Recent Applications of Fractal-Wavelet Analysis in Applied Science and Engineering

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Deadline for manuscript submissions:
closed (30 September 2021)

Message from the Guest Editors

In this Special Issue, we invite and welcome review, expository, and original papers dealing with recent advances in fractal-wavelet analysis and from a more general point of view, all theoretical and practical investigations in physics and engineering focused on this topic.

The main topics of this Special Issue include (but are not limited to):

1. Fractality of discrete sets.
2. Fractal sets and number theory.
3. Iterated function systems random fractals.
4. Fractal markets.
5. Fractal-wavelet models and electromagnetic radiation.
6. Wavelet theory and image processing.
7. Wavelet models in probability.
8. Biomedical engineering and wavelet modelling.
9. Wavelet finance.

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Special Issue

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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