

Least Squares Fit Report File

Report Generated: Thu Feb 22 15:34:03 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\43_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	6.008512e+008	1.826106e+008
1	1.311249e+001	3.294617e+004
2	3.302238e+004	1.052639e+000

Review Statistics

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Degree of Freedom:      24
RMS of Residual Norms:  3.048399e-001
Std. Dev. of Residual Norms : 1.609948e-001
Standard Error:         4.919333e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	1.778087e-001	1.241498e-001	2.168619e-001
2	-8.222726e-002	5.953099e-002	1.015148e-001
3	1.170619e-001	1.702080e-002	1.182929e-001
4	1.798169e-001	1.615021e-001	2.416962e-001
5	2.394365e-004	-3.913266e-001	3.913267e-001
6	-1.791900e-001	1.424486e-002	1.797553e-001
7	6.546528e-002	1.344329e-001	1.495256e-001
8	4.963017e-002	-3.362218e-001	3.398650e-001
9	-2.686125e-001	1.963018e-001	3.326967e-001
10	1.149157e-001	-1.557786e-001	1.935784e-001
11	-1.174541e-001	3.959346e-001	4.129887e-001
12	-3.169893e-002	-3.006185e-003	3.184115e-002
13	-1.547871e-001	1.912292e-001	2.460237e-001
14	4.679199e-002	2.799351e-001	2.838189e-001
15	8.223982e-002	-6.879491e-001	6.928472e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600934.303000	183516.725000	600933.450000	183516.760000
2	601466.068000	183341.864000	601466.150000	183341.840000
3	601283.989000	182670.366000	601283.570000	182670.250000
4	601488.893000	182685.304000	601489.030000	182685.340000
5	601049.546000	182714.009000	601048.470000	182713.480000
6	600925.259000	182920.044000	600923.790000	182919.930000
7	600871.588000	183281.792000	600870.380000	183281.820000
8	601279.988000	182891.325000	601279.580000	182890.870000
9	601226.863000	183216.893000	601226.140000	183216.990000
10	601257.752000	183402.842000	601257.560000	183402.600000
11	601487.371000	183094.553000	601487.370000	183094.850000
12	600995.950000	183104.437000	600994.870000	183104.320000
13	601093.231000	183206.783000	601092.300000	183206.870000
14	600881.625000	183376.770000	600880.460000	183376.950000
15	601223.240000	183545.426000	601222.990000	183544.660000