

Least Squares Fit Report File

Report Generated: Fri Feb 23 11:21:00 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\20_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	6.004837e+008	1.808902e+008
1	3.675658e+000	2.554840e+004
2	2.548585e+004	-3.318358e+000

Review Statistics

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Degree of Freedom:          20
RMS of Residual Norms:      1.544252e-001
Std. Dev. of Residual Norms : 8.142097e-002
Standard Error:             2.783940e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-2.591406e-001	1.205627e-001	2.858132e-001
2	2.186071e-002	6.412452e-002	6.774839e-002
3	-2.506669e-001	3.397442e-002	2.529588e-001
4	-3.647625e-002	2.625851e-002	4.494470e-002
5	1.804159e-002	4.715497e-002	5.048851e-002
6	2.288315e-002	1.137943e-001	1.160723e-001
7	4.607853e-002	-1.822614e-002	4.955222e-002
8	1.504601e-002	-5.787052e-002	5.979448e-002
9	1.254994e-001	-7.223284e-002	1.448023e-001
10	-1.200343e-001	-1.753424e-001	2.124928e-001
11	1.908670e-001	1.016469e-002	1.911375e-001
12	1.142258e-001	-8.619933e-002	1.431008e-001
13	1.118159e-001	-6.162856e-003	1.119856e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600638.339000	180951.814000	600638.210000	180951.870000
2	601196.691000	180951.473000	601195.530000	180951.400000
3	601122.789000	181512.679000	601121.610000	181512.640000
4	600661.369000	181448.673000	600661.480000	181448.680000
5	600685.705000	181286.791000	600685.790000	181286.800000
6	601202.266000	181209.229000	601201.130000	181209.230000
7	600872.496000	181427.167000	600872.190000	181427.100000
8	600935.184000	181291.238000	600934.680000	181291.110000
9	600996.106000	181088.320000	600995.540000	181088.150000
10	600871.777000	180964.449000	600871.240000	180964.180000
11	600688.506000	181166.980000	600688.740000	181166.940000
12	600995.682000	181396.044000	600995.150000	181395.890000
13	600761.602000	181062.276000	600761.570000	181062.200000