Special Issue
Advances in Fractals

Message from the Guest Editors

More than forty years after the term being coined by
Mandelbrot, fractals continue to fascinate the scientific
community and the public with their wonderful
propensity to infinitely repeat the same patterns at
various (spatial and/or temporal) scales. The goal of this
Special Issue is to publish a collection of interesting and
novel original research papers or review articles, on a
broad variety of topics related to fractals, viewed either
as geometric or analytic objects, and their applications.
Potential topics include but are not limited to:

- Iterated function system and inversion fractals;
- Fractal generation methods;
- Fractal image compression;
- Fractal interpolation and approximation;
- Fractal curves and surfaces;
- Fractal dimension;
- Fractals and dynamical systems;
- Fractal tilings;
- Mandelbrot and Julia sets;
- Superfractals;
- Multifractals;
- Applications of fractals, for instance, in image
  processing, pattern recognition, etc.

Guest Editors

Prof. Krzysztof Gdawiec

Institute of Computer Science, Faculty of Science and Technology,
University of Silesia, Katowice, Poland

Prof. Dr. Agnieszka Lisowska

Institute of Computer Science, Faculty of Science and Technology,
University of Silesia, Katowice, Poland

Deadline for manuscript submissions

closed (31 December 2023)

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Mathematics

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Author Benefits

High Visibility:
indexed within Scopus, SCIE (Web of Science), RePEc, and other databases.

Journal Rank:
JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Rapid Publication:
manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

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