

## Special Issue

# Fractional Order Systems with Application to Electrical Power Engineering

### Message from the Guest Editors

As the , we encourage scientists and colleagues to submit their theoretical and applied contributions, as well as review articles, to this Special Issue of Fractal and Fractional on the subject “Fractional Order Systems with Application to Electrical Power Engineering”. This Special Issue aims to explore modeling, design, analysis, and control of fractional-order systems for energy and power engineering applications such as power electronics and electric motor drives, power systems, distributed generation, and multi-energy systems. Fractional calculus can outline many practical dynamic behaviors in the engineering field into fractional-order systems. As a non-standard operator, fractional-order calculus solves the problem that the constitutive model of classical differential equations cannot accurately describe the dynamic behavior of complex systems.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2023)



## 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.

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### Editor-in-Chief

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### Author Benefits

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

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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).