603 Experiment Report Arm Implementation

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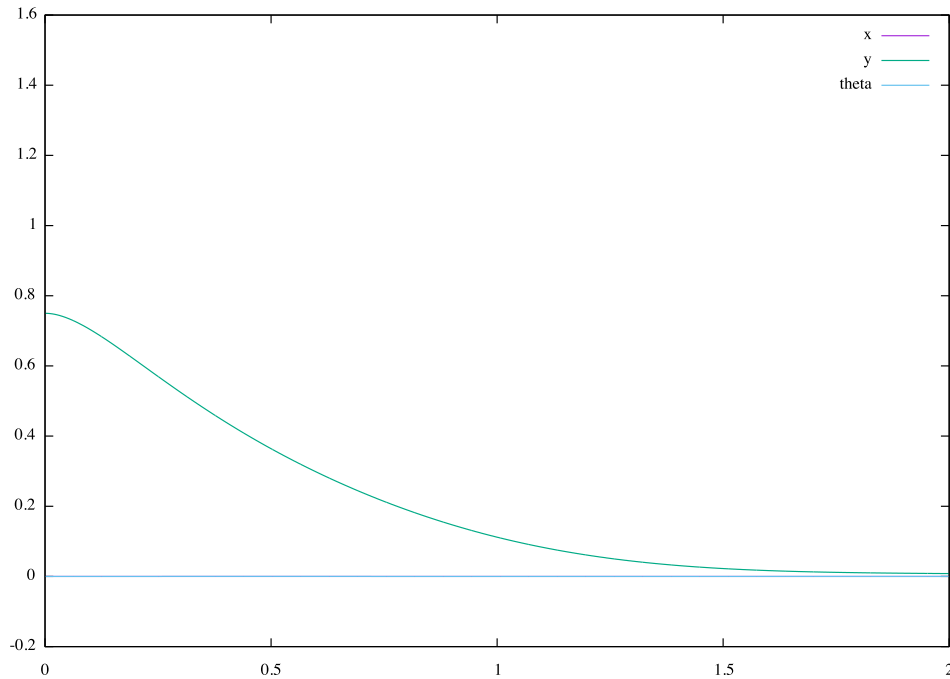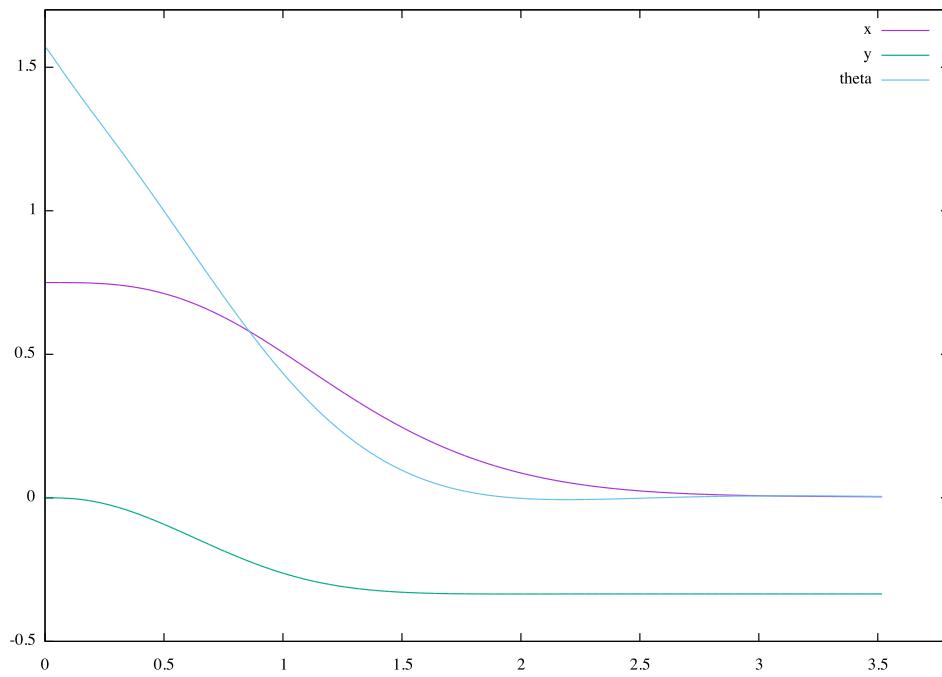## February 7, 2018

1 1.1

While experimenting with Roger, I found that when I tuned rotation gains for a specific theta error, it always didn't work for a π radians turning around. Final choices are based on aiming at getting good performance for most angles' target. Rotation gains are set to make Roger rotates effectively while it is translating so that it can, in most cases, approaches to its goal.

2 1.2

2.1 a. Move for 0.75m

2.2   b. Turn left

2.3   c. Rotation