

Special Issue

Computational and Mathematical Methods in Science and Engineering, 2nd Edition

Message from the Guest Editors

We encourage the submission of papers from a variety of fields, including applications in physics, biology, proteomics, chemistry, finance, economy, and computational medicine. Research exploring specific areas such as pandemics concerning current problems such as COVID-19, diabetes, cancer, HIV, and other medical problems is welcome. Additionally, publications enhancing existing algorithms, methods, and mathematical analyses for important issues are welcome. Topics of interest for this Special Issue include, but are not limited to, the following subjects:

- Computer and mathematical modeling;
- Heuristic and exact algorithms;
- Single- and multi-objective optimization;
- Numerical methods for partial differential equations;
- Forecasting for energy and climate change;
- Machine and deep learning;
- Dynamic systems and signal processing;
- Big data, data mining, and data science;
- Scheduling and timetabling;
- Proteomics, docking, and protein folding problem.

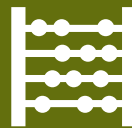
We encourage researchers within this field to contribute original research and review papers before the deadline for this Special Issue.

Guest Editors

Prof. Dr. Juan Frausto Solis
Dr. Juan Paulo Sánchez
Dr. Guadalupe Castilla Valdez

Deadline for manuscript submissions

closed (30 April 2025)



Axioms

an Open Access Journal
by MDPI

Impact Factor 1.6



mdpi.com/si/179471

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

mdpi.com/journal/

[axioms](https://axioms.mdpi.com)





Axioms

an Open Access Journal
by MDPI

Impact Factor 1.6



[mdpi.com/journal/
axioms](https://mdpi.com/journal/axioms)



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)