

Least Squares Fit Report File

Report Generated: Mon Feb 26 12:02:55 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\8_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

Coefficients

i	a _i	b _i
0	6.036315e+008	1.831381e+008
1	-5.948509e+000	2.552508e+004
2	2.547434e+004	-6.792765e+001

Review Statistics

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Degree of Freedom:      22
RMS of Residual Norms:  1.726198e-001
Std. Dev. of Residual Norms : 7.483198e-002
Standard Error:         2.935838e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	2.346495e-002	6.292469e-002	6.715743e-002
2	-1.918389e-001	-2.387964e-001	3.063102e-001
3	2.128400e-001	-4.984164e-002	2.185979e-001
4	-1.338473e-001	2.460024e-002	1.360892e-001
5	-9.251073e-002	-1.467031e-001	1.734360e-001
6	-6.175640e-002	3.693061e-002	7.195639e-002
7	1.166473e-001	-2.109092e-001	2.410171e-001
8	2.341890e-002	8.185913e-002	8.514318e-002
9	9.539113e-003	7.061568e-002	7.125706e-002
10	-3.535862e-002	-1.190285e-001	1.241693e-001
11	1.289592e-001	1.366430e-001	1.878877e-001
12	-2.701073e-002	2.334231e-001	2.349807e-001
13	1.318337e-001	1.122675e-001	1.731592e-001
14	-1.043804e-001	6.014970e-003	1.045536e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	603884.493000	183327.677000	603884.740000	183326.730000
2	604676.252000	183533.802000	604676.690000	183530.970000
3	604370.034000	183880.107000	604370.620000	183879.170000
4	603979.173000	183828.582000	603979.200000	183828.630000
5	603757.309000	183657.331000	603757.290000	183657.360000
6	604480.768000	183507.592000	604481.230000	183505.490000
7	603994.820000	183471.097000	603995.190000	183469.950000
8	604048.049000	183583.767000	604048.330000	183583.060000
9	604128.541000	183773.466000	604128.810000	183773.020000
10	603828.433000	183537.391000	603828.540000	183536.950000
11	603804.154000	183414.905000	603804.440000	183414.470000
12	604297.670000	183557.449000	604298.050000	183556.160000
13	604516.617000	183692.348000	604517.250000	183690.700000
14	603851.404000	183730.691000	603851.410000	183730.810000