Project Report: Quadrotor Planning and Control

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I. Introduction and System Overview

Introduce the project goals and experimental system.

II. Controller

Describe the implementation and performance of your tracking controller. An example of including a figure is shown in Fig. **??**.

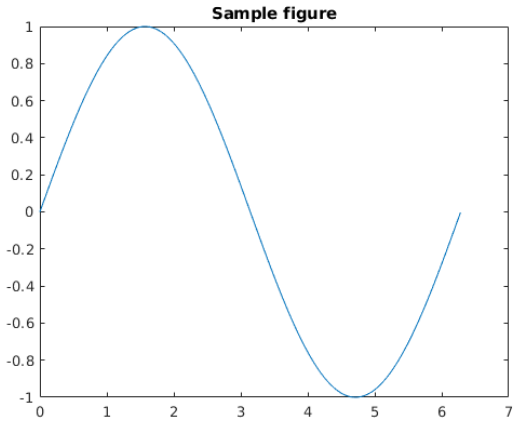

Fig. 1. Figures should have captions.

a	b	c
1	2	3
4	5	6

TABLE I

Caption for a table.

III. Trajectory Generator

Describe the implementation and performance of your trajectory generator. A simple equation is show in Eqn. **??**.

$$-1 = e^{i\pi} \tag{1}$$

A matrix equation is shown in Eqn. **??**.

$$\begin{bmatrix} 0 & 0 & 0 & 0 & 0 & 1 \\ t_1^5 & t_1^4 & t_1^3 & t_1^2 & t_1^1 & 1 \end{bmatrix} \begin{bmatrix} c_5 \\ c_4 \\ c_3 \\ c_2 \\ c_1 \\ c_0 \end{bmatrix} = \begin{bmatrix} p(0) \\ p(t_1) \end{bmatrix} \tag{2}$$

IV. Maze Flight Experiments

Report your experimental results flying the maze using your planner, trajectory generator, and controller. Table **??** shows how to create a simple table.