

Least Squares Fit Report File

Report Generated: Fri Feb 23 13:31:52 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\3_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 _i	b _i
0	6.021936e+008	1.815873e+008
1	2.102489e+001	3.696584e+004
2	3.703929e+004	1.321365e+001

Review Statistics

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Degree of Freedom:      20
RMS of Residual Norms:  2.570512e-001
Std. Dev. of Residual Norms : 1.081162e-001
Standard Error:         4.634056e-002
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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-9.357195e-002	-2.533778e-001	2.701037e-001
2	7.722583e-002	5.609327e-002	9.544781e-002
3	-1.057314e-001	2.649990e-001	2.853132e-001
4	-3.344644e-002	1.511439e-001	1.548003e-001
5	2.663924e-002	-2.262635e-001	2.278263e-001
6	2.713632e-001	-2.941769e-001	4.002225e-001
7	-5.042064e-002	1.270212e-001	1.366625e-001
8	-2.624749e-001	1.251923e-001	2.908027e-001
9	-1.004246e-001	2.048406e-001	2.281332e-001
10	3.750282e-003	-3.077026e-002	3.099796e-002
11	2.417860e-001	-3.590906e-002	2.444380e-001
12	1.723031e-001	-3.511748e-001	3.911676e-001
13	-1.469978e-001	2.623820e-001	3.007534e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	602761.276000	182451.831000	602761.030000	182451.720000
2	602827.050000	182320.077000	602827.120000	182320.120000
3	602905.571000	182160.357000	602905.630000	182160.420000
4	602820.445000	182000.149000	602820.200000	181999.850000
5	602631.068000	181791.268000	602630.130000	181790.240000
6	602551.896000	181725.214000	602550.900000	181724.000000
7	602429.046000	181818.520000	602427.370000	181817.810000
8	602459.926000	182061.970000	602458.280000	182061.600000
9	602340.166000	182341.074000	602338.440000	182341.120000
10	602422.036000	182431.827000	602420.740000	182431.790000
11	602494.636000	182447.395000	602493.830000	182447.400000
12	602661.991000	182384.366000	602661.640000	182384.030000
13	602644.580000	182136.096000	602643.710000	182136.030000