

## Special Issue

# Mathematical Modeling and Analysis of Fractional Chaotic Systems and Their Applications

### 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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### Guest Editors

Dr. Antonio Coronel-Escamilla

División Académica de Mecánica Industrial, Universidad Tecnológica Emiliano Zapata, Emiliano Zapata, Morelos 62765, Mexico

Dr. Jesús Emmanuel Solís-Pérez

National School of Higher Studies (ENES), Universidad Nacional Autónoma de México (UNAM), Morelia 58190, Mexico

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### Deadline for manuscript submissions

closed (20 April 2023)



## Axioms

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*Axioms*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[axioms@mdpi.com](mailto:axioms@mdpi.com)

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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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### Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics, Computer Science and Mathematics, Public University of Navarra, 31006 Pamplona, Spain

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