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Virtual Exosuit with Haptic Feedback

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Virtual Exosuit with Haptic Feedback

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1 Abstract

Exosuits are mainly used in military settings or depicted in movies such as the Alien or the Matrix trilogies. They enhance humans' capability and strength. In this demonstration, visitors will have the opportunity to try a virtual exosuit that combines the oculus rift with the Raser Hydra motion sensor, haptic feedback provides on the feet (sliding motion), under the seat (tactile transducer), and around the arms (tactile actuators). The purpose of this demonstration is to demonstrate that cheap haptics can enhance the virtual interaction.

2 Representative Image:

