



## Recent Advances in Chaos, Fractal and Complex Dynamics in Nonlinear Systems

Guest Editors:

**Prof. Dr. Zhouchao Wei**

School of Mathematics and Physics, China University of Geosciences (Wuhan), Wuhan 430074, China

**Dr. Liguoyuan**

Department of Mathematics, College of Mathematics and Informatics, South China Agricultural University, Guangzhou 510642, China

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### Message from the Guest Editors

Dear Colleagues,

Chaos is a common phenomenon in nature and exists in various nonlinear systems. We organized this Special Issue to collect the latest progress in the research of nonlinear dynamics, chaos, fractal and other nonlinear phenomena in nonlinear systems such as ordinary differential systems, partial differential systems, fractional order systems and discrete systems.

We sincerely invite and welcome you to submit the latest articles such as reviews, original papers and comments. The topics are nonlinear dynamics in systems such as ordinary differential systems, partial differential systems, fractional order systems or discrete systems, mainly including new theories, new discoveries and new applications such as chaos, bifurcation and fractal, but they are not limited to these topics.

- The latest discovery of chaos and various bifurcation phenomena in nonlinear systems.
- Fractal phenomena in fractional order systems.
- The latest development of chaos test methods.
- Attractors and hidden attractors in nonlinear systems.
- Measurement of fractal sets in nonlinear systems.
- The latest application research progress of chaos and fractal.





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## Editor-in-Chief

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School of Computer Science and  
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Leicester LE1 9BH, UK

## 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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*Mathematics* Editorial Office  
MDPI, Grosspeteranlage 5  
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