

Special Issue

Linear/Planar Motors and Other Special Motors

Message from the Guest Editors

Special motors refer to motors designed and manufactured according to specific work requirements. They can be divided into various types, such as stepper motors, linear/planar motors, servo motors, electromagnetic dampers, etc. The application fields of special motors are constantly expanding, such as stepper motors being widely used in printers, CNC machine tools, 3D printers, etc. Linear/planar motors are widely used in semiconductor manufacturing equipment, LCD panel production equipment, flexible conveying systems, etc. Servo motors are widely used in robots, automated production lines, medical devices, etc. Electromagnetic dampers are widely used in motion device braking systems, automotive electromagnetic shock absorption, etc. The application fields of special motors are constantly expanding, including electric vehicles, new energy, future factories, and other fields. The aim of this Special Issue is to present and disseminate the newest research concerning the topology, design, modelling, optimization, control methods and future development trends of all kinds of special motors. Examinations of relevant technologies related to special motors are also encouraged.

Guest Editors

Dr. Lu Zhang

Dr. Lei Huang

Dr. Zijiao Zhang

Dr. Mei Zhao

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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