# A data-driven shared control system for exoskeleton rehabilitation robot

Feng Li, Yong He*, Jinke Li, Jiangpeng Ni and Xinyu Wu

Guangdong Provincial Key Lab of Robotics and Intelligent System, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, Shenzhen 518055, China.

- A novel shared control system is designed, which solve the problem of exoskeleton robot system integration.

- A gait trajectory revision mode based on data iteration is designed.

- The modular development of human-machine interaction interface is realized to make the exoskeleton rehabilitation robot system more humanized and visual.



Data-driven shared control system control framework