Special Issue

Advances in Fractional-Order Chaotic and Complex Systems

Message from the Guest Editors

This Special Issue aims to promote the development and application of fractional-order chaos theory in fields such as mathematics, physics, computer science, economics, engineering, and artificial intelligence. Innovative research on the theory and application development of fractional-order chaos is very prevalent. In addition, research papers on discovering new fractional-order chaotic phenomena, constructing new fractional-order chaotic systems, and proposing new applications of fractional-order chaos are also very popular. We look forward to receiving research manuscripts on fractional-order chaotic systems, fractional-order memristors, fractional-order neural networks, fractional-order circuits, fractional-order complex systems, and applications based on fractional-order chaos. In conclusion, potential topics include, but are not limited to, the following:

- Fractional-order theory;
- Fractional-order chaotic systems and circuits;
- Fractional-order memristors;
- Fractional-order neural networks;
- Fractional-order complex systems and complex networks;
- Other Fractional-order non-linear systems and circuits;
- Applications based on fractional-order chaos.

Guest Editors

Prof. Dr. Chunhua Wang

Dr. Fei Yu

Dr. Wei Yao

Deadline for manuscript submissions

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Fractal and Fractional

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About the Journal

Message from the Editor-in-Chief

Fractal and Fractional (*Fractal Fract.*) is a scholarly online journal which provides a forum for discussion on new original models and methods in fractals and fractional calculus both from theory and applications. It is a peer-reviewed, open access journal that publishes high quality original research articles, review papers and short communications.

Editor-in-Chief

Prof. Dr. Carlo Cattani
Engineering School (DEIM), University of Tuscia, Largo dell'Università, 01100 Viterbo, Italy

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