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## Operation and Control of Symmetric/Asymmetric Integrated Circuits and Electric Vehicles

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### Message from the Guest Editor

Dear Colleagues,

In recent years, the field of electric vehicles and integrated circuits has undergone significant development. Asymmetric and symmetric circuits are becoming increasingly common, and thus, it is important to explore the implications of symmetry in their operation and control. To achieve this, we are seeking contributions from experts in the areas of modeling, analysis, simulations, control, and optimization of both individual components and entire systems.

This Special Issue will provide a platform for state-of-the-art knowledge and experiences of engineers and academics in the field of symmetric/asymmetric integrated circuits and electric vehicles. It is crucial that these groups have access to the latest findings and knowledge, which will help improve the performance and stability of these systems.

Potential topics include (but are not limited to): modeling and analysis of symmetric/asymmetric circuits, control strategies for symmetric/asymmetric circuits, complex symmetric/asymmetric systems, optimization of symmetric/asymmetric circuits, and simulation of symmetric/asymmetric circuits and electric vehicles...



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# Special Issue



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## 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.

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