

Least Squares Fit Report File

Report Generated: Mon Feb 26 13:06:57 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\7_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	6.036322e+008	1.836179e+008
1	-6.650194e+000	2.573348e+004
2	2.584505e+004	-1.964981e+001

Review Statistics

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Degree of Freedom:          20
RMS of Residual Norms:      2.171699e-001
Std. Dev. of Residual Norms : 7.620622e-002
Standard Error:             3.915086e-002
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List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	-4.432280e-002	1.462817e-001	1.528491e-001
2	1.383851e-001	-2.487800e-001	2.846786e-001
3	-1.236757e-001	2.514847e-001	2.802503e-001
4	3.576549e-002	-1.520870e-001	1.562358e-001
5	1.925882e-002	-1.718726e-001	1.729482e-001
6	2.636891e-002	6.194270e-002	6.732175e-002
7	1.760188e-001	-1.897581e-001	2.588257e-001
8	-1.978857e-001	-3.988407e-002	2.018650e-001
9	-2.834197e-001	1.688014e-001	3.298798e-001
10	1.263240e-001	-5.319635e-002	1.370678e-001
11	1.640230e-001	3.949548e-002	1.687111e-001
12	1.616724e-001	-1.659820e-002	1.625222e-001
13	-1.985125e-001	2.041704e-001	2.847679e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	603794.736000	184195.956000	603794.360000	184195.140000
2	603979.179000	183828.633000	603979.200000	183828.630000
3	604370.620000	183879.156000	604370.620000	183879.170000
4	604306.054000	184545.366000	604306.000000	184542.580000
5	604166.438000	184533.225000	604166.280000	184530.570000
6	604002.232000	184356.628000	604002.020000	184354.980000
7	604128.640000	183772.873000	604128.810000	183773.020000
8	604090.388000	184003.059000	604090.100000	184002.540000
9	604162.982000	184218.938000	604162.600000	184217.780000
10	604264.495000	184368.978000	604264.550000	184366.970000
11	604399.828000	184402.140000	604400.000000	184400.000000
12	603815.441000	184018.985000	603815.330000	184018.640000
13	604011.634000	184174.946000	604011.250000	184174.100000