

Zhang Zhaopeng

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Education

Nankai University

B.S. in Automation

Sept 2017 - June 2021

- **Coursework:** C++ Programming, Introduction to Robotics, Automatic Control Theory

Nankai University

M.Phil. in Control Science and Engineering

Sept 2021 - June 2023

- **Research:** Visual servoing control for aerial manipulators

Nankai University

Ph.D. Candidate in Control Science and Engineering

Sept 2023 - now

- **Research:** Motion planning for aerial manipulators

Publications

An End-Effector-Oriented Coupled Motion Planning Method for Aerial Manipulators in Constrained Environments

Mar 2025

IEEE Transactions on Mechatronics, accept, 2025

Zhang Zhaopeng, Yu Hai, Chai Yi, Yang Zhichao, Liang Xiao, Fang Yongchun, Han Jianda

Visual servoing control for aerial manipulator via hierarchical motion decomposition

May 2023

Control Theory and Applications, in Chinese, 41(5), 2024

Zhang Zhaopeng, He Wei, Liang Xiao, Han Jianda, Fang Yongchun

An anti-swing controller for aerial transportation system with flexible suspending rope

Oct 2021

Asian Conference on Artificial Intelligence Technology (ACAIT), 2021

Zhang Zhaopeng, Liang Xiao, Zhang Zhuang, Han Jianda

Coding Skills

Languages: C++, Python, MATLAB, ROS

Languages

Chinese: Native, including *Mandarin* and *Cantonese*

English: Fluent

Japanese: Basic