# Special Issue

# Trends in Dynamical Systems and Applied Mathematics

# Message from the Guest Editors

We are pleased to announce a Special Issue of the journal Axioms entitled 'Trends in Dynamical Systems and Applied Mathematics'. Solving problems in our society always requires a certain degree of mathematical structure use, and their solutions, from a global point of view, points to the creation of connected knowledge derived from different branches of mathematics. The goal of all theoretical, applied, or even fuzzy studies is to analyze and understand processes often related to different fields of application such as control theory, electronics, physics, mechanics, economics, biology, and ecology, among many others. Thus, this Special Issue welcomes original research articles, short communications, and review papers on all of these fields that share common ground and main supports with mathematical dynamical systems. The connected tree of several applications and the explorations of their trends have creative potential and eventually can open doors to new fields or guide research toward new unexplored paths.

## **Guest Editors**

Dr. João Manuel Goncalves Cabral

Faculdade de Ciências e Tecnologia, University of Azores, 9500-321 Ponta Delgada, Portugal

Dr. Sandra Maria Santos Vinagre

Department of Mathematics, University of Évora, Evora, Portugal

#### Deadline for manuscript submissions

1 March 2026



# **Axioms**

an Open Access Journal by MDPI

Impact Factor 1.6



mdpi.com/si/226197

Axioms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
axioms@mdpi.com

mdpi.com/journal/axioms





# **Axioms**

an Open Access Journal by MDPI

**Impact Factor 1.6** 



# **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.

## Editor-in-Chief

## Prof. Dr. Humberto Bustince

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

#### **Author Benefits**

#### **Open Access**

 free for readers, with article processing charges (APC) paid by authors or their institutions.

## **High visibility:**

indexed within SCIE (Web of Science), dblp, and other databases.

## Journal Rank:

JCR - Q2 (Mathematics, Applied)

