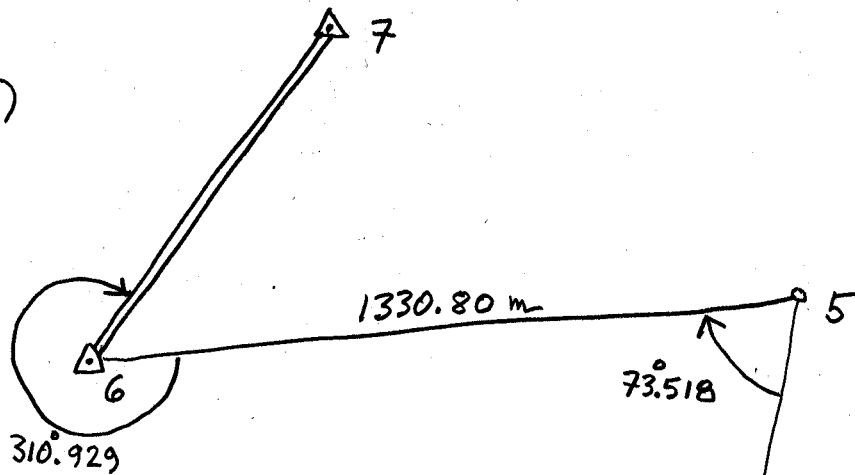


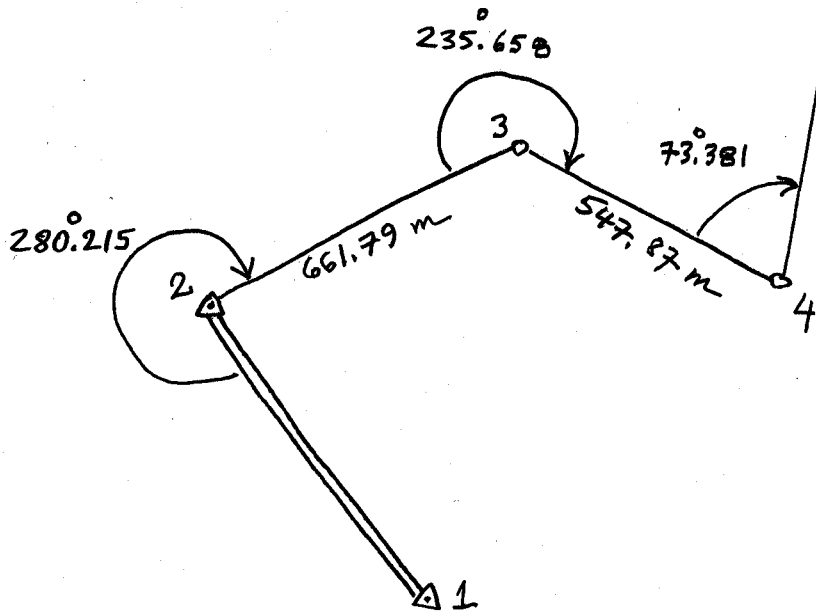
CE 506 Fall, 2006 Homework 4
 assigned Tuesday 17 Oct, due Thursday 26 Oct.

Control points (fixed)

Name	x	y
1	760.00	170.00
2	340.00	705.00
6	345.00	1960.00
7	795.00	2590.00



use unknown point coordinates
 as parameters.



Solve and adjust the traverse using least squares (indirect observations). All angle observations given in decimal degrees. Distances are in meters. $\sigma_{\text{angle}} = 25''$ (arcseconds), $\sigma_{\text{dist}} = 0.10$ m. Show n, n_0, r , show matlab code, for first iteration show B, W, f, l, v . Show evidence of convergence each iteration. Finally show v, \hat{x} , and coordinate parameters.