

Least Squares Fit Report File

Report Generated: Thu Feb 22 15:44:00 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\42_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	6.000589e+008	1.830440e+008
1	3.079223e+001	2.549726e+004
2	2.543662e+004	-1.597389e+001

Review Statistics

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Degree of Freedom:      24
RMS of Residual Norms:  2.361259e-001
Std. Dev. of Residual Norms : 1.190665e-001
Standard Error:         3.810465e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.188177e-001	-6.033053e-004	1.188193e-001
2	-2.190951e-001	-2.781607e-002	2.208538e-001
3	8.353145e-002	1.861455e-002	8.558039e-002
4	-3.996246e-002	-5.254711e-004	3.996591e-002
5	-1.729381e-001	7.726390e-002	1.894130e-001
6	3.284113e-001	1.897304e-001	3.792777e-001
7	-2.071274e-001	2.243958e-002	2.083394e-001
8	-1.003464e-001	-1.045621e-001	1.449228e-001
9	-8.558165e-002	-3.788913e-001	3.884364e-001
10	3.964828e-001	-8.479012e-003	3.965735e-001
11	3.455580e-002	-2.613081e-003	3.465446e-002
12	3.034390e-001	4.386705e-002	3.065935e-001
13	-1.290188e-001	7.242080e-002	1.479548e-001
14	-2.449917e-001	2.958392e-002	2.467715e-001
15	1.714589e-001	6.957016e-002	1.850356e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600446.902000	183774.941000	600448.470000	183775.050000
2	600759.164000	183720.670000	600759.630000	183720.590000
3	600933.450000	183516.776000	600933.450000	183516.760000
4	600843.614000	183127.477000	600843.290000	183127.740000
5	600139.860000	183290.690000	600141.710000	183291.370000
6	600210.053000	183652.026000	600212.630000	183652.550000
7	600538.855000	183270.352000	600539.450000	183270.740000
8	600594.884000	183595.316000	600595.810000	183595.340000
9	600277.576000	183505.736000	600279.360000	183505.740000
10	600924.430000	183268.213000	600924.470000	183268.330000
11	600451.586000	183424.188000	600452.870000	183424.510000
12	600619.725000	183429.350000	600620.780000	183429.610000
13	600594.059000	183198.602000	600594.480000	183199.050000
14	600900.007000	183700.098000	600900.000000	183700.000000
15	600305.607000	183891.845000	600308.030000	183892.040000