actuators

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Advanced Methods for Modeling, Analysis and Design of Electric Machines and Electromechanical Devices

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Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to gather and compare advanced methods for the modeling, analysis and design of electric machines and electromechanical devices of any kind (from induction machines to wound field, PM and reluctance synchronous, to switched reluctance, vernier, switched flux, homopolar and other unconventional structures), featuring any topology (from radial and axial flux rotary devices to linear and multi-degree-of-freedom actuators), and including bearingless machines and magnetic levitators.

The presentation of optimized machines designed by properly applying the proposed advanced methods is encouraged, as well as the comparison among different approaches aiming to single out the most effective ones, permitting one to reduce the overall computational burden and ultimately the time required for the whole design and validation process.

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Guest Editors