

Autonomous Navigation of a Multi-Trailer SUV System

Project Report (Project 1 - ENPM662)

Project submission files / links

Github with ros2 packages - link: <https://github.com/pranavkolii/Autonomous-Navigation-of-a-Multi-Trailer-SUV-System>

Teleoperation video:

Closed loop control to reach (10, 10) point - video:

https://drive.google.com/file/d/1vqh7boBPG2_Rij_S0BAE75iiFn8EgThn

Pose plot for closed loop controller - photo: <https://drive.google.com/file/d/1gJftmVJcw6V-utazT07zNYbyewOEEf54>

Laserscan visualization in rviz - video:

https://drive.google.com/file/d/1oESfew_S6djUSVmxBa6h2AJuKmPxCq