

Least Squares Fit Report File

Report Generated: Fri Feb 23 14:39:30 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\9_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	6.019453e+008	1.803525e+008
1	-3.356377e+001	3.831965e+004
2	3.820958e+004	-1.422361e+002

Review Statistics

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Degree of Freedom:          26
RMS of Residual Norms:      2.243128e-001
Std. Dev. of Residual Norms : 7.737525e-002
Standard Error:             3.450966e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.101421e-002	1.479981e-001	1.484074e-001
2	1.788107e-001	1.011602e-001	2.054426e-001
3	1.330148e-001	2.581546e-001	2.904079e-001
4	-8.077424e-002	-6.026148e-002	1.007766e-001
5	-2.313327e-001	1.433594e-001	2.721521e-001
6	-2.538299e-002	-1.985933e-001	2.002089e-001
7	3.855680e-002	-9.098164e-002	9.881440e-002
8	9.997775e-002	2.380332e-001	2.581770e-001
9	6.020685e-002	2.073512e-001	2.159152e-001
10	-3.846332e-001	-3.606287e-002	3.863201e-001
11	-2.378041e-001	-1.412812e-001	2.766065e-001
12	7.476778e-002	-1.545103e-001	1.716498e-001
13	-5.710625e-002	-1.582611e-001	1.682489e-001
14	3.162683e-002	-1.427183e-001	1.461806e-001
15	1.355475e-001	-9.869960e-002	1.676745e-001
16	2.755386e-001	-1.468694e-002	2.759297e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	602889.983000	180949.974000	602889.970000	180950.180000
2	602841.793000	180794.910000	602842.090000	180794.750000
3	602931.068000	180930.330000	602931.230000	180930.430000
4	602848.466000	181119.981000	602848.220000	181120.680000
5	602824.741000	181207.069000	602824.260000	181208.340000
6	602634.920000	181174.758000	602634.610000	181176.290000
7	602341.020000	180999.350000	602340.830000	181001.520000
8	602113.054000	180873.427000	602112.960000	180876.370000
9	602198.368000	180694.411000	602198.420000	180696.430000
10	602357.096000	180587.579000	602356.850000	180588.420000
11	602475.466000	180515.118000	602475.470000	180515.180000
12	602649.718000	180597.874000	602650.020000	180597.540000
13	602598.322000	181047.371000	602598.080000	181048.670000
14	602709.295000	181011.823000	602709.210000	181012.610000
15	602534.313000	180890.657000	602534.380000	180891.750000
16	602419.656000	180679.814000	602420.010000	180680.740000