

Special Issue

Advances in Robotic Mobile Manipulation

Message from the Guest Editors

This Special Issue aims to cover advances in robotic mobile manipulation. Novel theoretical approaches or practical applications of all aspects that involve mobile manipulation are welcomed. Reviews, datasets tested in real applications, benchmarks, and surveys of the state-of-the-art methods are also welcomed. Topics of interest to this Special Issue include, but are not limited to, the following topics:

- Location of objectives for grasping.
- Road and trajectory planning to reach the handling areas.
- Sensing and planning in object manipulation.
- Piloting, orientation, and stabilization of the autonomous vehicle during handling.
- Grasping stability assessment using tactile perception, visual perception, or both.
- Control strategies for object manipulation.
- Manipulation of object in-hand with multi-fingered hands.
- Planning of tasks for grasping, transport, and placement of objects.
- Learning of grasping, manipulation, and navigation skills.

Welcome to contribute.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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