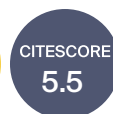




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Dynamic Modelling and Control in Multilevel Converters

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Deadline for manuscript
submissions:

closed (20 October 2022)

Message from the Guest Editors

This **Special Issue** covers different aspects related to the design of control systems for multilevel converters, such as: modelling approaches, controller design, modulation techniques, fault-tolerant control, and performance analysis. The topics of interest include, but are not limited to:

- Modelling and control issues for new topologies of multilevel converters;
- New modulation strategies for multilevel converters;
- Stability analysis of multilevel converters;
- Fault-tolerant capability of multilevel converters and associated control methods;
- Control design and implementation issues for high-efficiency multilevel converters;
- Control techniques for grid-connected multilevel converters: issues and performance when connected to microgrids, weak grids, or working in islanded mode;
- Control approaches for medium- and high-voltage applications;
- Control, dynamics, and performance of multilevel converters in selected applications: aircraft, marine, space, electric vehicles, transmission lines, etc.



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Special Issue



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Message from the Editor-in-Chief

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