

Weekly Reports

Actions

Updated 78 Days Ago All Users

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Subscribers *None*

2017.01.06-2017.01.12

Traffic Lights

Traffic light labeling

<https://docs.google.com/document/d/1DxSL5QT11h0qahrmXduhY0p-vF6cUzC4i9ZiR9PF0ak/edit?usp=sharing>

Ucar dataset with traffic light labels

Ucar dataset till 2016.12.22 are updated with traffic light labels. See [ucar@10.110.0.214:/home/hy/Reports/ucar\\_tlr.idl](#)

Motion planning with RL

Improve the stability of vehicle control with DDPG (DDAC)

[ucar@10.110.0.214:/home/hy/Reports/\\*.mkv](#)

[Alborg\\_original.mkv](#) is the original result with DDPG.

[Alborg\\_reward\\_steer\\_angle\\_1600eps.mkv](#) is the result retrained with a new reward function take steering angle into account.

Route planning with RL

In Torcs, no information about the other vehicles, like distances and positions. Try to take the pictures as inputs to simulate ACC

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