Special Issue

Fault Diagnosis and Fault-Tolerant Control in Robotic Systems

Message from the Guest Editors

Fault diagnosis and fault-tolerant control play an important role in robotic systems. This field does not only concern the industries but is also active in the academic communities, involving many disciplines, such as actuator, sensing technology, computer control, image processing, and signal processing technology. It mainly relies on measurement and online analysis based on collected data. The purpose of this Special Issue is to publish the most recent research results and industrial applications in fault diagnosis and fault-tolerant control methods. We invite academic and industry researchers to submit original manuscripts to this Special Issue that develop research works related to this field. Contributions are invited from various sections of robotic systems where theory and methodology have been developed within the scope of fault diagnosis and fault-tolerant control. Academic research papers are also welcome if they have some new theoretical results on this field, even they are not in robotic systems.

Guest Editors

Dr. Sunan Huang

Prof. Dr. Jing Wang

Prof. Dr. Andy Tyrrell

Deadline for manuscript submissions

closed (15 November 2022)

Robotics

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About the Journal

Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step.
It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

Editor-in-Chief

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