

Least Squares Fit Report File

Report Generated: Thu Feb 22 16:30:10 2001

Active Design File: U:\Projekte\LWN_Amt_Seftigen\scannen\Rüti_882\ruetbaa.dgn

Active Raster File: u:\projekte\lwn_amt_seftigen\scannen\rüti_882\34_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 | 6.009463e+008 | 1.776108e+008 |
| 1 | -1.515754e+002 | 6.627920e+004 |
| 2 | 6.660099e+004 | 7.510105e+001 |

Review Statistics

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Degree of Freedom:      24
RMS of Residual Norms:  7.530490e-001
Std. Dev. of Residual Norms : 2.343523e-001
Standard Error:         1.215228e-001

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List of Residuals

| Point | X Residual | Y Residual | Residual Norm |
|-------|----------------|----------------|---------------|
| 1 | -1.391621e-001 | 3.654924e-001 | 3.910892e-001 |
| 2 | -2.696525e-001 | -6.684070e-001 | 7.207498e-001 |
| 3 | -4.441253e-001 | -6.273035e-001 | 7.686072e-001 |
| 4 | -6.808644e-001 | -5.967989e-001 | 9.053978e-001 |
| 5 | 8.998449e-001 | -4.139492e-001 | 9.904922e-001 |
| 6 | -1.443608e-001 | 3.845677e-001 | 4.107705e-001 |
| 7 | -5.527696e-001 | 2.048554e-001 | 5.895083e-001 |
| 8 | -6.119208e-001 | 3.631081e-001 | 7.115438e-001 |
| 9 | 3.433966e-001 | 6.785042e-001 | 7.604532e-001 |
| 10 | -1.106988e-001 | 8.296393e-001 | 8.369920e-001 |
| 11 | 7.026071e-001 | 5.768822e-001 | 9.090928e-001 |
| 12 | 1.995050e-001 | -5.262975e-001 | 5.628421e-001 |
| 13 | 3.152806e-003 | 6.795708e-001 | 6.795781e-001 |
| 14 | 7.722057e-001 | -9.053906e-001 | 1.189972e+000 |
| 15 | 3.284217e-002 | -3.444735e-001 | 3.460356e-001 |

Review Control Points

| Point | Input Control Points (in m) | | Output Control Points (in m) | |
|-------|-----------------------------|---------------|------------------------------|---------------|
| | X | Y | X | Y |
| 1 | 601013.754000 | 179059.045000 | 601010.850000 | 179059.220000 |
| 2 | 601061.166000 | 177792.912000 | 601061.220000 | 177793.040000 |
| 3 | 601509.602000 | 177712.664000 | 601511.510000 | 177713.400000 |
| 4 | 602070.473000 | 179498.895000 | 602070.370000 | 179498.980000 |
| 5 | 601163.902000 | 178304.108000 | 601164.380000 | 178304.230000 |
| 6 | 601073.994000 | 178718.887000 | 601072.110000 | 178719.400000 |
| 7 | 601258.279000 | 179272.366000 | 601255.480000 | 179272.500000 |
| 8 | 601225.540000 | 178632.233000 | 601224.010000 | 178632.960000 |
| 9 | 601554.880000 | 178247.321000 | 601556.540000 | 178249.020000 |
| 10 | 601988.166000 | 177943.045000 | 601991.850000 | 177945.610000 |
| 11 | 601545.592000 | 178887.515000 | 601546.110000 | 178888.630000 |
| 12 | 601383.553000 | 178052.236000 | 601384.810000 | 178052.680000 |
| 13 | 601467.105000 | 178511.454000 | 601467.460000 | 178512.860000 |
| 14 | 601737.294000 | 179522.178000 | 601737.220000 | 179521.560000 |
| 15 | 601174.486000 | 178076.799000 | 601174.660000 | 178077.170000 |