

Special Issue

Chaotic Systems: From Mathematics to Real-World Applications

Message from the Guest Editors

For many years, chaotic attractors were known related to saddle equilibrium points. However, about a decade ago some chaotic systems were presented without any equilibria or with stable equilibrium points. Such systems were the beginning of a long journey to find the mystery of the chaotic attractor's generation. Equilibrium points and connecting curves are two exciting features in the study of chaotic dynamics. Recently chaotic systems with multistability have also attracted lots of attention. In this Special Issue, we aim to present the latest developments in the above-mentioned topics. This Special Issue will accept high-quality papers containing original research in the fields such as (but not limited to):

- Chaotic models in nature and biology
- Multistability
- Chaotic circuits
- Chaos control
- Random number generator and image encryption
- Networks of chaotic systems and collective behavior

Guest Editors

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Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.3 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2024).