

due 24 Mar (Monday) Photo 1 Homework 5

1. Select 2 photos & 1 point from your calibration block adjustment. Hold Exterior Orientation FIXED, hold Interior Orientation FIXED, make intersection estimation by LS for the object point. (Do not use exact value as initial approximation)
2. Select 1 photo from calibration block adjustment, hold all object points fixed at their values estimated in BBA. Estimate Camera Station & Attitude (Resection) by LS. (Do not use exact value as initial approx.)
3. Take 2 terrestrial photos of scene at approx. object distance of calibration. Measure at least 8 points over the whole image area, on both photos, and compute dependent relative orientation parameters.

Note: in every case show residuals - are they reasonable?