

Human – Robot Interaction

Learning from haptic demonstrations

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towards learning from haptic demonstrations



Anthrobotics Lab

Sensorized tools

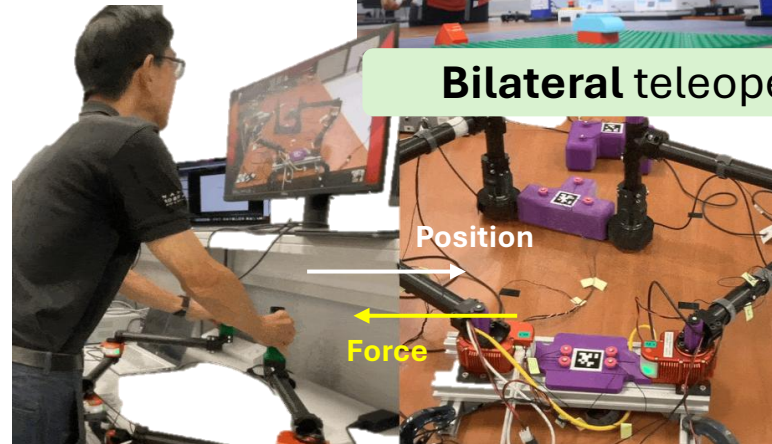


- Human skill learning
- Motion/Force sensing

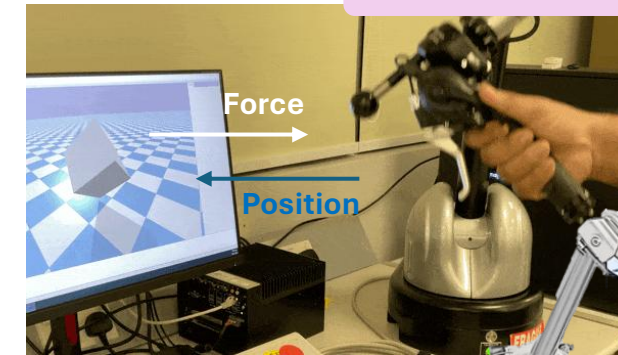
- Remote operation
- Haptic feedback



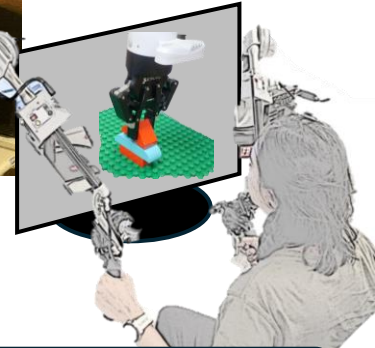
Bilateral teleoperation



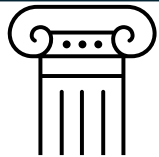
Mixed2Real frameworks



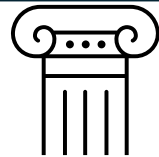
- Virtual training
- Haptic digital twin
- Data generation



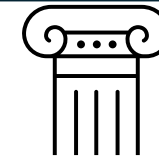
our approaches to haptic demonstrations



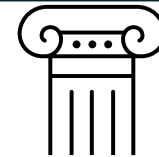
Force/torque
sensing



Calibration



Impedance
control



Learning
methods