Special Issue

Symmetry/Asymmetry in Robust Chaos and Chaotification–Theory and Applications

Message from the Guest Editors

For decades, chaos has attracted the attention of scientists from various fields of interest. As a result, countless works, both theoretical and applied, present new chaotic systems, both continuous and discrete. However, in many areas, it is not enough for a system to be chaotic. It is also required that chaotic systems meet additional assumptions. One of them is the absence of so-called periodic windows. This assumption leads directly to systems that we call robust chaos. This SI is devoted to issues related to robust chaos. It also concerns so-called chaotification methods, i.e., techniques for improving the properties of existing chaotic systems or constructing new systems with chaotic behavior. In addition, this SI will be of particular interest to works that concern chaotic systems that do not generate stable solutions in their dynamics, e.g., fixed points. Both theoretical works and those showing applications related to robust chaos and chaotification are welcome. Among the applications, works on using robust chaos in encryption will receive special attention, but those from other areas are also welcome.

Guest Editors

Dr. Marcin Lawnik

Dr. Murilo da Silva Baptista

Prof. Dr. George F. Fragulis

Dr. Lazaros Moysis

Dr. Christos Volos

Deadline for manuscript submissions

30 June 2026

Symmetry

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 5.3

mdpi.com/si/214207

Symmetry
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
symmetry@mdpi.com

mdpi.com/journal/symmetry

Symmetry

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 5.3

mdpi.com/journal/symmetry

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

Prof. Dr. Sergei Odintsov
ICREA, 08010 Barcelona and Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)

MDPI