

Least Squares Fit Report File

Report Generated: Tue Feb 27 08:12:57 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\46_h.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	5.987933e+008	1.818839e+008
1	1.024081e+002	5.090408e+004
2	5.083507e+004	-5.053104e+000

Review Statistics

```

Degree of Freedom:      22
RMS of Residual Norms:  3.729877e-001
Std. Dev. of Residual Norms : 1.280319e-001
Standard Error:         6.343600e-002

```

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.615108e-001	-1.230331e-002	1.619787e-001
2	2.463119e-001	-2.956750e-001	3.848289e-001
3	4.025222e-001	-2.111316e-001	4.545335e-001
4	4.622978e-002	2.925037e-001	2.961344e-001
5	3.415108e-001	-3.268827e-001	4.727387e-001
6	3.120790e-001	9.918746e-002	3.274621e-001
7	6.276517e-002	2.509453e-001	2.586755e-001
8	9.898371e-002	-1.581998e-001	1.866144e-001
9	-9.564310e-002	2.459834e-001	2.639232e-001
10	1.698573e-001	2.234544e-001	2.806838e-001
11	3.091426e-002	-3.006225e-001	3.022079e-001
12	-5.210316e-001	6.132550e-002	5.246281e-001
13	-3.908833e-001	-1.296040e-001	4.118094e-001
14	-5.421053e-001	2.610192e-001	6.016720e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	599044.553000	183115.380000	599045.070000	183116.280000
2	599779.035000	183581.149000	599780.780000	183582.250000
3	600689.458000	182507.280000	600689.050000	182507.090000
4	599470.372000	182733.914000	599470.260000	182734.620000
5	600240.105000	182423.791000	600239.540000	182423.430000
6	599418.472000	183352.432000	599419.880000	183353.690000
7	599837.020000	183038.927000	599837.480000	183039.920000
8	600463.026000	182839.507000	600463.020000	182839.790000
9	600907.695000	183026.703000	600907.800000	183027.570000
10	600076.859000	182712.459000	600076.730000	182713.010000
11	599192.964000	182961.677000	599193.340000	182962.090000
12	599780.007000	182248.357000	599778.300000	182248.220000
13	600449.003000	183291.606000	600449.420000	183292.460000
14	600238.794000	183071.398000	600238.650000	183072.400000