





Applications of Augmented Reality Project Demonstrations EN.601.453/653

Thursday, May 11th, 9:00-12:00, Hackerman Hall – Room 320

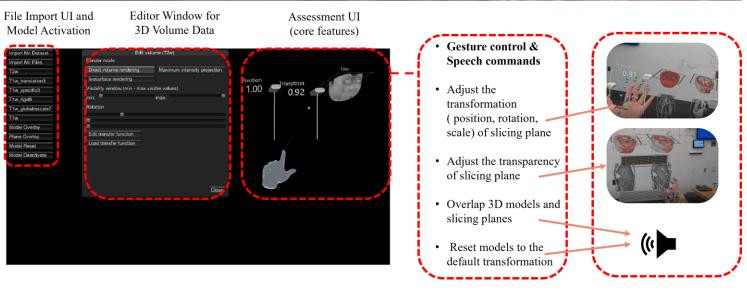
Instructor: Alejandro Martin Gomez

Teaching/Class Assistants: Sing Chun Lee, An Chi Chen, Yihao Liu

Robotics and Medical Applications

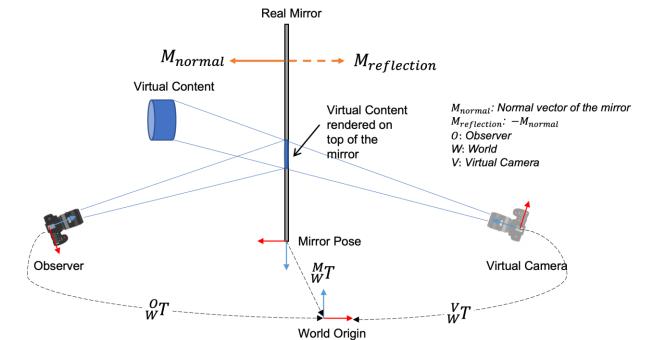
Assessment of MRI Registration with Augmented Reality



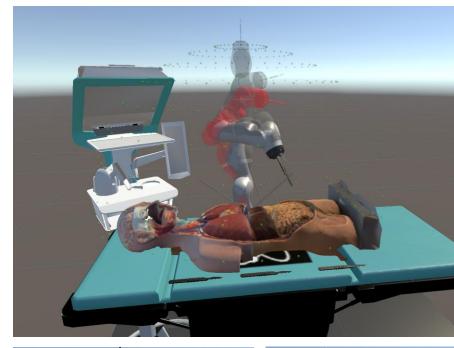


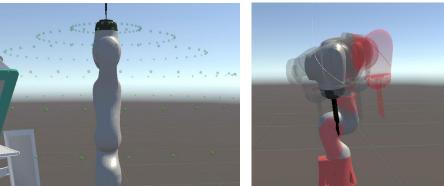
Augmented Mirrors for Medical Applications in Orthopedics

