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Mathematical Modeling and Analysis of Fractional Chaotic Systems and Their Applications

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Deadline for manuscript submissions:
closed (20 April 2023)

Message from the Guest Editors

We invite you to submit your recent and novel work in this Special Issue of *Axioms*. The main aim is to showcase recent advances in the modeling and analysis of chaotic systems and their applications using fractional calculus. Through high-quality research, we want to show the advantages of using fractional calculus to chaotic systems applied to tasks, including but not limited to:

- Modeling;
- Synchronization;
- Control;
- Chaos;
- Fractals.

In general, fractional-order differential equations provide what is known as intrinsic memory. Based on this premise, we would like to show the effects of such properties on chaotic systems.

This Special Issue is also open to receiving ideas beyond the topics mentioned above. We look forward to receiving your submissions to this Special Issue.

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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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