Special Issue

Fractional Order Functional Differential Equations and Fixed Point Theory

Message from the Guest Editors

The fractional order functional differential equation is an important kind of functional differential equation, which is a generalization of integer-order differential equation. Fractional order functional differential equations are widely used in physics, chemistry, biology, and engineering technology, especially as superior mathematical tools for describing phenomena and processes with memory or viscoelastic properties. This Special Issue is a platform to enhance the communication and presentation of the latest research results of fractional functional differential equations. The main scope of this Special Issue (including but not limited to the points below) is outlined:

- Delay fractional differential and difference equations;
- Impulsive fractional differential and difference equations;
- Neutral fractional differential and difference equations;
- Applying fixed point theory to solve fractional differential and difference equations;
- Solvability and stability;
- Numerical solutions and simulations of fractional order functional differential equations;
- The practical application of fractional order functional differential equations.

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About the Journal

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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