Special Issue

Robot Intelligence in Grasping and Manipulation

Message from the Guest Editors

This Special Issue serves as a comprehensive exploration into the latest advancements and challenges at the intersection of robot intelligence and grasping/manipulation. The multifaceted nature of this domain necessitates a collaborative effort from researchers, engineers, and practitioners across various disciplines, including robotics, computer vision, control systems, and cognitive science. The goal is to not only showcase the state-of-the-art methodologies but also to foster a deeper understanding of the underlying principles governing intelligent robotic manipulation. This Special Issue aims to provide a comprehensive overview of the current state of research in robot intelligence in grasping and manipulation. The contributions herein will not only contribute to the academic discourse but also inspire future innovations and applications that harness the potential of intelligent robotic manipulation in addressing real-world challenges.
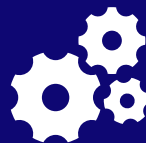
Guest Editors

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Deadline for manuscript submissions

closed (30 September 2024)

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About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.
Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.
There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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