Special Issue

Advances in Fractal Geometry and Applications

Message from the Guest Editors

Presently, fractal geometry is widely used to model complex structures in systems with very different natures. Fractal geometry provides a quantitative description of complex patterns in real-world systems. The aim of this Special Issue is to survey recent developments and applications of the fractal geometry tools. We look forward to receiving technical notes, full-length research articles, and review papers from different disciplines. Potential topics include, but are not limited to, the following:

- Foundations and methods of fractal geometry;
- Characterization of real-world fractals;
- Fractal continuum models;
- Physical phenomena in fractal systems;
- Fractal approaches in material science;
- Fractal tools for medical diagnostics;
- Fractal mathematics in econophysics;
- Fractal concepts in sociophysics.

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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.

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