

Least Squares Fit Report File

Report Generated: Mon Feb 26 11:02:01 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\22_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	6.014654e+008	1.840414e+008
1	4.658910e+001	2.570667e+004
2	2.561160e+004	-1.437233e+001

Review Statistics

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Degree of Freedom:      20
RMS of Residual Norms:  2.041243e-001
Std. Dev. of Residual Norms : 1.010486e-001
Standard Error:         3.679903e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	3.428929e-001	1.247588e-001	3.648839e-001
2	2.035887e-002	-9.801053e-002	1.001027e-001
3	2.211077e-001	5.704973e-002	2.283490e-001
4	4.858284e-002	-1.669609e-001	1.738857e-001
5	-2.532581e-001	-1.182817e-001	2.795179e-001
6	-5.077311e-002	-6.305401e-002	8.095503e-002
7	-2.911169e-001	1.516420e-001	3.282443e-001
8	-1.031312e-001	-4.023517e-002	1.107019e-001
9	1.111906e-001	5.555825e-002	1.242983e-001
10	1.670904e-001	4.251098e-002	1.724134e-001
11	-3.881390e-002	-7.965178e-003	3.962276e-002
12	6.136625e-002	7.326321e-002	9.556837e-002
13	-2.354964e-001	-1.027544e-002	2.357204e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601491.484000	184228.666000	601491.900000	184229.100000
2	602283.197000	184135.872000	602280.030000	184135.660000
3	602401.630000	184394.617000	602398.670000	184394.440000
4	601795.325000	184764.039000	601795.230000	184763.900000
5	601907.159000	184159.527000	601905.230000	184159.500000
6	601634.069000	184485.617000	601634.000000	184485.730000
7	602140.358000	184589.837000	602138.260000	184589.860000
8	602033.972000	184342.858000	602032.030000	184342.800000
9	601795.398000	184578.978000	601795.030000	184579.100000
10	602338.506000	184268.490000	602335.510000	184268.360000
11	601858.868000	184401.220000	601857.780000	184401.280000
12	601627.302000	184346.778000	601627.120000	184347.060000
13	601678.997000	184205.371000	601678.060000	184205.570000