Special Issue

Advances in High-Reliability Design, Fault Diagnosis and Fault-Tolerant Control of AC Motors

Message from the Guest Editors

High-reliability operation is vital for applications such as electrified transportation, servo and industry applications. Therefore, high-reliability design, fault diagnosis and fault-tolerant control of AC motors have received increasing attention. The aim of this Special Issue is to encourage scientists to publish their theoretical, simulation and experimental research related to a wide range of topics connected to high-reliability design, fault diagnosis and fault-tolerant control of AC motors, as well as descriptions of the latest solutions in this field. Experts in this field are encouraged to share their latest discoveries in the form of original research papers. The focuses of this Special Issue include, but are not limited to, the following themes: New trends and solutions in motor drives;
High-reliability design of AC motors;
Fault diagnosis of AC motors;
Fault-tolerant control of AC motors;
Vehicle systems;
Industry applications;
Automotive applications;
Servo applications. For more details: https://www.mdpi.com/si/162246

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Deadline for manuscript submissions

closed (15 October 2023)

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

mdpi.com/si/162246

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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