DEXO: Hand Exoskeleton System for Teaching Robot Dexterous Manipulation In-The-Wild

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- System is meant to train robots to manipulate objects more similarly to humans
- Passive exoskeleton designed for kinematic and haptic mirroring
- Humans perform tasks wearing the exoskeleton
    - The exoskeleton records joint positions and tactile feedback
    - These data are used to train Imitation Learning Policies for a robot that is kinematically the same as the exoskeleton
- Previous versions had sensors in a connected hand
- Current version places sensors on exoskeleton for more tactile feedback