

Least Squares Fit Report File

Report Generated: Thu Feb 22 15:52:56 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\41_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	5.999901e+008	1.833908e+008
1	6.857830e+001	2.547184e+004
2	2.545234e+004	-6.082290e+000

Review Statistics

```

Degree of Freedom:      22
RMS of Residual Norms:  1.147833e-001
Std. Dev. of Residual Norms : 4.605856e-002
Standard Error:         1.952181e-002

```

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.324444e-002	-5.257620e-002	5.421874e-002
2	5.726904e-002	-1.669491e-001	1.764986e-001
3	1.103874e-001	2.861282e-002	1.140354e-001
4	-1.177538e-001	9.923588e-002	1.539926e-001
5	-1.371221e-001	1.953373e-002	1.385065e-001
6	1.837759e-002	1.109075e-001	1.124198e-001
7	3.908268e-002	1.493785e-001	1.544066e-001
8	-3.024977e-002	-9.395369e-003	3.167525e-002
9	3.322147e-002	-7.434918e-002	8.143382e-002
10	1.198526e-001	4.523574e-002	1.281051e-001
11	-8.067712e-002	1.814633e-002	8.269273e-002
12	-8.072670e-002	-2.039641e-002	8.326352e-002
13	2.428907e-002	-2.158756e-002	3.249587e-002
14	5.729418e-002	-1.257966e-001	1.382296e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600212.886000	184115.167000	600213.970000	184115.310000
2	600596.189000	183595.619000	600595.810000	183595.340000
3	600783.366000	183709.001000	600783.280000	183708.920000
4	600829.001000	184039.104000	600829.560000	184039.220000
5	600782.190000	183821.533000	600782.160000	183821.490000
6	600307.549000	183891.849000	600308.030000	183892.040000
7	600236.375000	183998.919000	600237.190000	183999.210000
8	600446.694000	184119.188000	600447.690000	184119.320000
9	600527.967000	183956.560000	600528.560000	183956.540000
10	600624.855000	184097.375000	600625.880000	184097.510000
11	600448.452000	183775.034000	600448.470000	183775.050000
12	600098.985000	184099.804000	600100.000000	184100.000000
13	600397.411000	184223.595000	600398.760000	184223.770000
14	600484.970000	184293.631000	600486.510000	184293.710000