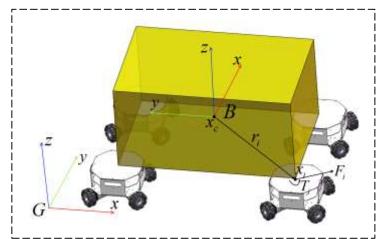
Distributed Adaptive Control of Multiple Robots for Cooperative Load Transportation

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- An adaptive control (MRAC) method based on model reference is proposed.
- The common load state space model of multiple omnidirectional mobile robots is established.
- The controller of automatic adjustment of control parameters is designed to approach the reference model.
- Prior knowledge of robot position and load characteristics is not needed to control the robots transport load.



Multi-robot transport system