

Least Squares Fit Report File

Report Generated: Thu Feb 22 16:03:18 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\40_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	5.993209e+008	1.832423e+008
1	-5.549939e+000	2.576821e+004
2	2.571881e+004	5.733007e+001

Review Statistics

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Degree of Freedom:      20
RMS of Residual Norms:  2.463522e-001
Std. Dev. of Residual Norms : 1.234648e-001
Standard Error:         4.441178e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.967056e-001	-5.780127e-002	2.050222e-001
2	9.888899e-002	-9.957232e-002	1.403342e-001
3	1.541786e-001	3.755100e-002	1.586856e-001
4	-2.779730e-001	-2.570094e-002	2.791586e-001
5	-1.889583e-001	1.656779e-001	2.513054e-001
6	4.462657e-002	-5.873434e-002	7.376485e-002
7	-1.487056e-001	1.456043e-001	2.081201e-001
8	-1.012205e-001	8.375189e-002	1.313772e-001
9	4.148871e-001	-2.140088e-001	4.668308e-001
10	1.062670e-002	-1.336535e-001	1.340753e-001
11	7.367009e-002	-3.563567e-003	7.375622e-002
12	2.908214e-001	3.310580e-001	4.406546e-001
13	-1.741363e-001	-1.706084e-001	2.437840e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600308.476000	183890.861000	600308.030000	183892.040000
2	599461.904000	183929.905000	599462.430000	183929.200000
3	599547.839000	183979.871000	599548.340000	183979.550000
4	600003.710000	184026.607000	600003.400000	184027.290000
5	599780.918000	183735.535000	599780.940000	183735.590000
6	599702.143000	183839.000000	599702.440000	183838.770000
7	599829.234000	183536.888000	599829.300000	183536.810000
8	599968.489000	183396.995000	599968.520000	183397.010000
9	600193.692000	183568.281000	600194.020000	183568.690000
10	599937.397000	183791.204000	599937.480000	183791.370000
11	599966.258000	183608.922000	599966.420000	183609.080000
12	600235.988000	183696.839000	600236.130000	183698.030000
13	600102.750000	183301.806000	600102.620000	183301.760000