EYSIP 2020 Weekly Report

Saturday, 13.06.2020

—

Cycle BOT using LQR

Team 1 (LQR)

Shreya Rastogi
Jai Garg
Chinmay Palaye

Important Points

We designed 4 experiments/explanatory documents for this week.

1. Defining LQR Control. Impact of Q and R matrix.
2. Implementing LQR Control in Octave.
3. Implementing the Feedback in Arduino. Tuning the Parameters.
4. Strategy for Navigation Via Remote Control. Debugging the System.

Relevant Links:

- All the work has been updated in the GitHub repository in the WEEK_5 folder.

  Link