

Special Issue

Design and Control of Flexible Manipulators

Message from the Guest Editor

Flexible manipulators have begun to play a critical role in various applications in a diverse range of fields in recent years, such as construction automation, medicine, and industrial manufacturing. In particular, a great number of novel robotic applications have demanded lighter and compliant robots that can be driven with less energy and a safer interaction. However, obtaining the accuracy, precision, and control of flexible manipulators is a challenge. In order to improve the accuracy and performance of flexible manipulators, research in this field has increased rapidly. This Special Issue aims to collate recent developments in the field of flexible manipulators and promote the exchange of research in related fields. The topics of interest of this Special Issue include, but are not limited to, the dexterous manipulation of manipulators, robotic gripping, robotic hands, and medical robot. In this Special Issue, we welcome the submission of both original research articles and reviews to act as valuable resources for researchers in the future.

Guest Editor

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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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