



Recent Advances in Electromechanical Systems

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Message from the Guest Editor

In recent years, electromechanical systems with magnetic modulation are gaining wider popularity in electromechanical power conversion. Flux-modulated electric machines, magnetic gears, hybrid drives and sensors are rising many new opportunities for efficient, compact, reliable, robust control and operation for wide variety of applications in renewable wind and water sources, electrical vehicles, underwater, air, and special transportation propulsions, within the mechatronic design paradigm.

The Special Issue is focused on recent advances in the analysis, design methodology, and implementation of electromechanical systems with magnetic modulation. New comprehensive works related with design, modeling, optimization, control, or performance testing of Flux-Modulated Electric Machines, Magnetic gears, Reluctance electric machines, Vernier machines, Halbach array systems, Magnetic coupling, Magnetic flux regulation, Flux modulation in wireless power transfer systems and Sensors with magnetic modulation are warmly welcomed.





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Message from the Editor-in-Chief

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