Special Issue

Numerical and Analytical Methods for Differential Equations and Systems

Message from the Guest Editors

The theory and applications of differential equations have played an essential role both in the development of mathematics and in exploring new horizons in science. From a theoretical viewpoint, the qualitative theory of differential equations as well as analytical methods have contributed to the development of many new mathematical ideas and methodologies for solving ordinary and partial differential equations as well as systems of differential equations. From the viewpoint of applications, differential equations are crucially important for modeling any kind of dynamical systems or processes in real life. Even when analytical methods cannot be used, numerical methods are crucially important for investigating differential equations and understanding their structure to obtain approximations for their solutions. The aim of this Special Issue is to gather a collection of high-quality articles reflecting the current state of the art in the abovementioned topics. We welcome review and research papers covering any interesting developments related to these topics.

Guest Editors

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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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