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Education

- PhD of Electromechanical Engineering
Macau University, Macau 2016.01 –
- Master of Electromechanical Engineering
Tianjin University of Technology , Tianjin 2012.09 – 2015.07
- Bachelor of Mechanical design
Yanbian University, Yanji 2007.09 – 2011.07

Publications

- Xi R, Z. Yang and Tang L. Tracking Control of a Skid Steered Mobile Robot with Adaptive Robust Second Order Sliding-Mode Controller[C]//2019 IEEE International Conference on Industrial Engineering and Engineering Management (IEEM). IEEE, 2019: 293-297.
- R. Xi, Z. Yang and X. Xiao, "Adaptive Neural Network Observer Based PID-Backstepping Terminal Sliding Mode Control for Robot Manipulators," *2020 IEEE/ASME International Conference on Advanced Intelligent Mechatronics (AIM)*, Boston, MA, USA, 2020, pp. 209-214.
- Xi R, Yang Z, Tang L, et al. Robust GA Based Global Path Planning for IoP Oriented Mobil Robot[C]//2018 IEEE Conference on Smart World. IEEE, 2018: 1962-1969.

Research Interests

- Control of Robot manipulator / Mobile robot
- Robot motion planning