

## Least Squares Fit Report File

Report Generated: Fri Feb 23 14:08:00 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\6\_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	6.030944e+008	1.798861e+008
1	7.672407e+001	3.971086e+004
2	3.981113e+004	3.322429e+001

## Review Statistics

```

=====
Degree of Freedom:          26
RMS of Residual Norms:     2.829367e-001
Std. Dev. of Residual Norms : 1.184915e-001
Standard Error:           4.352872e-002

```

## List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-3.216352e-002	-2.239308e-001	2.262288e-001
2	-2.263836e-001	-7.923670e-002	2.398500e-001
3	-1.356355e-001	-8.131024e-003	1.358790e-001
4	-1.908943e-001	1.226499e-001	2.269000e-001
5	3.583062e-001	3.446116e-001	4.971323e-001
6	-1.099333e-001	-3.990159e-001	4.138828e-001
7	3.020657e-001	-1.583185e-001	3.410402e-001
8	-3.204974e-001	1.423116e-001	3.506725e-001
9	-1.400804e-001	-1.017365e-001	1.731266e-001
10	-2.197082e-002	-2.103245e-001	2.114690e-001
11	-2.888407e-002	2.584498e-001	2.600589e-001
12	3.951138e-001	-4.095917e-002	3.972311e-001
13	2.724093e-001	-1.804260e-002	2.730061e-001
14	-3.168822e-002	9.265315e-002	9.792216e-002
15	-9.529079e-003	5.352561e-002	5.436722e-002
16	-8.023472e-002	2.254939e-001	2.393431e-001

## Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	603647.730000	180773.477000	603647.670000	180773.580000
2	603739.888000	180631.922000	603739.350000	180632.620000
3	603786.999000	180582.040000	603786.450000	180582.980000
4	603737.935000	180396.982000	603736.980000	180398.500000
5	603697.462000	180152.539000	603696.590000	180154.890000
6	603484.323000	180018.537000	603482.750000	180020.320000
7	603619.538000	180023.286000	603618.370000	180025.410000
8	603283.248000	180346.278000	603282.120000	180347.570000
9	603385.769000	180507.582000	603385.120000	180508.290000
10	603238.316000	180604.770000	603237.990000	180604.990000
11	603270.929000	180754.128000	603270.880000	180754.450000
12	603352.952000	180802.286000	603353.410000	180802.250000
13	603463.766000	180741.019000	603463.970000	180741.260000
14	603611.295000	180607.503000	603610.920000	180608.330000
15	603504.029000	180291.478000	603503.080000	180293.010000
16	603393.778000	180207.687000	603392.610000	180209.520000