

Least Squares Fit Report File

Report Generated: Mon Feb 26 11:19:11 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\20_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	6.011403e+008	1.830671e+008
1	1.831586e+001	2.539317e+004
2	2.531286e+004	1.022618e+001

Review Statistics

Degree of Freedom:	22
RMS of Residual Norms:	2.775622e-001
Std. Dev. of Residual Norms :	1.518119e-001
Standard Error:	4.720649e-002

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-2.554487e-001	4.665998e-002	2.596752e-001
2	-2.652359e-001	-1.751176e-001	3.178306e-001
3	1.452609e-001	1.700371e-001	2.236366e-001
4	-9.588568e-002	-4.009959e-002	1.039329e-001
5	6.461592e-001	1.786590e-001	6.704034e-001
6	-1.584415e-001	-2.562011e-001	3.012353e-001
7	1.483111e-001	1.327689e-002	1.489042e-001
8	8.129563e-002	1.270605e-001	1.508422e-001
9	-1.547065e-001	-3.016945e-003	1.547359e-001
10	-1.520370e-001	-4.123334e-002	1.575291e-001
11	-3.635608e-001	-3.246185e-002	3.650072e-001
12	6.927985e-002	-4.646674e-002	8.341975e-002
13	2.382961e-001	6.888129e-002	2.480518e-001
14	1.167134e-001	-9.977710e-003	1.171391e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601205.433000	183210.885000	601204.890000	183209.370000
2	601925.182000	183111.756000	601924.670000	183109.980000
3	602071.975000	183558.843000	602072.220000	183558.960000
4	601298.365000	183769.006000	601298.400000	183769.300000
5	601222.387000	183544.924000	601222.990000	183544.660000
6	601707.766000	183655.076000	601707.720000	183654.940000
7	601588.669000	183308.060000	601588.660000	183306.990000
8	601994.561000	183420.757000	601994.630000	183420.340000
9	601819.902000	183493.037000	601819.760000	183492.660000
10	601522.499000	183447.198000	601522.280000	183446.510000
11	601469.490000	183721.916000	601469.250000	183722.130000
12	601795.525000	183267.561000	601795.440000	183266.380000
13	602017.295000	183290.101000	602017.430000	183289.200000
14	601432.553000	183573.373000	601432.680000	183573.100000