

## Least Squares Fit Report File

Report Generated: Fri Feb 23 16:15:44 2001

Active Design File: U:\Projekte\LWN\_Amt\_Seftigen\scannen\Rüti\_882\ruettor.dgn

Active Raster File: u:\projekte\lwn\_amt\_seftigen\scannen\rüti\_882\15\_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 <sub>i</sub>	b <sub>i</sub>
0	6.012135e+008	1.806160e+008
1	-1.411214e+001	5.099203e+004
2	5.072953e+004	3.523344e+001

## Review Statistics

```

Degree of Freedom:          26
RMS of Residual Norms:     2.407866e-001
Std. Dev. of Residual Norms : 1.057455e-001
Standard Error:            3.704409e-002

```

## List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.161788e-001	-9.364799e-002	1.492229e-001
2	2.265131e-001	1.594722e-001	2.770191e-001
3	-1.817395e-001	-3.617374e-001	4.048249e-001
4	-1.335456e-001	-2.726957e-002	1.363014e-001
5	-1.006296e-001	-1.293772e-002	1.014578e-001
6	-1.614144e-002	2.168420e-001	2.174419e-001
7	2.647340e-001	9.175916e-002	2.801854e-001
8	3.599499e-001	1.286035e-001	3.822340e-001
9	-1.932640e-001	-3.186297e-001	3.726605e-001
10	-1.442581e-001	8.137952e-003	1.444874e-001
11	-1.010852e-001	7.532161e-002	1.260617e-001
12	-9.367907e-003	2.407221e-001	2.409043e-001
13	2.680973e-001	1.045349e-001	2.877563e-001
14	7.993502e-002	-3.509118e-002	8.729833e-002
15	-6.003873e-002	-1.012163e-001	1.176835e-001
16	-1.429805e-001	-7.486347e-002	1.613938e-001

## Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601900.049000	181551.288000	601900.720000	181551.460000
2	602096.118000	181545.262000	602096.210000	181545.820000
3	602179.958000	181461.882000	602179.270000	181461.940000
4	602399.833000	181381.421000	602398.180000	181381.930000
5	602560.428000	181351.139000	602558.060000	181351.760000
6	602675.652000	181263.938000	602672.850000	181264.830000
7	602645.581000	181052.617000	602643.260000	181053.270000
8	602341.610000	181001.063000	602340.830000	181001.520000
9	602113.183000	180876.573000	602112.960000	180876.370000
10	601983.988000	181029.828000	601984.380000	181029.930000
11	601853.781000	181099.770000	601854.810000	181099.880000
12	601611.191000	181259.272000	601613.410000	181259.450000
13	601618.748000	181363.567000	601621.180000	181363.660000
14	601758.416000	181479.469000	601759.970000	181479.570000
15	601887.326000	181345.625000	601888.170000	181345.690000
16	602405.304000	181149.547000	602403.680000	181149.910000