
2	-1.633089e-001	-4.295391e-002	1.688634e-001
3	3.118089e-001	8.714533e-002	3.237578e-001
4	-1.546373e-001	9.871031e-002	1.834568e-001
5	-1.649109e-001	-2.218715e-001	2.764463e-001
6	-1.190273e-001	-5.587084e-003	1.191584e-001
7	-1.008949e-001	-5.808567e-002	1.164205e-001
8	4.163377e-002	8.298977e-002	9.284758e-002
9	1.407194e-001	1.327549e-001	1.934575e-001
10	6.127847e-002	1.727730e-002	6.366755e-002
11	-1.573654e-001	-1.460995e-001	2.147299e-001
12	6.478609e-002	-8.710614e-002	1.085574e-001
13	-3.481711e-002	2.031193e-002	4.030888e-002

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	599359.024000	181073.809000	599359.150000	181075.240000
2	599474.076000	180619.854000	599474.240000	180619.910000
3	600087.597000	180760.574000	600087.750000	180760.980000
4	599917.887000	181151.873000	599917.200000	181153.350000
5	599632.762000	181146.300000	599632.220000	181147.510000
6	599733.525000	180626.611000	599733.590000	180626.660000
7	599892.489000	180651.367000	599892.460000	180651.390000
8	599967.516000	180973.515000	599967.210000	180974.500000
9	599436.972000	180915.729000	599437.110000	180916.740000
10	599681.850000	180764.018000	599681.960000	180764.460000
11	599712.889000	181030.076000	599712.450000	181031.040000
12	599810.679000	180836.275000	599810.640000	180836.770000
13	599591.184000	180912.377000	599591.070000	180913.230000