

Special Issue

Advanced Control Strategies for Enhanced Performance and Efficiency in Electric Autonomous Vehicles

Message from the Guest Editor

Topics of interest for this Special Issue include, but are not limited to, the following:

- Optimized control methods for electric vehicles considering real-time control performance.
- Vehicle stability control under extreme conditions.
- Enhancement methods for motion control considering uncertainties.
- Environmental and vehicle state parameter estimation for motion control.
- Data-Driven advanced vehicle motion control methods, such as reinforcement learning, deep learning, etc.
- Motion control methods for electric vehicles considering energy efficiency optimization.
- System integration and optimization of motion control for electric vehicles.
- Active fault-tolerant control to ensure vehicle safety.
- Motion planning and control of vehicles in spatially constrained environments.
- Optimized control methods for electric vehicles in complex and constrained environments.
- Modeling and motion control of electric vehicles with special configurations, such as multi-axle vehicles and articulated vehicles.
- Optimized motion control methods for electric vehicles considering actuator or communication delays.
- Cooperative control strategies for connected electric vehicles.

Guest Editor

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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.

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