

Special Issue

Nonlinear Control Design for Power Systems

Message from the Guest Editors

This Special Issue aims to explore the growing interest in the analysis and nonlinear control of complex systems involving power systems. This topic covers both classical area power generation with classical nonlinear characterization of various subsystems from power generation and transmission to power load, and, in particular, the interconnections between systems. This involves investigating all the equipment that allows us to improve the quality of the systems and their reliability. Indeed, in power systems today, there is significant interest in battery modeling and control. This aspect is related to electrical drivers for and electrical motion control equipment. In summary, the following areas will be covered by this SI:

- Nonlinear control of complex power systems;
- New electromechanical control aspects of high-performance generators for alternative generators;
- Nonlinear microsystem generators in energy harvesting;
- Electronic power devices for the control of power apparatus;
- Model and control of power batteries.

Guest Editors

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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