

JOURNAL PAPERS

Erhan Oztop, Mitsuo Kawato, Michael Arbib Mirror Neurons and Imitation: A Computationally Guided Review Neural Networks (in press 2006)

Erhan Oztop, Hiroshi Imamizu, Gordon Cheng, Mitsuo Kawato A Computational Model of Anterior Intraparietal (AIP) Neurons Neurocomputing(in press 2006)

Joshua G. Hale, Frank Pollick

'Sticky Hands': Learning and generalisation for cooperative physical interactions with a humanoid robot

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Frank Pollick, Joshua G. Hale, Maria Tzoneva-Hadjigeorgieva Perception of humanoid movement International Journal of Humanoid Robotics 2(3)(2005) 277-300

Erhan Oztop, David W. Franklin, Thierry Chaminade, Gordon Cheng Human-Humanoid Interaction: Is a Humanoid Robot Percieved as a Human? International Journal of Humanoid Robotics 2(4)(2005) 537-559

Jun Nakanishi, Jay Farrell, Stefan Schaal Composite Adaptive Control with Locally Weighted Statistical Learning Neural Networks 18 (2005) 71–90

Jun Morimoto, Kenji Doya Robust Reinforcement Learning Neural Computation 17 (2005) 335-359

C.Gaskett, A.Ude, G.Cheng

Hand-eye coordination through endpoint closed-loop and learned endpoint open-loop visual servo control International Journal of Humanoid Robotics vol.2, no:2 (2005) 203-224

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Language and the Mirror System: A Perception/Action Based Approach to
Communicative Development
Cognitie, Creier, Comportament / Cognition, Brain, Behavior vol. IX(3) (2005)
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Learning to Act From Observation and Practice
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BOOK CHAPTERS

Erhan Oztop, Michael Arbib, Nina Bradley (to appear)
The Development of Grasping and the Mirror System
Chapter in Action to Language via The Mirror Neuron System

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Beyond Correlation-closing the loop between brain and theory by extracting representations and altered feedbacks

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Connecting Brain and Robot by Computational Neuroscience (計算論的神経科学で脳 とロボットをつなぐ)

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Combining Local and Global Features to Support Generalization and Learning From Practice

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Last modified 02.AUGUST.2005

comments to erhan@atr.jp