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**
   1. Project 1: <Mean Game>
      1. Make a better instructions page with little words
      2. Make a more fun game
      3. Make the variance one line if robots<2
      4. Decrease inertia
   2. Project 2 <Kilobots>
      1. Get the robots to the end of the maze
   3. Project 3 <Wolfram Simulation>
      1. Start on it
   4. Project 4 <Mean Control>
      1. Finish mean control code for BlockPushingJournal simulation
   5. Prepare for RSS

**My *Accomplishments* this week**

1. Project 1: <Mean Game>
   * 1. I haven’t add to this yet.
2. Project 2 <Kilobots>
   * 1. One successful run!
     2. Proved mean control concept
3. Project 3 <Wolfram Simulation>
   * 1. Finished it and submitted to Dr. Becker
4. Project 4 <Mean Control>
   1. I proved the concept of mean control by adding code to the BlockPushingJournal. The mean control calculates the mean only for robots within a radius behind the object. This eliminates noisy data coming from other robots that do not push the object. Mean control increases the probability of reaching the goal.
5. Prepare for RSS
   1. Read many conference papers
6. **My *Goals* for next week**
7. Project 2 <Kilobots>

* Program a state map for ObjectManipulation so the program can more effectively automate robots to push the object. This solution allows the program to select the robots most able to push the object.

Project 5<RSS>

Network and learn!

1. **What I need Dr. Becker to do:**

Nothing!