Trent Ziemer, Chujun Liu, Xiao Liu, Weijia Ye

Mobile Robotics Lab 1 Report

Group Epsilon

February 9, 2017

As can be seen in the youtube video, the robot somewhat accurately followed the square path. The timing of the program was accurate, but the turning angle was a little off. This was caused by the inertia of the robot turning, and so the robot didn't exactly follow the square. The robot returned to it's original location, but was off while following the lines by maybe 10% or 15%. The robot wheels probably have slightly different currents going to them and so turn at different rates.

The link to the group Github repository is here: <https://github.com/Trent0881/mr376lab>

The link to the youtube video is here: <https://youtu.be/3re4dz7zoi4>