

Least Squares Fit Report File

Report Generated: Fri Feb 23 10:27:45 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\25_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	5.991925e+008	1.797027e+008
1	4.076492e+001	2.542056e+004
2	2.549820e+004	-3.470015e+001

Review Statistics

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Degree of Freedom:      20
RMS of Residual Norms:  2.841196e-001
Std. Dev. of Residual Norms : 1.343987e-001
Standard Error:         5.122038e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	1.585528e-002	5.097784e-001	5.100249e-001
2	9.694746e-002	-1.468252e-001	1.759444e-001
3	-1.873954e-002	3.454195e-001	3.459274e-001
4	-1.910547e-001	-6.320807e-002	2.012390e-001
5	1.524497e-001	2.590648e-003	1.524717e-001
6	1.179573e-001	-2.461756e-001	2.729768e-001
7	-1.115949e-001	-7.435797e-002	1.340989e-001
8	1.597512e-001	1.215915e-001	2.007609e-001
9	5.703264e-003	-1.418754e-001	1.419900e-001
10	-2.832122e-001	-6.242348e-003	2.832809e-001
11	3.407972e-002	-5.186030e-001	5.197216e-001
12	-8.320801e-002	2.312055e-001	2.457225e-001
13	1.050654e-001	-1.329789e-002	1.059036e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600093.886000	179914.063000	600093.800000	179914.350000
2	599891.693000	180652.237000	599892.460000	180651.390000
3	599464.439000	180625.645000	599464.180000	180625.900000
4	599774.658000	180140.802000	599774.080000	180140.720000
5	599952.607000	179894.918000	599952.340000	179894.910000
6	599993.304000	180603.315000	599994.220000	180602.280000
7	599936.636000	180324.061000	599936.760000	180323.560000
8	599698.464000	180613.926000	599698.840000	180613.650000
9	599677.177000	180410.603000	599677.030000	180410.300000
10	600060.626000	180411.331000	600060.970000	180410.640000
11	599600.931000	180000.157000	599600.000000	180000.000000
12	599500.612000	180399.678000	599500.000000	180400.000000
13	599962.837000	180067.584000	599962.820000	180067.370000