

Weekly reports are to be emailed to atbecker@uh.edu by 5:00pm on Tuesdays. The purpose of a weekly report is to: (1) give you text and images for your papers, thesis, and dissertation, (2) document progress, (3) identify if you are stuck or need resources.

Weekly report

1. My *Goals* from last week

- Familiarize myself with robotic swarm concepts
- Learning Mathematica

2. My *Accomplishments* this week

- a. Played a few hours of the online swarm control game (5 stars on all games!)
- b. Learned a bit of Mathematica and applied it to model robot translation.

Figure 1: *Modeled error bound (theta) for robot navigation*

3. My *Goals* for next week

- Continue to practice and learn Mathematica as well as understanding the work done in the lab