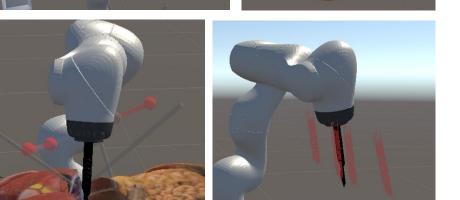




Visualization of Robot Interaction Space in Robot-Assisted Surgery

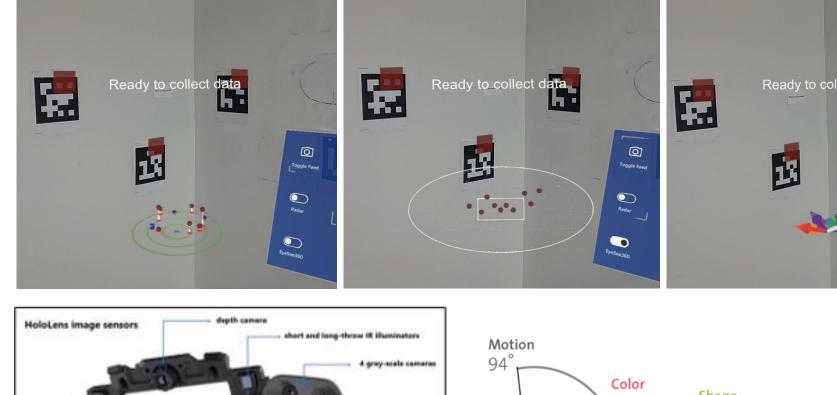


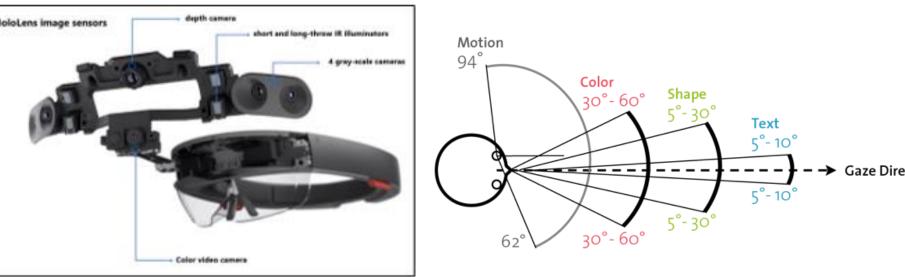




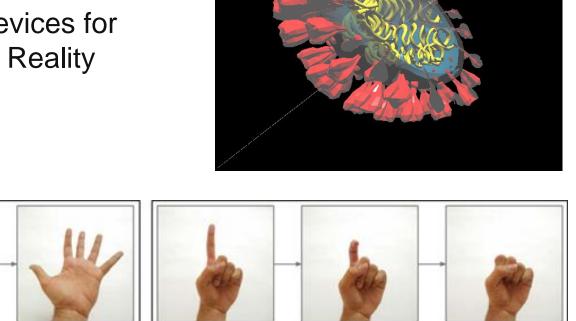
Human–Computer Interaction

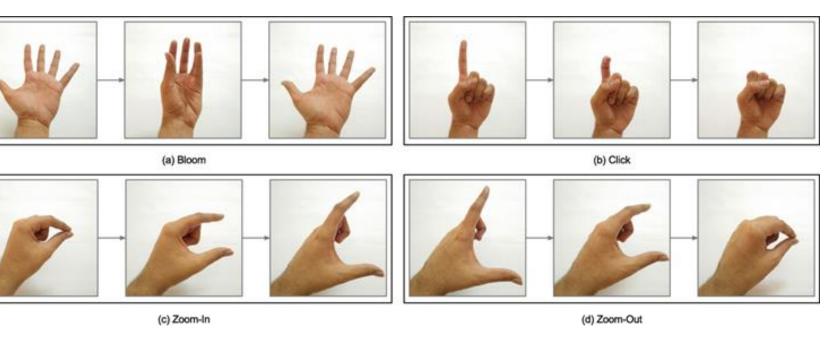
Repurposing HMD's Built-in Sensors to Increase Users' Awareness

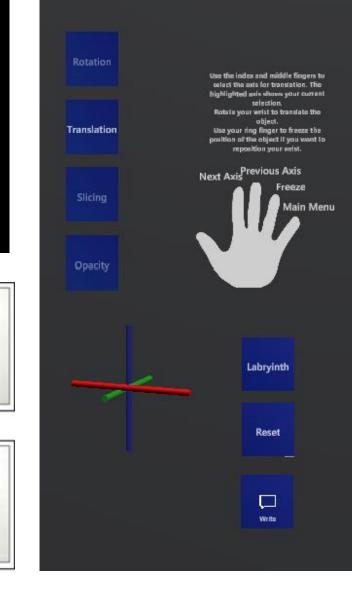




Creating Novel 3D User Interaction Devices for Augmented Reality

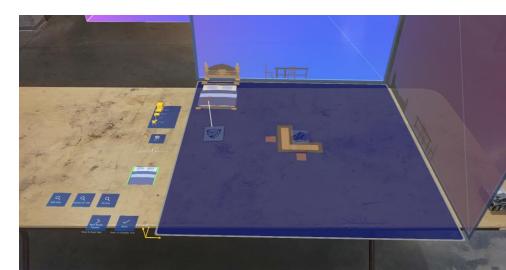


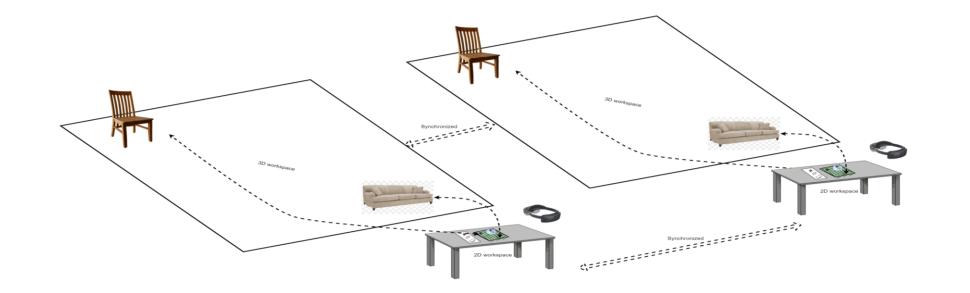




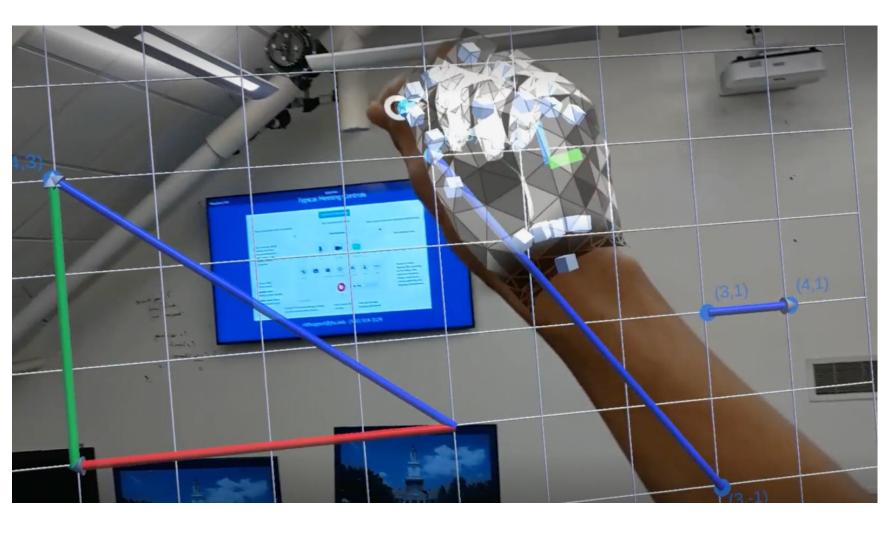
LayAR: Collaborative Layout Using Augmented Reality







Teaching and Education



Learning Linear
Algebra with
Augmented Reality

