

Special Issue

Fractional Dynamical Systems: Applications and Theoretical Results

Message from the Guest Editors

The fractional dynamic is a field of study in mathematics and physics that investigates the behavior of objects and systems by using differentiations of fractional orders. Due to its widespread applications in science and technology, research within the fractional dynamical systems has led to new developments that have attracted the attention of a considerable audience of professionals such as mathematicians, physicists, applied researchers and practitioners. The main objective of this Special Issue is to fill a void in the literature by making relevant information available for an important area of research. The Special Issue on “Fractional Dynamical Systems: Applications and Theoretical Results” provides an international forum for researchers to contribute with original research focusing on the latest achievements in the theory and application of fractional dynamical systems.

Guest Editors

Prof. Dr. Jehad Alzabut
Prof. Dr. Shahram Rezapour
Prof. Dr. George M. Selvam

Deadline for manuscript submissions

closed (20 March 2022)



Fractal and Fractional

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.0



mdpi.com/si/89907

Fractal and Fractional
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fractalfract@mdpi.com

[mdpi.com/journal/
fractalfract](https://mdpi.com/journal/fractalfract)





Fractal and Fractional

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.0



[mdpi.com/journal/
fractalfract](https://mdpi.com/journal/fractalfract)



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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank:

JCR - Q1 (Mathematics, Interdisciplinary Applications) /
CiteScore - Q1 (Analysis)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).