

Least Squares Fit Report File

Report Generated: Mon Feb 26 11:42:22 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\11_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	6.025428e+008	1.827001e+008
1	-1.179055e+001	2.541204e+004
2	2.545450e+004	1.027256e+002

Review Statistics

Degree of Freedom: 26
RMS of Residual Norms: 2.300876e-001
Std. Dev. of Residual Norms : 1.157660e-001
Standard Error: 3.539809e-002

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.019961e-001	-6.676096e-003	1.022143e-001
2	-3.003389e-001	1.169031e-001	3.222884e-001
3	-1.302944e-001	3.866470e-002	1.359102e-001
4	-3.217486e-002	4.006769e-003	3.242339e-002
5	2.159408e-001	-7.503466e-003	2.160712e-001
6	2.999833e-001	-1.486988e-001	3.348154e-001
7	7.246629e-002	-7.701909e-002	1.057511e-001
8	2.240677e-001	-4.413729e-002	2.283735e-001
9	-4.712190e-001	2.055613e-001	5.141039e-001
10	1.181117e-001	-1.054580e-001	1.583407e-001
11	-2.217346e-002	-1.449434e-001	1.466296e-001
12	4.583246e-002	-1.513905e-001	1.581761e-001
13	2.236827e-001	-9.123304e-002	2.415728e-001
14	-6.978644e-002	7.759075e-002	1.043574e-001
15	8.053848e-002	1.785969e-001	1.959165e-001
16	-1.526403e-001	1.557362e-001	2.180661e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	603000.095000	182899.448000	603000.000000	182900.000000
2	602766.848000	183346.684000	602766.160000	183346.030000
3	603079.626000	183733.354000	603079.180000	183733.550000
4	603321.582000	183276.996000	603321.640000	183278.530000
5	603155.128000	183040.635000	603155.410000	183041.690000
6	602920.694000	183626.861000	602920.600000	183626.320000
7	602824.441000	183502.130000	602824.100000	183501.380000
8	602969.283000	183221.549000	602969.340000	183221.660000
9	603144.181000	183357.841000	603143.620000	183358.790000
10	603143.275000	183471.314000	603143.250000	183471.850000
11	602987.950000	183384.956000	602987.700000	183384.900000
12	603106.187000	183233.884000	603106.170000	183234.430000
13	602966.066000	183092.187000	602966.180000	183092.350000
14	603289.967000	183130.303000	603290.030000	183131.910000
15	603025.309000	183582.803000	603025.100000	183583.050000
16	602788.550000	183211.060000	602788.090000	183210.650000