Special Issue

Exploration and Analysis of Higher-Order Numerical Methods for Fractional Differential Equations

Message from the Guest Editors

This Special Issue will be devoted to collating recent results from the numerical methods and applications of fractional differential equations. The topics encouraged for submissions include, but are not limited to, the following:

- The modeling of fractional differential equations;
- Finite difference methods for fractional differential equations;
- Finite element methods for fractional differential equations;
- Spectral methods for fractional differential equations;
- The construction of higher-order numerical differential formulas for fractional derivatives.

Guest Editors

Prof. Dr. Hengfei Ding

Prof. Dr. Changpin Li

Dr. Min Cai

Deadline for manuscript submissions

closed (31 July 2025)

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

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