Virtual active touch using randomly patterned intracortical microstimulation

Joseph E. O’Doherty1,2*, Zheng Li2,3, Mikhail A. Lebedev2,3, & Miguel A.L. Nicolelis1-5
1. Dept. of Biomedical Engineering 2. Center for Neuroengineering, 3. Dept. of Neurobiology 4. Dept. of Psychology and Neuroscience, Duke University, USA
5. Edmond and Lily Safra Intl. Inst. of Neurosci. of Natal, Brazil
* Now at the Dept. of Physiology and Keck Center for Integrative Neuroscience, University of California, San Francisco, USA

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Sensorized Neuroprosthesis

Experimental Paradigm

Implants

Monkey Avatar

Stimulation Protocol

Learning & Behavior

Target Exploration

Discrimination of Periodicity

Aperiodic Discrimination Task

Aperiodic Pulse Trains

Inter-burst Interval Distributions

Blanking Intervals

Reconstruction with Blanking

Active Exploration

Sensorized Neuroprosthesis

Descartes, 1664 Nicolelis, 2006

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