

Ze Zhou Sun 孙泽舟

Research Assistant

E-mail : zzsun@um.edu.mo

Education

- Master of Computer Science and Technology
Nanjing University of Science and Technology, Nanjing 2017.09 – 2020.06
- Bachelor of Electronic Engineering
Tongji University, Shanghai 2013.09 – 2017.06

Publications

- Zezhou Sun, Banghe Wu, Cheng-Zhong Xu, and Hui Kong, Ada-Detector: Adaptive Frontier Detector for Rapid Exploration, IEEE International Conference on Robotics and Automation (ICRA) 2022.
- Yigong Zhang, Zezhou Sun, Banghe Wu, Jian Yang, Hui Kong, Building a stereo and wide-view hybrid RGB/FIR imaging system for autonomous vehicle, IEEE Sensors Journal 2021.
- Zezhou Sun, Banghe Wu, Cheng-Zhong Xu, Sanjay Sarma, Jian Yang, and Hui Kong, Frontier Detection and Reachability Analysis for Efficient 2D Graph-SLAM Based Active Exploration, IEEE International Conference on Intelligent Robotics and Systems (IROS) 2020 (oral presentation).

Research Interests

- Autonomous Exploration
- SLAM
- Motion and Path Planning

Projects

- Multi-spectral information-based classification techniques for complex environments
- Campus wheeled autonomous driving robot based on LiDAR SLAM
- Indoor active exploration robot based on single-line LiDAR

Selected Awards & Honors

-

Academic Services

-