Fourth presentation

Agenda

Demos found
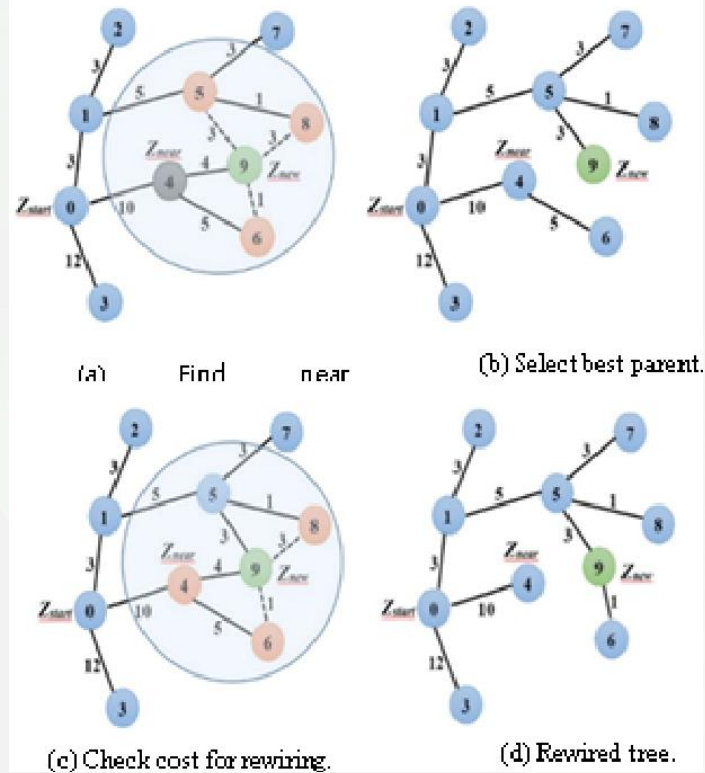
The papers implementation

Problems with set up (lots)

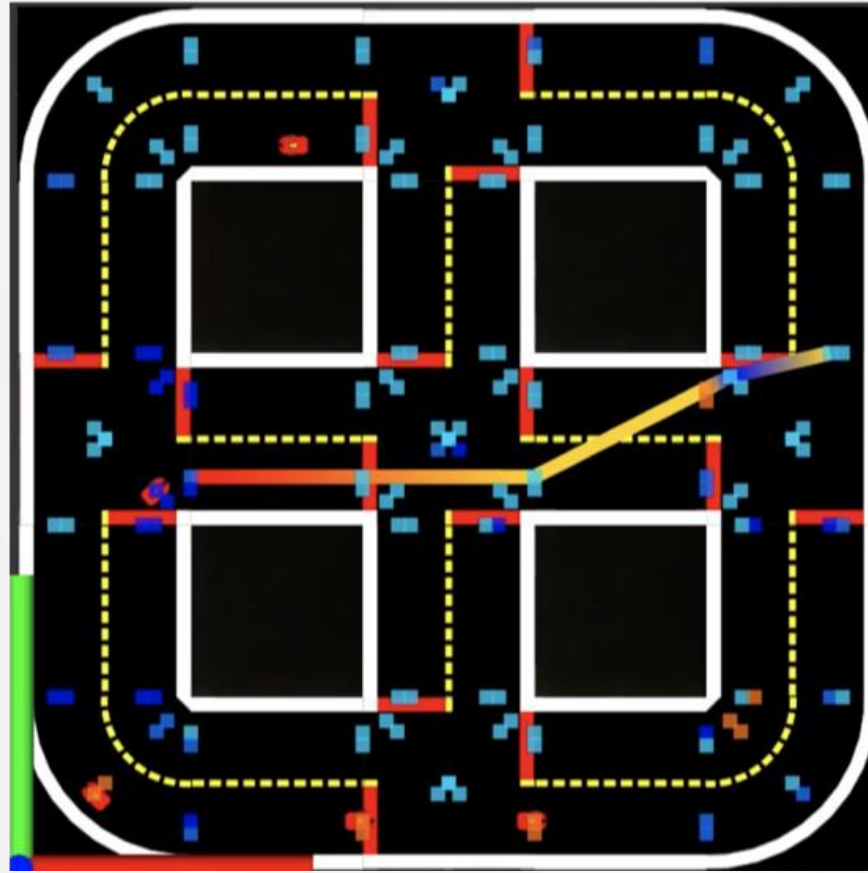# Demos

Path planning with RRT* for an autonomous differential drive robot (youtube.com)

2.3 RRT*

(a) Find near

(b) Select best parent.

(c) Check cost for rewiring.

(d) Rewired tree.

Demos

GitHub - duckietown/duckietown-uplan

Papers

- DiPPeR (Diffusion models)

- Neural A* Search – GitHub repository

- Large Language Models (x 3)

Problems

ROS -- Learn

Old repositories -- Just 1 modern implementation for line following (also just simulation)

Theoretical background

Repository of tracking with Watchtowers

Repository path planning for overpass obstacle (GitHub - duckietown/duckietown-mplan2)

Old one: GitHub - duckietown-ethz/proj-goto-n: AMoD 2019 - Fleet autopilot project

Map-utils: GitHub - duckietown/map-utils

Vielen Dank

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