Special Issue

Trajectory Planning and Object Recognition for Robot Sensing and Control

Message from the Guest Editors

An increasing number of robots are entering our lives and industry production. Trajectory planning and object recognition are thus becoming important research hotspots, with tasks such as 3D grasping, flexible operation, and navigation depending on machine vision and multi-sensor fusion. This Special Issue aims to publish sensor-based robot control theory and engineering applications, trajectory planning and target tracking methods, and relative techniques for manipulator motion planning, mobile robot path planning, and navigation systems. This Special Issue therefore aims to put together original research and review articles on recent advances, technologies, solutions, applications, and new challenges in the field of intelligent robot systems.

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Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

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