

Special Issue

The Solutions of Partial Differential Equations and Recent Applications, 2nd Edition

Message from the Guest Editor

Partial differential equations with fractional and integer orders have been applied in many modeling problems. They are inspired by the problems that arise in diverse fields such as biology, finance, physics, differential geometry, control theory, as well as engineering. Furthermore, the formulations of theorems that describe the initial value and boundary value problems are of particular interest to PDE. Here, we consider the wide range of applications, including some physical applications—in particular, the fractional form of the advection–dispersion equation—and the fundamental solution in the form of the Lévy α -stable distribution density among the important applications of fractional modeling. In this Special Issue, we aim to cover the recent developments of the typical models, to generalize the known standard problems, and to replace classical terms with fractional forms.

Guest Editor

Prof. Dr. Adem Kilicman

Department of Mathematics and Statistics, Universiti Putra Malaysia, Serdang 43400, Selangor, Malaysia

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

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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.

Editor-in-Chief

Prof. Dr. Carlo Cattani

Engineering School (DEIM), University of Tuscia, Largo dell'Università,
01100 Viterbo, Italy

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