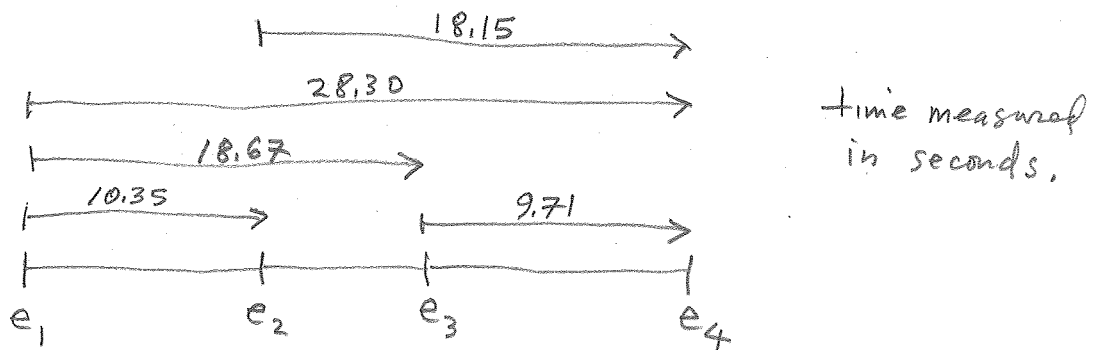


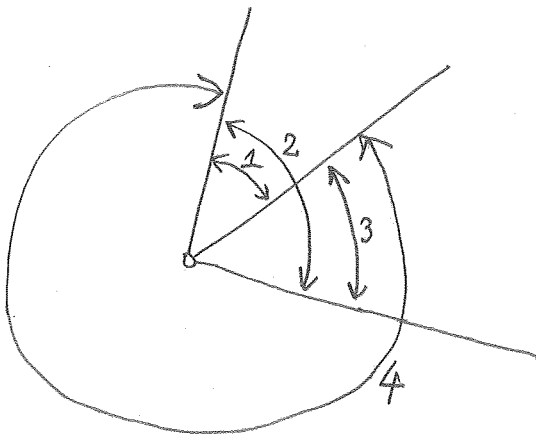
Adj. Geospatial Obs. Homework 2
 assigned Wed. 29 Aug 2012 - Due 1 week = 5 Sept.

Make a Least Squares adjustment for both problems using the method of indirect observations. Use the "pencil + paper" method; you may use Matlab to solve normal equations.

- Elapsed time is measured between 4 events. Observations are uncorrelated & have equal precision. What are the adjusted intervals?



- Adjust the observations in the given angle figure. Sigmas for the observations are given. Units are decimal degrees.



#	angle	σ
1	40.6	0.5
2	94.3	0.5
3	55.2	1.0
4	319.8	1.0