Special Issue

Fault Diagnosis in Electric Motors

Message from the Guest Editor

Electrical machines are critical components of many industrial processes. Currently, much attention is being paid to energy-efficient processes, and within this framework electrical machines have increased their application areas. However, this requires new technologies for drives, power converters, and machines. In this context, the fault detection and diagnosis of electrical machines are of increasing importance and mature technologies are required for “open-loop” system fails for electric drives.

This Special Issue will focus on emerging technologies for efficient, non-invasive and online diagnosis of electrical machines. Topics of interest for publication include, but are not limited to:

- Fault diagnosis of electrical machines and drives.
- Specialized signal processing techniques for fault analysis.
- Fault tolerant electrical systems, including multi-phase machines and/or redundant systems.
- Fault diagnosis of power supply for electrical machines.
- Fault diagnosis of electrical power generators.
- Digital technologies for fault tolerant systems.

Guest Editor

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Message from the Editor-in-Chief

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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