

Least Squares Fit Report File

Report Generated: Mon Feb 26 13:14:24 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\2_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	6.016160e+008	1.842103e+008
1	6.547050e+001	2.564468e+004
2	2.563353e+004	3.120835e+001

Review Statistics

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Degree of Freedom: 18
 RMS of Residual Norms: 1.966952e-001
 Std. Dev. of Residual Norms : 8.950983e-002
 Standard Error: 3.785401e-002

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-2.947019e-001	4.536914e-002	2.981737e-001
2	-7.795479e-002	-2.144881e-001	2.282150e-001
3	-2.034069e-001	3.858516e-002	2.070342e-001
4	4.263291e-003	-5.958641e-002	5.973873e-002
5	-2.210671e-001	6.666408e-002	2.308999e-001
6	1.308317e-001	1.458169e-001	1.959069e-001
7	6.534578e-002	-2.052358e-002	6.849298e-002
8	1.377750e-001	-1.158127e-001	1.799848e-001
9	1.548276e-001	4.799638e-002	1.620964e-001
10	2.323414e-001	2.001182e-001	3.066428e-001
11	6.086002e-002	-1.535048e-001	1.651293e-001
12	1.088591e-002	1.936584e-002	2.221573e-002

Review Control Points

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Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601795.216000	184763.842000	601795.230000	184763.900000
2	602398.670000	184394.504000	602398.670000	184394.440000
3	602481.267000	184594.247000	602481.750000	184594.860000
4	602019.390000	185186.939000	602021.050000	185187.850000
5	602205.330000	185185.149000	602206.980000	185186.410000
6	602290.952000	184835.082000	602292.160000	184835.960000
7	602066.327000	184626.310000	602066.670000	184626.410000
8	601970.347000	184966.961000	601971.520000	184967.400000
9	602032.327000	184798.664000	602033.160000	184799.070000
10	602242.301000	184654.030000	602243.090000	184654.610000
11	602215.090000	185070.383000	602216.740000	185071.250000
12	602112.395000	184873.454000	602113.370000	184874.050000