Try to do the exercise below on your own. Then get together with your neighbor to turn in a single solution. Show me your results. If you do not finish by the end of today’s class, you may show me during the next class.

Using the code developed in class, determine the pose of the box with respect to the camera, in the image “img2_rect.tif”. Note that you will have to manually determine the six image feature locations and enter them into the program. Then estimate the translation error of the box in each dimension; i.e., $\sigma_x$, $\sigma_y$, $\sigma_z$.

Pose ($ax, ay, az, tx, ty, tz$):

Uncertainties ($\sigma$, $\sigma_y$, $\sigma_z$):