## Dual Arm Coordination with Coordination Diagram based on Teleoperation Demonstration

Guoyu Zuo, Zichen Xu, Lu Liu, and Daoxiong Gong Faculty of Information Technology, Beijing University of Technology, China Jianfeng Li

Faculty of Materials and Manufacturing, Beijing University of Technology, China

- This paper proposes a dual-arm coordination algorithm to improve the efficiency of coordination.
- Consider both robot's actions and operating sequences for tasks that require multiple operations with both arms.
- The coordination diagram in time domain is designed to more clearly represent the situations of trajectory collisions and find the collision free coordination action law.

