

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.

Guest Editors

Dr. Sunhua Huang

Prof. Dr. Jie Wang

Dr. Xin Li

Dr. Bin Wang

Dr. Yang Zhou

Deadline for manuscript submissions

closed (31 August 2024)



Fractal and Fractional

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Impact Factor 3.6
CiteScore 4.6



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Fractal and Fractional
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fractalfract@mdpi.com

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Editor-in-Chief

Prof. Dr. Carlo Cattani
Engineering School (DEIM), University of Tuscia, Largo dell'Università,
01100 Viterbo, Italy

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