

## Least Squares Fit Report File

Report Generated: Fri Feb 23 15:44:07 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\12\_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 <sub>i</sub>	b <sub>i</sub>
0	6.013584e+008	1.818032e+008
1	1.526050e+002	3.515363e+004
2	3.532534e+004	-1.118153e+002

## Review Statistics

```

Degree of Freedom:      22
RMS of Residual Norms:  3.860923e-001
Std. Dev. of Residual Norms : 1.639869e-001
Standard Error:         6.566477e-002

```

## List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	7.140669e-002	2.989913e-001	3.073999e-001
2	1.336544e-001	1.657121e-001	2.128944e-001
3	2.732588e-001	-4.583188e-001	5.335977e-001
4	-2.401456e-002	-3.034714e-001	3.044201e-001
5	-8.577472e-002	-5.419103e-002	1.014592e-001
6	-3.161122e-001	3.325516e-001	4.588219e-001
7	-1.107329e-001	3.530315e-001	3.699906e-001
8	1.915886e-001	4.323728e-001	4.729191e-001
9	-1.214056e-001	-3.962628e-001	4.144436e-001
10	3.780164e-001	-4.097286e-001	5.574710e-001
11	5.442652e-002	-1.580735e-002	5.667555e-002
12	-1.085482e-001	-3.208312e-001	3.386966e-001
13	-1.381713e-001	-1.719539e-001	2.205889e-001
14	-1.975920e-001	5.479056e-001	5.824459e-001

## Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601488.536000	182684.342000	601489.030000	182685.340000
2	601752.732000	182658.798000	601754.190000	182658.850000
3	601974.342000	182684.413000	601976.900000	182683.110000
4	601902.084000	182445.098000	601903.030000	182444.430000
5	601863.272000	182284.257000	601863.310000	182284.130000
6	602005.675000	182233.890000	602005.810000	182233.750000
7	601996.025000	182065.923000	601995.600000	182066.010000
8	602029.385000	181934.442000	602028.820000	181934.640000
9	601797.214000	182025.248000	601795.840000	182025.260000
10	601607.165000	182040.914000	601605.630000	182041.500000
11	601487.455000	182318.180000	601486.340000	182319.250000
12	601624.299000	182330.753000	601623.600000	182331.070000
13	601583.661000	182555.210000	601583.750000	182555.570000
14	601434.727000	182567.710000	601434.240000	182569.250000