



Computing Methods in Mathematics and Engineering

Guest Editor:

Prof. Dr. Chong Wang

Institute of Solid Mechanics,
Beihang University, Beijing
100191, China

Deadline for manuscript
submissions:

closed (20 February 2022)

Message from the Guest Editor

This Special Issue will be a platform for the papers with novelty in computational mathematics and engineering, also providing an opportunity for researchers and practitioners to discuss the theoretical development and rational applications of computing methods in the analysis and design of engineering systems. Contributions in a wide range of areas are welcome, including but not limited to the computational issues about model reduction, uncertainty quantification, response prediction, optimization design, parameter identification, and machine learning in the following engineering fields:

- Mechanical manufacture
- Aeronautics and astronautics
- Materials science and engineering
- Electrification and automation
- Structural mechanics
- Electromagnetics
- Civil engineering





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Humberto Bustince

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

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.

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 - Q1 (Mathematics, Applied)

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2024).

Contact Us

Axioms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/axioms
axioms@mdpi.com
[X@Axioms_MDPI](https://twitter.com/Axioms_MDPI)