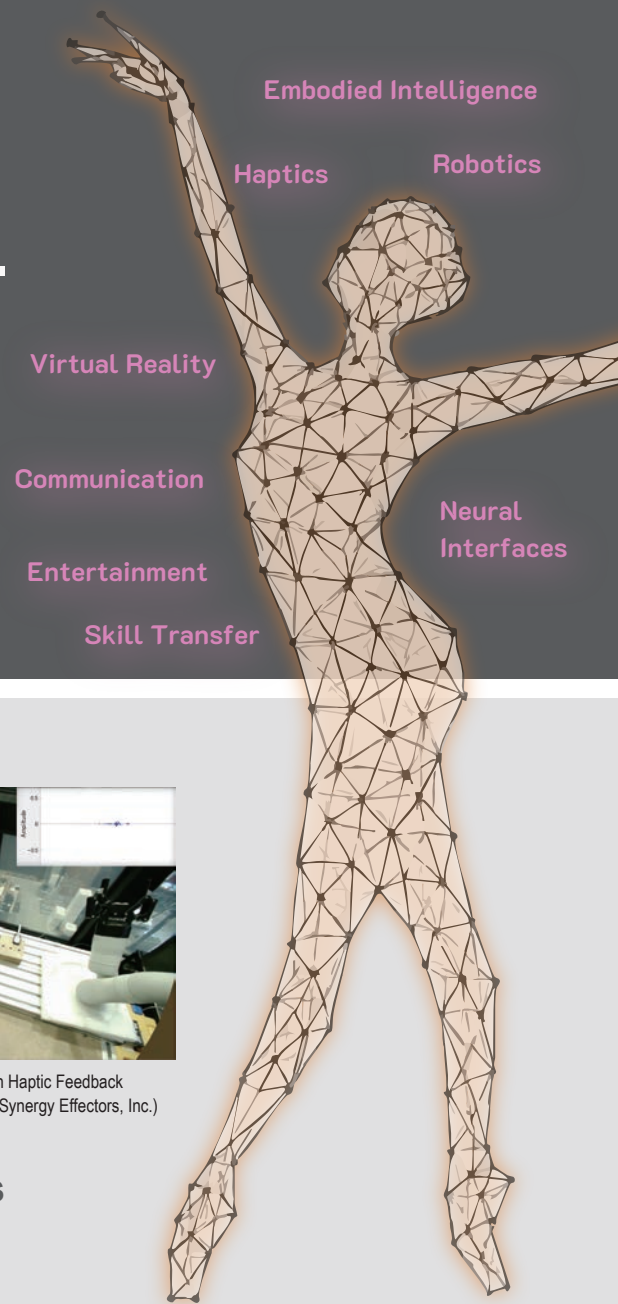


Embodied Intelligence & Robotics: Konyo - Takahashi Lab.

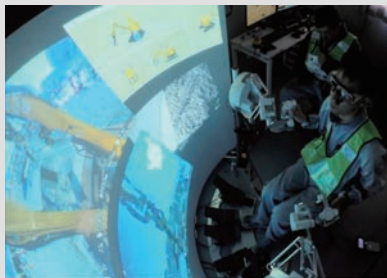
Transforming Human-Robot Communication with Haptics and Embodied Intelligence



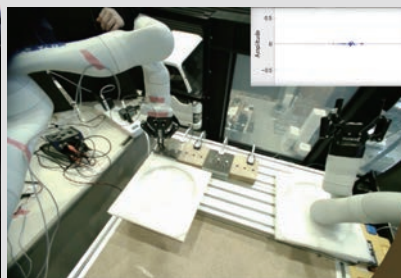
Shared Embodiment and Operation Support for Robots



Embodied Teleoperation System
for the ImPACT Construction Robot



Immersive Cockpit for the ImPACT Construction Robot:
Integrated Force and Tactile Feedback

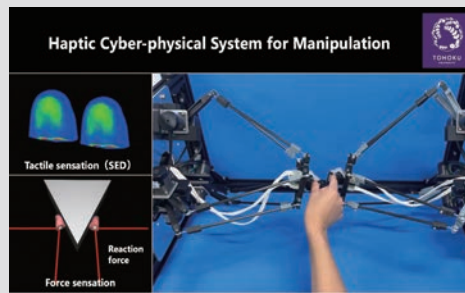


Bilateral Teleoperation Robot with Haptic Feedback
(Collaborated with Man-Machine Synergy Effectors, Inc.)

Shared Embodiment and Skill Understanding Between Humans

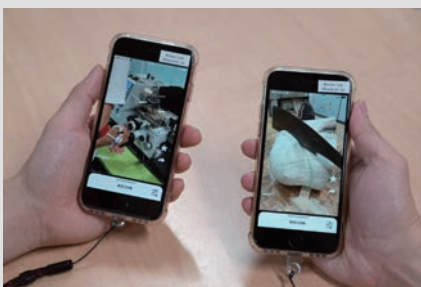


AR-Based Skill Transfer System Using Wristband Devices
and Quantification/Visualization of Vibration Sensation



Cyber-Physical Tactile System with Distributed Skin Feedback
Investigating the Sense of Touch and Stable Grasping

Creating Embodied Media and High-Realism Virtual Reality

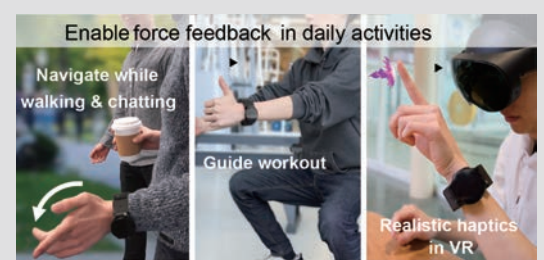
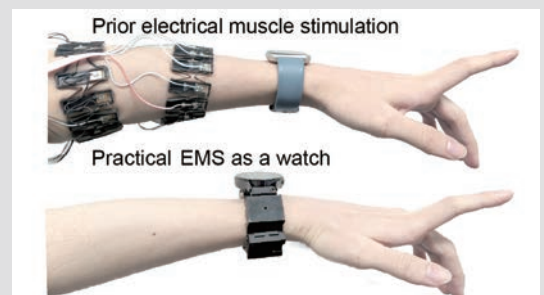


High-Fidelity Vibration Playback for Mobile Devices: Innovating
Haptic Media and Delivering Sensory-Enhanced Videos



Stereohaptic Representation with Multi-Point Vibration Devices
for Realistic and Immersive VR Experiences

Neural Interfaces



Wristwatch-Type Electrical Stimulation Device: A Compact Neural Interface
for Everyday Use, Applicable to Navigation and VR



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