
Weekly report

1 **My Objectives this week**

- Working on the project for Dr. Kavraki's Class
- Starting the torque journal paper

2 **My Accomplishments this week**

- I started project 3 for Dr. Kavraki's class. In this project we use ompl to implement a simple planner. I am grouped with Mary, and responsible for Exercise 1 and 2 which is implementing the planner. Mary is responsible to test the planner and compare it with other planners, as well as writing the report for the project.
- Writing the equations for challenge 1 in latex. I am still working on it.
- I changed some of the pictures of the case paper for the journal version
- I downloaded the template for Science Robotics, I started working on that template, but I think that this paper might not fit to that journal. We can discuss about it.

3 **My Plan for next week**

- I would finish writing the math for pure torque control.
- I want to read Kevin Lynch's paper
- I would add plots of the the first two challenges to the paper.

3.1 **Meeting with Dr. Becker**

- Discuss about the math for the two challenges.
- Discuss about the scope of the paper and if it fits Science Robotics
- Should we have a meeting with the professor in nano lab?