



Intelligent Control of Flexible Manipulator Systems and Robotics

Guest Editors:

Dr. Xiuyu He

School of Automation and
Electrical Engineering, University
of Science and Technology
Beijing, Beijing 100083, China

Dr. Zhijia Zhao

School of Mechanical and
Electrical Engineering,
Guangzhou University,
Guangzhou, China

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Message from the Guest Editors

Dear Colleagues,

The ever-growing utilization of flexible manipulators and robotics in various applications has been motivated by the requirements and demands of industrial automation. The flexural dynamics (vibration) in flexible manipulators and robotics have been the main research challenge in the control of such systems. However, traditional control methods cannot achieve excellent performance in vibration suppression and dynamic responses. In recent years, many intelligent control methods have been proposed and achieved good development, which provides the possibility for the intelligent control of flexible manipulators. Accordingly, this Special Issue seeks to collect theoretical results about the intelligent control of flexible manipulator systems and robotics and experimental studies on their use in real-world applications.

Dr. Xiuyu He

Dr. Zhijia Zhao

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