



# **Sequential Manipulation Planning for Over-Actuated Unmanned Aerial Manipulators** Yao Su<sup>1\*</sup>, Jiarui Li<sup>1,2\*</sup>, Ziyuan Jiao<sup>1\*</sup>, Meng Wang<sup>1</sup>, Chi Chu<sup>1,3</sup>, Hang Li<sup>1</sup>, Yixin Zhu<sup>4</sup>, Hangxin Liu<sup>1†</sup>

- <sup>1</sup> National Key Laboratory of General Artificial Intelligence, Beijing Institute for General Artificial Intelligence(BIGAI).
- <sup>2</sup> Department of Advanced Manufacturing and Robotics, College of Engineering, Peking University.
- <sup>3</sup> Department of Automation, Tsinghua University.
- <sup>4</sup> Institute for Artificial Intelligence, Peking University.

\* Equally Contribution. + Corresponding author.

![](_page_0_Picture_16.jpeg)