Meeting

PO-HSUN WU

July 19, 2021

Progress report

- Introduction of Digital Twin.
  - High fidelity simulator.
  - Prebuilt aircraft models from Gazebo or PX4 .
- Some RL algorithm.
  - Deep Deterministic Policy Gradient(DDPG)
    Provides improvement to Deep Q-Network(DQN) for the continuous action domain.
  - Trust Region Policy Optimization(TRPO)
  - Proximal Policy Optimization(PPO)