Special Issue

Advances in Intelligent Robotics Control

Message from the Guest Editor

The scope of this issue encompasses a wide range of topics, including but not limited to autonomous systems, adaptive and learning control strategies, real-time robotic sensing, human–robot interaction, and robotic manipulation in unstructured environments. We particularly welcome contributions that explore novel control algorithms, robust adaptive control for uncertain environments, and the integration of machine learning techniques into robotic control systems. As robotics continues to evolve in various domains—such as healthcare, industrial automation, and autonomous vehicles—there is a growing need to explore more efficient, safe, and intelligent control strategies. The research collected in this issue will address these emerging challenges and build on existing literature by integrating advanced artificial intelligence, control theory, and real-world applications to push the boundaries of what intelligent robotics can achieve. We invite theoretical and applied contributions offering new insights and innovative approaches to intelligent robotic control.

Guest Editor

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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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