

Symmetry in Nonlinear Dynamics and Chaos

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Message from the Guest Editor

Dear Colleagues,

Nonlinear dynamics and chaos have collaborated to increase our understanding of order and pattern in nature. In recent years, notable advances have been developed in nonlinear dynamics and chaos theory. However, many theoretical analyses, experimental studies, and practical applications remain to be further explored.

The aim of this Special Issue is to collect contributions of the recent developments regarding chaotic systems and nonlinear dynamics in all fields of science and engineering. The Special Issue welcomes papers on discrete-time and continuous-time systems, and their applications on modeling psychical, chemical, biomedical, social, and economical systems together with engineering applications. Theoretical and experimental studies, hardware developments, and implementations highlighting advances in nonlinear dynamics and chaos are also welcomed.

Please kindly note that all submitted papers should be within the scope of the journal where symmetry, or the deliberate lack of symmetry, is present.





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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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