

Cloud-based Robot Path Planning in Dynamic Environments

Xinquan Chen, Lujia Wang and Xitong Gao

SIAT, Chinese Academy of Sciences, China

Cheng-Zhong

the University of Macau, China

- Cloud-base framework for multi-agent path planning under dynamic environments.
- Modified A* global planner to make plans safer and more reasonable.
- Improved APF local planner to make obstacle avoidance more simple and effective.

