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Haptic Feedback in Robotic Teleoperation
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What is a Haptic Device? *Stanford Webinar:*
Haptics - Designing for Touch 4-DoF Origami
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~~Haptic Device Harmonious Haptics: Enhanced~~
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Your smartphone's haptics matter – here's why
(Sponsored) ~~Lecture 71 Haptic Devices and~~
~~Interfaces — Kinesthetic Devices~~ *Brain*
Science from Bench to Battlefield: The
Realities - and Risks - of Neuroweapons |
CGSR Seminar VR haptic devices coming in 2020
A little fold-up joystick brings haptics to

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portable devices *Brain Machine Interfaces: 2014
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Haptic Devices: Affordances ...* Google Pixel
4a: 5 best and 5 worst things \| "25 Creative
Small Indoor Garden Designs \| "Awesome Indoor
Garden and Planters Ideas ~~Haptic Touch vs 3D
Touch - Is iPhone XR missing out?~~ **STRAPPED
INTO A FALLING HELICOPTER - Smarter Every Day
154** 16-year-old makes Brain-Computer
Interface to MIND-CONTROL someone else's arm
| LIVE DEMO @IBM **I Feel The Future Of VR With
Dexmo Haptic Gloves** Axon VR Exosuit - Feel

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Haptic Technology In Silico | Documentary
Teaser

Hands-On with HaptX VR Haptic Gloves! A Real
Life Haptic Glove (Ready Player One
Technology Today) — Smarter Every Day 190
haptics recording modeling 103113 What's a
Brain For: A Moving Story *The DLR Bimanual
Haptic Device* *The Artistic Brain: A
Neuroaesthetics Approach to Health, Well-
being, and Learning* *Magnetips: Combining
Fingertip Tracking and Haptic Feedback for
Around-Device Interaction* *Brain Matters #3:
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Technews 235 : Oppo Real me 1 , Neurodigital
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Secondly, a series of affective haptic devices are analyzed according to human affective responses. Lastly, some affective haptics design guidelines and principles are introduced from a design perspective with the

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help of affective haptics research results.

... The circumplex model of affect: an integrative approach to affective neuroscience ...

Affective Haptics Research and Interaction Design ...

Final version in in Haptics: Neuroscience, Devices, Modeling, and Applications, Part-I, Auvray, M. and Duriez, C. (Eds), pp. 521-528

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7 moving thus the low-frequency components of the signal's energy.

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Centralizing Bias and the Vibrotactile
Funneling Illusion ...

Abstract. The word haptics, believed to be
derived from the Greek word haptesthai, means
related to the sense of touch. In the

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psychology and neuroscience literature, haptics is the study of human touch sensing, specifically via kinesthetic (force/position) and cutaneous (tactile) receptors, associated with perception and manipulation. In the robotics and virtual reality literature, haptics is ...

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Auvray; Christian Duriez;] - The two-volume set LNCS 8618 and 8619 constitutes the refereed proceedings of the 9th International Conference EuroHaptics 2014, held in Versailles, France, in June 2014.

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In: M Auvray and C Duriez (Eds.), Haptics: Neuroscience, Devices, Modeling, and Applications, Part I (pp. 77-84). Hayward, V (2008a). A brief taxonomy of tactile illusions and demonstrations that can be done

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in a hardware store. Brain Research Bulletin
75(6): 742-752. Hayward, V. (2008b). Haptic
shape cues, invariants, priors, and interface
design.

Tactile illusions - Scholarpedia

Haptics, or haptic sensing, refers to the ability to identify and perceive objects through touch. This is active touch, involving exploration of an object with the hand rather than the passive sensing of a vibration or force on the skin. The development of new technologies, including

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Haptics perception, devices, mobility, and communication ...

Design of a forearm-mounted directional skin stretch device. In 2012 IEEE Haptics Symposium (HAPTICS). 365--370. Google Scholar; Hsiang-Yu Chen, Joseph Santos, Matthew Graves, Kwangtaek Kim, and Hong Z. Tan. 2008. Tactor Localization at the Wrist. In Haptics: Perception, Devices and Scenarios, Manuel Ferre (Ed.).

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The neuroscience behind TORC. The TORC project team enabled natural haptic interactions, such as squeezing a virtual silicone ball, by translating multisensory integration theories to the world of hardware prototypes. TORC working fundamentals rely on the fact that humans are very susceptible to dynamic visuotactile stimulation.

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Haptic perception (Greek: haptós "palpable",
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haptikós "suitable for touch") means literally the ability "to grasp something". Perception in this case is achieved through the active exploration of surfaces and objects by a moving subject, as opposed to passive contact by a static subject during tactile perception.

Haptic perception - Wikipedia

A data-driven approach to remote tactile interaction: From a BioTac sensor to any fingertip cutaneous device. In M. Auvray and C. Duriez, editors, Haptics: Neuroscience,

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EuroHaptics, Part I, volume 8618 of Lecture
Notes in Computer Science, pages 418-424,
Berlin Heidelberg, June 2014. Springer-
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RAS Simulators. RAS simulators can be simple
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(Mimic Technologies, Inc., USA), RobotiX
Mentor™ (3D Systems, Inc.), RoSS™ (Simulated
Surgical Systems, LLC), etc.), or the actual
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