

Least Squares Fit Report File

Report Generated: Fri Feb 23 13:15:07 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\2_h.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	6.026549e+008	1.816547e+008
1	-2.996216e+001	3.420196e+004
2	3.431723e+004	9.052142e+001

Review Statistics

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Degree of Freedom:	34
RMS of Residual Norms:	3.266791e-001
Std. Dev. of Residual Norms :	1.302776e-001
Standard Error:	4.296922e-002

List of Residuals

Point	X Residual	Y Residual	Residual Norm
1	1.713281e-001	-3.522480e-002	1.749117e-001
2	2.685892e-001	-5.004336e-002	2.732115e-001
3	-1.593138e-001	1.416165e-001	2.131575e-001
4	7.819862e-002	2.193374e-001	2.328603e-001
5	2.626733e-001	3.656594e-001	4.502266e-001
6	-4.861737e-001	1.413271e-001	5.062985e-001
7	-1.406067e-001	2.344298e-001	2.733635e-001
8	-2.660248e-001	-2.048838e-001	3.357776e-001
9	-6.921710e-002	-4.761112e-001	4.811163e-001
10	5.392954e-001	-1.991648e-001	5.748967e-001
11	1.488572e-001	1.662086e-001	2.231227e-001
12	1.141204e-001	2.129832e-001	2.416306e-001
13	-1.264762e-001	2.146719e-001	2.491591e-001
14	6.822387e-003	1.317401e-001	1.319166e-001
15	-4.300309e-002	-4.440125e-001	4.460901e-001
16	-1.843161e-001	-1.603866e-001	2.443282e-001
17	-2.992991e-001	6.912392e-002	3.071776e-001
18	4.172254e-003	6.768673e-002	6.781520e-002
19	-9.441210e-002	-2.789446e-001	2.944890e-001
20	2.747859e-001	-1.160130e-001	2.982722e-001

Review Control Points

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Point	Input Control Points (in m)		Output Control Points (in m)	
	X	Y	X	Y
1	602860.687000	182588.619000	602860.810000	182588.450000
2	602914.056000	182533.949000	602914.530000	182533.880000
3	602775.198000	182463.869000	602774.770000	182463.590000
4	602747.696000	182429.011000	602747.430000	182428.720000
5	602826.801000	182320.108000	602827.120000	182320.120000
6	602905.616000	182160.501000	602905.630000	182160.420000
7	602777.789000	182087.012000	602777.720000	182086.650000
8	602742.853000	181977.307000	602742.620000	181976.360000
9	602743.136000	181784.371000	602743.270000	181783.060000
10	602951.220000	181710.219000	602952.830000	181709.700000
11	603071.878000	181724.927000	603073.550000	181725.100000
12	603208.879000	181878.523000	603210.910000	181879.180000
13	603320.436000	181977.368000	603322.570000	181978.370000
14	603260.595000	182184.469000	603262.450000	182185.330000
15	603262.226000	182307.081000	603263.930000	182307.430000
16	603119.180000	182342.469000	603120.160000	182342.740000
17	603043.192000	182164.437000	603043.920000	182164.650000
18	603115.516000	181943.544000	603117.020000	181943.840000
19	603054.312000	182481.362000	603055.010000	182481.410000
20	602979.548000	182580.469000	602980.240000	182580.530000