

Least Squares Fit Report File

Report Generated: Fri Feb 23 15:57:24 2001

Active Design File: U:\Projekte\LWN_Amt_Seftigen\scannen\Rüti_882\ruettor.dgn

Active Raster File: u:\projekte\lwn_amt_seftigen\scannen\rüti_882\13_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	6.008240e+008	1.815552e+008
1	-1.548087e+002	3.629228e+004
2	3.619542e+004	-3.700299e+000

Review Statistics

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Degree of Freedom:          26
RMS of Residual Norms:      3.050159e-001
Std. Dev. of Residual Norms : 1.782047e-001
Standard Error:             4.692553e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	1.877694e-001	-1.609175e-001	2.472889e-001
2	-7.949218e-001	-1.523427e-001	8.093880e-001
3	1.318674e-001	-9.347870e-002	1.616393e-001
4	1.403232e-001	2.164308e-001	2.579397e-001
5	9.771210e-002	-2.907171e-002	1.019452e-001
6	3.708916e-002	1.451786e-001	1.498414e-001
7	-8.519671e-002	1.410336e-001	1.647694e-001
8	1.472381e-001	-1.501065e-001	2.102642e-001
9	-2.389453e-001	1.932209e-001	3.072933e-001
10	-7.927231e-002	9.869658e-002	1.265903e-001
11	1.552562e-001	3.532906e-001	3.858999e-001
12	4.998923e-002	5.270147e-002	7.263862e-002
13	2.400731e-001	-3.587854e-002	2.427393e-001
14	-6.104407e-002	-1.185357e-001	1.333307e-001
15	2.166143e-001	-5.638431e-002	2.238324e-001
16	-1.445521e-001	-4.038370e-001	4.289284e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	601486.798000	182319.265000	601486.340000	182319.250000
2	601471.891000	182398.504000	601470.150000	182398.510000
3	601563.154000	182147.399000	601563.180000	182147.420000
4	601605.249000	182041.188000	601605.630000	182041.500000
5	601733.623000	182103.628000	601733.370000	182103.690000
6	601838.338000	182005.008000	601838.180000	182005.220000
7	601815.187000	181872.648000	601815.530000	181872.840000
8	601555.053000	181862.574000	601556.330000	181862.500000
9	601416.627000	181801.225000	601418.130000	181801.500000
10	601094.721000	181929.829000	601096.650000	181930.060000
11	600959.282000	182152.140000	600960.840000	182152.670000
12	601161.724000	182204.694000	601162.440000	182204.910000
13	601366.559000	182149.961000	601367.180000	182150.060000
14	601294.800000	181869.045000	601296.500000	181869.030000
15	601334.216000	182289.529000	601334.300000	182289.630000
16	601191.186000	181743.597000	601193.600000	181743.290000