

Special Issue

Advanced Motion Control and Planning Techniques of Complex Mechatronic Systems

Message from the Guest Editors

This Special Issue is committed to compiling recent research about advanced motion control and the planning of complex mechatronic systems. Manuscripts should contain both theoretical and simulation/experimental results and will be subject to *Electronics*' normal review procedures. The topics of interest within the scope of this Special Issue include (but are not limited to) the following:

- Nonlinear control methodologies for complex mechatronic systems including adaptive control, robust control, state and disturbance observer-based control, and other nonlinear control methods;
- Data-driven control;
- Reinforcement learning;
- Fault diagnosis and fault-tolerant control;
- Motion planning algorithms;
- Design and analysis of complex mechatronic systems;
- Modeling and system identification of complex mechatronic systems;
- Trajectory optimization.

Guest Editors

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Deadline for manuscript submissions

closed (30 April 2023)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

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