

Least Squares Fit Report File

Report Generated: Fri Feb 23 13:43:42 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\4_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 | 6.020581e+008 | 1.802869e+008 |
| 1 | 7.623598e+001 | 8.258651e+004 |
| 2 | 8.263771e+004 | 2.549818e+002 |

Review Statistics

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Degree of Freedom:      26
RMS of Residual Norms:  3.599768e-001
Std. Dev. of Residual Norms : 1.343532e-001
Standard Error:         5.538104e-002

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List of Residuals

| Point | X Residual | Y Residual | Residual Norm |
|-------|----------------|----------------|---------------|
| 1 | -1.287332e-001 | -2.087244e-001 | 2.452307e-001 |
| 2 | -2.476637e-001 | -1.518323e-001 | 2.905002e-001 |
| 3 | -2.682992e-001 | 6.070299e-002 | 2.750806e-001 |
| 4 | -1.840354e-001 | 3.779085e-001 | 4.203378e-001 |
| 5 | 6.288352e-002 | 5.137862e-001 | 5.176202e-001 |
| 6 | 4.185432e-001 | -7.452338e-002 | 4.251261e-001 |
| 7 | 6.630930e-002 | -2.214981e-001 | 2.312105e-001 |
| 8 | -2.126246e-001 | -9.182823e-003 | 2.128228e-001 |
| 9 | -1.042820e-001 | -4.344600e-001 | 4.468000e-001 |
| 10 | -3.246941e-001 | 4.351973e-001 | 5.429760e-001 |
| 11 | 7.357059e-002 | 2.902932e-002 | 7.909066e-002 |
| 12 | 3.691539e-001 | -3.035879e-001 | 4.779542e-001 |
| 13 | 6.964294e-002 | -3.515158e-001 | 3.583483e-001 |
| 14 | -3.242710e-002 | -1.638832e-001 | 1.670606e-001 |
| 15 | 1.254297e-001 | 2.300251e-001 | 2.620003e-001 |
| 16 | 3.172261e-001 | 2.725585e-001 | 4.182350e-001 |

Review Control Points

| Point | Input Control Points (in m) | | Output Control Points (in m) | |
|-------|-----------------------------|---------------|------------------------------|---------------|
| | X | Y | X | Y |
| 1 | 603298.780000 | 182045.656000 | 603299.680000 | 182047.670000 |
| 2 | 603521.081000 | 181776.558000 | 603521.880000 | 181779.160000 |
| 3 | 603728.216000 | 181535.485000 | 603729.020000 | 181538.800000 |
| 4 | 603834.935000 | 181404.274000 | 603835.830000 | 181408.160000 |
| 5 | 603752.494000 | 181158.405000 | 603753.310000 | 181162.030000 |
| 6 | 603652.728000 | 180974.278000 | 603653.610000 | 180976.900000 |
| 7 | 603364.343000 | 180771.743000 | 603364.340000 | 180773.210000 |
| 8 | 602913.954000 | 180910.142000 | 602913.260000 | 180910.510000 |
| 9 | 602657.800000 | 181281.194000 | 602657.250000 | 181280.560000 |
| 10 | 602433.362000 | 181538.279000 | 602432.560000 | 181537.970000 |
| 11 | 602927.960000 | 181734.074000 | 602928.330000 | 181735.000000 |
| 12 | 603209.774000 | 181877.633000 | 603210.910000 | 181879.180000 |
| 13 | 603244.701000 | 181531.873000 | 603245.260000 | 181533.280000 |
| 14 | 603204.872000 | 181205.787000 | 603204.980000 | 181207.070000 |
| 15 | 602465.627000 | 181653.258000 | 602465.420000 | 181652.910000 |
| 16 | 602742.782000 | 181805.881000 | 602743.240000 | 181806.520000 |