

Least Squares Fit Report File

Report Generated: Mon Feb 26 11:56:48 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\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	6.029638e+008	1.835571e+008
1	3.487582e+001	2.626649e+004
2	2.617600e+004	-2.389290e+001

Review Statistics

Degree of Freedom:	24
RMS of Residual Norms:	3.522931e-001
Std. Dev. of Residual Norms :	1.867571e-001
Standard Error:	5.685105e-002

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	5.538729e-001	-1.231155e-001	5.673911e-001
2	-5.652618e-001	-2.987443e-001	6.393505e-001
3	9.992156e-002	-2.559608e-001	2.747731e-001
4	4.109594e-001	-1.421262e-001	4.348419e-001
5	-2.898402e-001	9.471873e-003	2.899950e-001
6	1.501808e-001	3.036780e-001	3.387840e-001
7	3.154439e-002	2.182556e-001	2.205233e-001
8	1.556244e-001	1.643986e-001	2.263754e-001
9	1.237994e-001	-2.809921e-003	1.238313e-001
10	1.150004e-001	-1.967157e-001	2.278644e-001
11	5.728648e-002	2.935017e-002	6.436749e-002
12	-3.410743e-001	-5.407651e-002	3.453346e-001
13	-3.877759e-002	-1.099250e-001	1.165642e-001
14	-6.968688e-002	7.112052e-003	7.004886e-002
15	-3.935489e-001	4.512076e-001	5.987228e-001

Review Control Points

Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	603141.538000	183745.520000	603141.560000	183745.540000
2	603757.668000	183658.498000	603757.290000	183657.360000
3	603936.409000	183876.996000	603937.230000	183876.790000
4	603793.000000	184193.576000	603794.360000	184195.140000
5	603170.510000	184309.497000	603170.480000	184312.340000
6	603382.469000	183712.602000	603382.370000	183712.670000
7	603477.953000	184128.740000	603478.420000	184130.640000
8	603703.189000	184004.757000	603703.920000	184005.800000
9	603896.601000	184040.459000	603897.610000	184041.330000
10	603074.861000	183892.624000	603074.550000	183893.340000
11	603164.103000	183993.613000	603163.990000	183994.960000
12	603094.670000	184147.631000	603094.270000	184149.700000
13	603211.794000	184158.820000	603211.870000	184160.780000
14	603465.350000	183912.362000	603465.410000	183913.020000
15	603656.025000	183830.198000	603655.910000	183830.730000