

Least Squares Fit Report File

Report Generated: Mon Feb 26 11:34:30 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\18_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	6.021287e+008	1.825880e+008
1	3.378328e+001	2.538655e+004
2	2.530634e+004	1.350388e+000

Review Statistics

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Degree of Freedom:      24
RMS of Residual Norms:  2.699377e-001
Std. Dev. of Residual Norms : 1.065966e-001
Standard Error:         4.356101e-002

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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-1.834403e-001	6.278358e-002	1.938869e-001
2	2.604391e-001	-1.394113e-001	2.954049e-001
3	-4.374601e-001	1.104505e-001	4.511880e-001
4	-1.303837e-001	1.785444e-001	2.210837e-001
5	1.368328e-001	2.502909e-001	2.852521e-001
6	-1.313006e-001	-2.233836e-001	2.591140e-001
7	-4.190791e-001	-4.147884e-002	4.211268e-001
8	2.258238e-001	2.366608e-001	3.271158e-001
9	5.529773e-002	-2.209667e-001	2.277808e-001
10	7.687674e-002	4.315780e-002	8.816251e-002
11	7.095813e-002	-1.713929e-001	1.855009e-001
12	3.132571e-001	1.195529e-002	3.134851e-001
13	4.204779e-002	4.274851e-002	5.996209e-002
14	-1.121765e-001	-1.426062e-001	1.814390e-001
15	2.323071e-001	2.647814e-003	2.323222e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	602188.151000	182930.330000	602188.180000	182930.340000
2	602869.266000	182700.747000	602867.580000	182700.490000
3	602926.639000	183137.152000	602924.680000	183137.340000
4	602960.067000	182998.853000	602958.140000	182999.050000
5	602931.692000	182841.552000	602929.900000	182841.750000
6	602620.232000	182744.425000	602618.890000	182744.090000
7	602393.719000	182837.914000	602392.830000	182837.790000
8	602231.923000	183063.905000	602232.420000	183064.150000
9	602588.235000	183340.322000	602587.960000	183340.250000
10	602389.001000	183055.144000	602388.910000	183055.200000
11	602656.575000	182964.974000	602655.630000	182964.790000
12	602547.249000	183225.042000	602547.190000	183225.150000
13	602750.247000	183071.468000	602749.160000	183071.550000
14	602789.252000	183210.690000	602788.090000	183210.650000
15	602782.507000	182829.243000	602781.200000	182829.180000