

# ASEN 5070-Statistical Orbit Determination-HW 8

Zach Dischner

11-10-2012

## **1 Problem 1**

See attached code in Appendix A.

## **2 Problem 2**

The following is a plot of the trace of each formulation of P2 subtracted from the truth, or exact, calculation of that same value.

../Figures/1.png

Figure 1: Attitude accuracy is a function of the centroid accuracy (colored lines) and the number of stars using in the q-method transformation