

Least Squares Fit Report File

Report Generated: Fri Feb 23 08:43:25 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\30_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	5.999502e+008	1.789764e+008
1	-2.608942e+001	6.608562e+004
2	6.621020e+004	-6.880756e+001

Review Statistics

```

Degree of Freedom:          24
RMS of Residual Norms:      6.977794e-001
Std. Dev. of Residual Norms : 2.264387e-001
Standard Error:             1.126037e-001

```

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	1.986003e-001	-1.613830e-001	2.559034e-001
2	5.947108e-001	1.479683e-001	6.128422e-001
3	6.460603e-001	-4.428085e-001	7.832454e-001
4	-1.431907e-001	3.259496e-001	3.560151e-001
5	9.153369e-001	3.216719e-001	9.702136e-001
6	-1.601584e-001	-4.680408e-001	4.946847e-001
7	1.682281e-001	5.754631e-001	5.995486e-001
8	-3.437580e-001	-4.979057e-001	6.050452e-001
9	-5.879723e-001	-3.122635e-001	6.657476e-001
10	-1.040276e+000	4.088478e-001	1.117735e+000
11	-7.708131e-001	2.484225e-001	8.098559e-001
12	-6.057536e-001	8.525333e-002	6.117234e-001
13	7.151815e-001	5.467652e-001	9.002426e-001
14	-7.803113e-002	-6.409109e-001	6.456436e-001
15	4.918355e-001	-1.370293e-001	5.105675e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600006.423000	179511.425000	600006.470000	179511.500000
2	600705.961000	179078.451000	600707.210000	179078.530000
3	600890.135000	180555.554000	600891.020000	180553.410000
4	600466.152000	180765.509000	600465.780000	180764.370000
5	600259.431000	180283.358000	600260.120000	180282.900000
6	600350.867000	179404.856000	600350.910000	179404.370000
7	600349.037000	180005.076000	600349.170000	180005.050000
8	600342.690000	179714.129000	600342.420000	179713.320000
9	600760.458000	179772.665000	600760.300000	179771.550000
10	600558.763000	180430.816000	600557.710000	180429.990000
11	600618.054000	179478.209000	600617.700000	179478.090000
12	600555.756000	179910.509000	600555.340000	179909.870000
13	600988.732000	179251.385000	600990.290000	179251.400000
14	600784.936000	180102.701000	600785.180000	180100.910000
15	600292.658000	180698.336000	600292.790000	180696.980000