fractal and fractional

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Advance on the Fractal and Fractional Calculus in Electrical and Electronic Engineering

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Deadline for manuscript submissions:
closed (30 June 2024)

Message from the Guest Editors

Dear Colleagues,

Fractal and fractional calculus have seen many developments over the past years and, as a result, many classical models in electrical and electronic engineering are today being analysed using them, such as in the case of circuits, filters, oscillators, impedances, control systems, and so on. It has been demonstrated that fractal and fractional calculus applied to electrical and electronic engineering can provide more flexibility.

The focus of this Special Issue is to continue to advance research on topics relating to the theory, design, implementation, and application of fractal and fractional calculus to the electrical and electronic engineering fields. Topics that are invited for submission include (but are not limited to):

Advanced theory of the fractal and fractional calculus in electrical and electronic Engineering;
Fractal and fractional circuits;
Fractal and fractional filters;
Fractal and fractional oscillators;
Fractional-order control systems;
Fractal and fractional differential equations in electrical and electronic engineering

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Guest Editors

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