Special Issue

Fractional Modelling, Analysis and Control for Power System

Message from the Guest Editors

A large amount of renewable energy, primarily including wind power and photovoltaic energy, has been integrated into the power grid via power electronics. Various regulation devices have been equipped to enhance the power quality. Meanwhile, communication technology and computer technology have been widely implemented in the power system. Therefore, the model of the power system is complex, and it can result in a chaos phenomenon. It has been demonstrated that establishing a model for the power system through fractional calculus can be more accurate. Meanwhile, it is crucial to study the application of control techniques in order to improve the dynamic performances of the power system. This Special Issue seeks to connect researchers from both academia and industry to introduce fractional modelling, analysis and control techniques for the power system and discuss future research opportunities.

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Deadline for manuscript submissions

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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.

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