Advanced Symmetry Methods for Dynamics, Control, Optimization and Applications in 2023

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Message from the Guest Editors

Dear Colleagues,

Symmetry is pleased to introduce a Special Issue on the theories and applications related to symmetry/asymmetry. The aim of this Special Issue is to highlight papers that address the dynamics, control, optimization, and applications of nonlinear systems. This has recently become an increasingly popular subject, with an impressive growth concerning applications in engineering, economics, biology, and medicine, and can be considered a veritable contribution to the literature. Original papers that share this objective are especially welcome.

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Guest Editors

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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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