

Special Issue

Nonlinear Dynamics, Chaos and Control of Fractional Systems

Message from the Guest Editors

This Special Issue will highlight recent advances in the theory and application of fractional-order systems, with a particular focus on nonlinear dynamics. We welcome original research articles, review papers, and case studies addressing (but not limited to) the following topics:

- Nonlinear fractional-order dynamical systems;
- Control and stability of fractional-order systems;
- Chaos, bifurcation, and complex behavior in FO systems;
- Fractals and fractional modeling;
- Applications to time series and real-world phenomena.

Guest Editors

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Prof. Dr. José Manoel Balthazar

Prof. Dr. Angelo Marcelo Tusset

Prof. Dr. Jeferson José de Lima

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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

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).