Special Issue

Reinforcement Learning for Robotics Applications

Message from the Guest Editors

This Special Issue invites researchers to showcase their novel contributions to the theory and applications of reinforcement learning in the field of robotics. It aims at promoting the recent advances in this research field while highlighting the main real-world challenges that are yet to be overcome. Potential topics include, but are not limited to, the following:

- Deep reinforcement learning model-based methods
- Autonomous robots lifelong learning
- Multi-task reinforcement learning
- Goal-based skill learning
- Reinforcement learning in humanoid robotics
- Computational emotion models
- Imitation learning
- Self-supervised learning
- Inverse reinforcement learning
- Assistive and medical technologies
- Multi-agent learning
- Cooperating swarm robotics
- System identification
- Intelligent control systems

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About the Journal

Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.
It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

Editor-in-Chief

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