

Least Squares Fit Report File

Report Generated: Mon Feb 26 09:39:34 2001
Active Design File: U:\Projekte\LWN_Amt_Seftigen\scannen\Riggisberg_879\riggbaa.dgn
Active Raster File: u:\projekte\lwn_amt_seftigen\scannen\riggisberg_879\26_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	6.000790e+008	1.844212e+008
1	3.328412e+001	2.543515e+004
2	2.533220e+004	-6.693611e+000

Review Statistics

Degree of Freedom: 22
RMS of Residual Norms: 2.480416e-001
Std. Dev. of Residual Norms : 1.136839e-001
Standard Error: 4.218577e-002

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	4.013841e-001	2.162663e-001	4.559389e-001
2	-2.839005e-001	-8.078613e-002	2.951710e-001
3	-8.519702e-002	6.619567e-002	1.078907e-001
4	3.671550e-001	4.527276e-002	3.699357e-001
5	-3.588773e-001	-6.885906e-002	3.654237e-001
6	6.050163e-002	-2.074777e-001	2.161190e-001
7	2.966176e-002	1.632302e-001	1.659033e-001
8	-1.563517e-001	6.390435e-002	1.689072e-001
9	-8.356001e-002	-1.800946e-001	1.985355e-001
10	-1.016635e-001	-1.751615e-001	2.025266e-001
11	-2.022990e-002	-1.376933e-001	1.391714e-001
12	9.481936e-002	1.537819e-001	1.806643e-001
13	-2.966748e-002	-2.425222e-003	2.976644e-002
14	1.659257e-001	1.438464e-001	2.195976e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	600104.227000	184845.589000	600106.320000	184846.440000
2	600458.401000	184465.664000	600458.420000	184465.540000
3	600897.827000	184870.440000	600897.470000	184870.970000
4	600738.547000	184532.459000	600738.600000	184532.490000
5	600401.182000	184938.779000	600401.890000	184939.410000
6	600698.837000	184880.985000	600699.140000	184881.310000
7	600923.234000	184658.356000	600922.650000	184658.650000
8	600297.386000	184704.090000	600298.250000	184704.520000
9	600376.789000	184844.419000	600377.710000	184844.800000
10	600508.102000	184749.325000	600508.550000	184749.530000
11	600677.202000	184706.498000	600677.250000	184706.630000
12	600937.771000	184776.168000	600937.370000	184776.630000
13	600473.995000	184596.129000	600474.400000	184596.280000
14	600219.530000	184908.505000	600221.180000	184909.350000