

Special Issue

Research on Motor and Special Electromagnetic Device of Symmetry

Message from the Guest Editors

Motor and special electromagnetic devices have been widely used in fields such as industrial production, transportation, high-end manufacturing, national defence and 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 multifunctional 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 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 welcomed. We also welcome scholars in related fields to contribute their latest research results to this Special Issue.

Guest Editors

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Prof. Dr. Mingyi Wang

Prof. Dr. Xuzhen Huang

Deadline for manuscript submissions

closed (31 January 2023)



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About the Journal

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.

Editor-in-Chief

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