Quick start instructions:

Run: 'python3 Alves-Zach-proj.py`
It generates all graphs and all trajectories

New task parameters

Cube starting position
x: 0.5 y: 0.5 phi: 0
Cube final position
x: -0.5 y: -1 phi: -1.570796

P controller
Kp = 1.0
Ki = 0.0

Error Vector vs. Time
[New Task]