

Least Squares Fit Report File

Report Generated: Fri Feb 23 16:07:29 2001

Active Design File: U:\Projekte\LWN_Amt_Seftigen\scannen\Rüti_882\ruettor.dgn

Active Raster File: u:\projekte\lwn_amt_seftigen\scannen\rüti_882\14_h.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	6.010706e+008	1.812153e+008
1	-1.735854e+002	3.565746e+004
2	3.551755e+004	4.913147e+001

Review Statistics

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Degree of Freedom:          24
RMS of Residual Norms:      3.064014e-001
Std. Dev. of Residual Norms : 1.094968e-001
Standard Error:             4.944532e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	5.101322e-002	-3.048979e-002	5.943043e-002
2	2.070810e-001	2.795972e-001	3.479326e-001
3	2.579985e-001	9.572407e-002	2.751842e-001
4	1.466685e-003	-3.555194e-001	3.555224e-001
5	-3.929202e-001	9.733735e-002	4.047973e-001
6	9.994571e-002	2.602367e-001	2.787693e-001
7	-1.177524e-001	-2.231375e-001	2.523014e-001
8	8.908647e-002	-7.641118e-002	1.173672e-001
9	1.185998e-001	1.782773e-001	2.141231e-001
10	1.853493e-001	3.229342e-001	3.723451e-001
11	1.576542e-001	3.490185e-002	1.614713e-001
12	2.139649e-002	-3.503199e-001	3.509727e-001
13	-7.520569e-002	-3.075680e-001	3.166291e-001
14	-2.810854e-001	-2.298446e-001	3.630944e-001
15	-3.226276e-001	3.042817e-001	4.434815e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601771.420000	181918.667000	601770.270000	181919.870000
2	602033.979000	181774.408000	602033.610000	181775.760000
3	601997.890000	181543.720000	601998.710000	181544.000000
4	601759.024000	181480.302000	601759.970000	181479.570000
5	601427.555000	181369.261000	601428.750000	181368.120000
6	601346.478000	181569.951000	601347.210000	181569.590000
7	601437.709000	181697.983000	601437.570000	181697.730000
8	601858.498000	181664.785000	601858.600000	181665.140000
9	601903.744000	181878.003000	601902.820000	181879.450000
10	601221.803000	181766.098000	601221.700000	181766.340000
11	601388.041000	181852.004000	601387.440000	181852.500000
12	601558.724000	181898.016000	601557.710000	181898.530000
13	601750.371000	181714.236000	601750.100000	181714.390000
14	601840.099000	182003.812000	601838.180000	182005.220000
15	602030.491000	181932.693000	602028.820000	181934.640000