



Emergence of Communication in Autonomous Robots

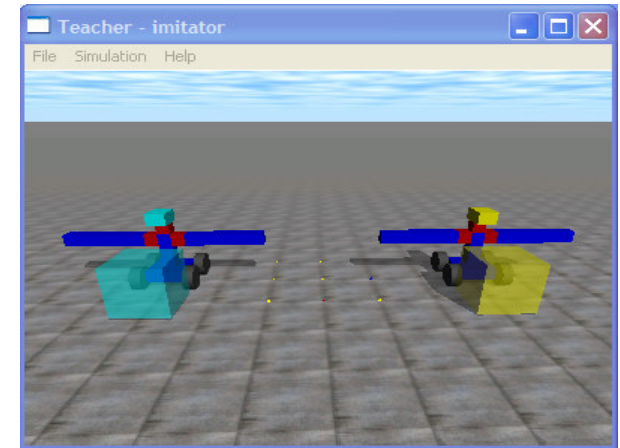
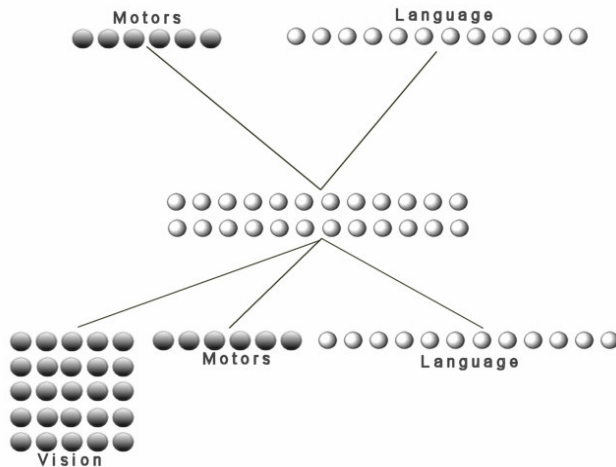
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Investigate:

1. The mechanisms involved in matching perceived actions with equivalent self-generated actions
2. The way these actions are memorized and successively reproduced autonomously
3. How language can be grounded in sensorimotor processes responsible for action generation
4. How this grounding can be transferred to other agents by verbal instruction

Research interests: Artificial Intelligence. Robotics. Evolutionary Computation. Human Computer Interaction. Human and Computer Cognition