



Research on Motor and Special Electromagnetic Device of Symmetry II

Guest Editors:

Prof. Dr. Liyi Li

Department of Electrical Engineering and Automation, Harbin Institute of Technology, Harbin 150001, China

Prof. Dr. Mingyi Wang

School of Electrical Engineering and Automation, Harbin Institute of Technology, Harbin 150001, China

Prof. Dr. Xuzhen Huang

College of Automation Engineering, Nanjing University of Aeronautics and Astronautics, Nanjing 210016, China

Deadline for manuscript submissions:

closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues,

Motor and special electromagnetic devices have been widely used in fields such as industrial production, transportation, high-end manufacturing, national defense and the military industry, and they are an important energy power foundation for supporting social development. High-power density, high reliability, high adaptability, high precision, low emission and multi-functional composites are areas that are gradually developing at the forefront of the technological development of these devices. Future development and research will concentrate on technologies used in high-performance motors and special electromagnetic devices.

This Special Issue hopes to summarize the state-of-the-art technologies of high-performance motors and special electromagnetic devices, which include the summarization of the latest structural research and analysis, operation and control, integration and optimization, etc. Papers that employ the symmetry or asymmetry concept in their methodologies in the fields of motors and special electromagnetic devices are welcome. We also welcome scholars in related fields to contribute their latest research results to this Special Issue.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Sergei Odintsov

ICREA, 08010 Barcelona and
Institute of Space Sciences (IEEC-
CSIC), C. Can Magrans s/n, 08193
Barcelona, Spain

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)

Contact Us

Symmetry Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/symmetry
symmetry@mdpi.com
X@Symmetry_MDPI