Special Issue

Fractional Calculus in Control and Modelling

Message from the Guest Editor

The main aim of this Special Issue is to present control algorithms and models based on the framework of the fractional calculus. Furthermore, the Special Issue aims at proposing practical applications of fractional calculus. Digital and analogue implementations of fractional order controllers are all welcome as a possible market application of fractional calculus.
We are inviting the submission of papers describing original research work that reflects both recent theoretical advances and experimental results as well as opens new avenues for research.

Guest Editor

Prof. Dr. Riccardo Caponetto
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Deadline for manuscript submissions

closed (31 March 2021)

Fractal and Fractional

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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Author Benefits

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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 19.9 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).

MDPI