# Special Issue

## Application of Mathematical Methods in Structural Engineering

### Message from the Guest Editors

This Special Issue is seeking papers related to the application of mathematical methods in structural engineering. We are looking for research and review articles that address the development of novel mathematical methods and their applications in civil engineering, especially in the structural engineering field. The articles for this Special Issue may cover but are not limited to the following subjects:

- mathematical programming;
- mathematical optimization;
- mathematical modeling;
- structural optimization;
- topology optimization;
- finite element analysis;
- structural health monitoring;
- structural state assessment;
- structural reliability analysis;
- probability and statistics;
- computational methods;
- signal processing;
- fuzzy mathematics;
- machine learning.

Any work relevant to the topic is welcome.

### Guest Editors

Dr. Yafeng Wang

Dr. Zhi Ma

Dr. Wenwei Fu

### Deadline for manuscript submissions

closed (20 September 2023)

# Axioms

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 - Q1 (Mathematics, Applied)