image 27 res object points

|  |  |  |
| --- | --- | --- |
| 475.55 | -538.18 | 1090.5 |
| 517.62 | -194.43 | 1090.65 |
| -466.39 | -542.31 | 1091.55 |
| 321.09 | -667.45 | 1083.49 |

image 27 res image points

|  |  |
| --- | --- |
| 18.9433 | -81.8152 |
| 90.3787 | -91.0924 |
| 18.1493 | 109.5753 |
| -7.657 | -49.1117 |

image 27 res Approximated Parameters

|  |
| --- |
| 74.2026 |
| -632.4509 |
| 1840.789 |
| 0.0 |
| 0.0 |
| 90.0124 |

image 27 res Estimated Parameters

|  |
| --- |
| 100.2194 |
| -628.2854 |
| 1841.6937 |
| -0.1994 |
| 1.5142 |
| 90.1911 |

image 27 res residuals

|  |
| --- |
| -0.0192 |
| -0.0399 |
| -0.0126 |
| -0.0024 |
| -0.0147 |
| 0.0046 |
| 0.0468 |
| 0.0385 |

image 27 res other quantities

|  |
| --- |
| 0.0271 |
| 0.0278 |
| 2.0 |
| 3.6607 |

image 27 res STD

|  |
| --- |
| 0.4659 |
| 0.508 |
| 0.1806 |
| 0.0385 |
| 0.027 |
| 0.0063 |

image 27 res Correlation Matrix

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1.0 | -0.8363 | -0.8528 | 0.8514 | 0.9961 | 0.6499 |
| -0.8363 | 1.0 | 0.9149 | -0.9965 | -0.8478 | -0.5561 |
| -0.8528 | 0.9149 | 1.0 | -0.9293 | -0.8535 | -0.5428 |
| 0.8514 | -0.9965 | -0.9293 | 1.0 | 0.8627 | 0.5472 |
| 0.9961 | -0.8478 | -0.8535 | 0.8627 | 1.0 | 0.6315 |
| 0.6499 | -0.5561 | -0.5428 | 0.5472 | 0.6315 | 1.0 |

image 28 res object points

|  |  |  |
| --- | --- | --- |
| 475.55 | -538.18 | 1090.5 |
| 517.62 | -194.43 | 1090.65 |
| -466.39 | -542.31 | 1091.55 |
| 321.09 | -667.45 | 1083.49 |

image 28 res image points

|  |  |
| --- | --- |
| -72.5472 | -79.7643 |
| -1.3569 | -86.9497 |
| -77.8264 | 113.4049 |
| -98.855 | -48.0677 |

image 28 res Approximated Parameters

|  |
| --- |
| 95.6123 |
| -177.3366 |
| 1836.7543 |
| 0.0 |
| 0.0 |
| 88.6534 |

image 28 res Estimated Parameters

|  |
| --- |
| 105.8287 |
| -170.9495 |
| 1833.906 |
| -0.4304 |
| 0.5455 |
| 88.4534 |

image 28 res residuals

|  |
| --- |
| -0.0096 |
| -0.0408 |
| -0.0089 |
| 0.0146 |
| -0.0016 |
| 0.0027 |
| 0.0204 |
| 0.0238 |

image 28 res other quantities

|  |
| --- |
| 0.0121 |
| 0.0247 |
| 2.0 |
| 2.5974 |

image 28 res STD

|  |
| --- |
| 0.3481 |
| 0.3424 |
| 0.1812 |
| 0.025 |
| 0.0173 |
| 0.0086 |

image 28 res Correlation Matrix

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1.0 | 0.4267 | -0.6297 | -0.4554 | 0.9891 | -0.8523 |
| 0.4267 | 1.0 | -0.8674 | -0.9906 | 0.3687 | -0.4978 |
| -0.6297 | -0.8674 | 1.0 | 0.9087 | -0.5763 | 0.6151 |
| -0.4554 | -0.9906 | 0.9087 | 1.0 | -0.3979 | 0.5051 |
| 0.9891 | 0.3687 | -0.5763 | -0.3979 | 1.0 | -0.8063 |
| -0.8523 | -0.4978 | 0.6151 | 0.5051 | -0.8063 | 1.0 |

test res object points

|  |  |  |
| --- | --- | --- |
| 7350.27 | 4382.54 | 276.42 |
| 6717.22 | 4626.41 | 280.05 |
| 6905.26 | 3279.84 | 266.47 |
| 6172.84 | 3269.45 | 248.1 |

test res image points

|  |  |
| --- | --- |
| 106.399 | 90.426 |
| 18.989 | 93.365 |
| 98.681 | -62.769 |
| 9.278 | -92.926 |

test res Approximated Parameters

|  |
| --- |
| 6338.6356 |
| 3984.639 |
| 1453.0597 |
| 0.0 |
| 0.0 |
| -18.8539 |

test res Estimated Parameters

|  |
| --- |
| 6349.4884 |
| 3965.252 |
| 1458.0953 |
| 0.9885 |
| 0.4071 |
| -18.9049 |

test res residuals

|  |
| --- |
| -0.0103 |
| 0.0242 |
| 0.0238 |
| -0.0141 |
| -0.0117 |
| -0.0003 |
| -0.0017 |
| -0.01 |

test res other quantities

|  |
| --- |
| 0.0142 |
| 0.0149 |
| 2.0 |
| 1.942 |

test res STD

|  |
| --- |
| 0.3234 |
| 0.5364 |
| 0.1544 |
| 0.0188 |
| 0.0139 |
| 0.0068 |

test res Correlation Matrix

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1.0 | -0.0022 | 0.694 | 0.0706 | 0.9692 | -0.1826 |
| -0.0022 | 1.0 | -0.184 | -0.9894 | -0.1312 | -0.7706 |
| 0.694 | -0.184 | 1.0 | 0.2465 | 0.7944 | 0.0051 |
| 0.0706 | -0.9894 | 0.2465 | 1.0 | 0.201 | 0.7197 |
| 0.9692 | -0.1312 | 0.7944 | 0.201 | 1.0 | -0.0747 |
| -0.1826 | -0.7706 | 0.0051 | 0.7197 | -0.0747 | 1.0 |

lab intersection left eops

|  |
| --- |
| 100.2194 |
| -628.2854 |
| 1841.6937 |
| -0.1994 |
| 1.5142 |
| 90.1911 |

lab intersection right eops

|  |
| --- |
| 105.8287 |
| -170.9495 |
| 1833.906 |
| -0.4304 |
| 0.5455 |
| 88.4534 |

lab intersection 27 image points

|  |
| --- |
| 60.4244 |
| 84.9558 |
| -34.5046 |
| 89.5267 |

lab intersection 27 approximate parameters

|  |
| --- |
| -341.8312 |
| -332.8304 |
| 1092.0284 |

lab intersection 27 estimated parameters

|  |
| --- |
| -341.8324 |
| -332.8303 |
| 1092.0284 |

lab intersection 27 residuals

|  |
| --- |
| 0.0003 |
| 0.0146 |
| 0.0001 |
| -0.0143 |

lab intersection 27 redundancy numbers

|  |
| --- |
| 0.0003 |
| 0.5131 |
| 0.0 |
| 0.4866 |

lab intersection 27 STD

|  |
| --- |
| 0.1141 |
| 0.054 |
| 0.1702 |

lab intersection 27 Correlation Matrix

|  |  |  |
| --- | --- | --- |
| 1.0 | -0.2343 | 0.8871 |
| -0.2343 | 1.0 | -0.2638 |
| 0.8871 | -0.2638 | 1.0 |