

Least Squares Fit Report File

Report Generated: Wed Feb 28 13:24:54 2001

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

Active Raster File: u:\projekte\lwn_amt_seftigen\scannen\rüti_882\35_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 | 6.002158e+008 | 1.756393e+008 |
| 1 | 6.496561e+001 | 9.090189e+004 |
| 2 | 9.102098e+004 | 2.230956e+002 |

Review Statistics

```

Degree of Freedom:      20
RMS of Residual Norms:  7.529715e-001
Std. Dev. of Residual Norms : 2.569966e-001
Standard Error:         1.357439e-001

```

List of Residuals

| Point | X Residual | Y Residual | Residual Norm |
|-------|----------------|----------------|---------------|
| 1 | 9.223066e-002 | 8.199968e-001 | 8.251674e-001 |
| 2 | 1.866222e-001 | 6.055551e-001 | 6.336599e-001 |
| 3 | -6.336495e-001 | -2.459220e-001 | 6.796979e-001 |
| 4 | -6.401407e-001 | 3.511885e-001 | 7.301462e-001 |
| 5 | 5.299649e-001 | -2.433941e-001 | 5.831839e-001 |
| 6 | 1.163564e+000 | -3.483422e-001 | 1.214588e+000 |
| 7 | 4.958207e-001 | -5.518488e-001 | 7.418728e-001 |
| 8 | -2.907619e-001 | 4.749856e-001 | 5.569146e-001 |
| 9 | -2.200614e-001 | 6.821779e-001 | 7.167941e-001 |
| 10 | 3.677331e-002 | 8.254111e-002 | 9.036211e-002 |
| 11 | -1.993875e-001 | -9.922522e-001 | 1.012087e+000 |
| 12 | 2.302486e-001 | -6.724007e-001 | 7.107300e-001 |
| 13 | -7.512234e-001 | 3.771499e-002 | 7.521695e-001 |

Review Control Points

| Point | Input Control Points (in m) | | Output Control Points (in m) | |
|-------|-----------------------------|---------------|------------------------------|---------------|
| | X | Y | X | Y |
| 1 | 601060.925000 | 177793.282000 | 601061.220000 | 177793.040000 |
| 2 | 601393.901000 | 177706.216000 | 601394.420000 | 177706.640000 |
| 3 | 601539.377000 | 177538.858000 | 601539.040000 | 177538.910000 |
| 4 | 601249.933000 | 177436.926000 | 601249.350000 | 177436.940000 |
| 5 | 601303.414000 | 177042.180000 | 601303.750000 | 177042.020000 |
| 6 | 601353.883000 | 176647.772000 | 601354.600000 | 176647.920000 |
| 7 | 601233.557000 | 176245.966000 | 601233.250000 | 176245.910000 |
| 8 | 601128.642000 | 175800.700000 | 601127.170000 | 175801.740000 |
| 9 | 600962.618000 | 176121.255000 | 600961.350000 | 176121.860000 |
| 10 | 601023.928000 | 176692.353000 | 601023.360000 | 176692.090000 |
| 11 | 600953.088000 | 177402.232000 | 600952.750000 | 177400.200000 |
| 12 | 601021.369000 | 176996.207000 | 601021.210000 | 176994.960000 |
| 13 | 601335.059000 | 176031.140000 | 601333.410000 | 176032.080000 |