

Special Issue

Advances in Electrical Drive Control Methodologies

Message from the Guest Editors

This Special Issue covers research and reviews on intelligent and robust control of modern electrical drive systems. With applications in electric vehicles, rail, aerospace, and robotics, drives face growing demands for efficiency, reliability, and performance. Innovative strategies are needed to handle nonlinearities and uncertainties. It provides a platform to share key advances in modeling, control, and implementation. The Special Issue on “Advances in Electrical Drive Control Methodologies” welcomes high-quality work on advanced control and modulation strategies. Topics include, but are not limited to:

- Advanced Control Strategies (e.g., Model Predictive Control, Sliding Mode Control, Deadbeat Control, Repetitive Control) for Power Electronics, Machines and Drives.
- Sensorless Control Techniques for Power Electronics, Machines and Drives.
- Intelligent and Learning-Based Control for Power Electronics, Machines and Drives.
- Fault Diagnosis and Fault-Tolerant Control for Power Electronics, Machines and Drives.
- Advanced Modulation Strategies for Power Electronics Converters.
- Modeling and Stability Analysis of Drive Systems.
- Smart Control Strategies for Electric Vehicle Drives.

Guest Editors

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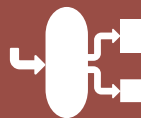
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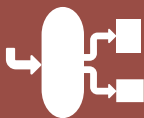


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