

Least Squares Fit Report File

Report Generated: Mon Feb 26 11:48:28 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\10_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	6.029491e+008	1.830862e+008
1	-5.444281e+001	2.540232e+004
2	2.531486e+004	1.682407e+000

Review Statistics

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Degree of Freedom:      20
RMS of Residual Norms:  2.183121e-001
Std. Dev. of Residual Norms : 1.169537e-001
Standard Error:         3.935678e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.181419e-001	-1.009126e-001	1.553733e-001
2	-1.257773e-001	1.426536e-001	1.901841e-001
3	-7.050041e-002	-1.976591e-001	2.098557e-001
4	-4.399129e-003	-4.680327e-002	4.700955e-002
5	-2.355465e-001	-6.648039e-002	2.447485e-001
6	2.739050e-002	-1.562278e-001	1.586107e-001
7	2.748802e-001	-2.564017e-002	2.760735e-001
8	-3.159847e-002	3.705284e-002	4.869678e-002
9	1.106773e-002	7.305904e-002	7.389261e-002
10	-2.128552e-001	3.206151e-001	3.848395e-001
11	-1.375061e-002	-1.233657e-001	1.241296e-001
12	1.070616e-001	2.276133e-002	1.094543e-001
13	3.921695e-001	1.209469e-001	4.103963e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	603886.882000	183326.721000	603884.740000	183326.730000
2	603658.351000	183830.496000	603655.910000	183830.730000
3	603079.361000	183733.694000	603079.180000	183733.550000
4	603321.615000	183278.504000	603321.640000	183278.530000
5	603577.012000	183313.427000	603575.850000	183313.450000
6	603759.556000	183657.417000	603757.290000	183657.360000
7	603142.743000	183471.816000	603143.250000	183471.850000
8	603383.516000	183712.559000	603382.370000	183712.670000
9	603525.021000	183474.382000	603523.940000	183474.540000
10	603281.356000	183535.791000	603280.760000	183536.180000
11	603431.677000	183825.807000	603430.140000	183825.760000
12	603797.014000	183432.734000	603795.180000	183432.860000
13	603656.009000	183557.086000	603654.680000	183557.300000