Chapter 13
Frontiers

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Chapter 13

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<tbody>
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13.1 Touch

Haptic feedback
Note: Can be faked by reproducing objects from the real world in the virtual world, within the matched zone.
Vibrations, air pressure, force feedback with robot
Holding real objects. Tangible interface.

13.2 Taste and Smell

Olfactory Interfaces, D. L. Jones et al., 2015, Handbook of Virtual Environments, 2nd. Ed.

13.3 Robotic Interfaces

Telepresence
Remote control vs. higher levels of autonomy (motion planning)

13.4 Brain-Machine Interfaces

Related: Cochlear and retinal implants

David Eagleman, creating new senses
Control via reading neural signals
Bibliography