

# Special Issue

## Computational Methods and Modeling for Structural Design

### Message from the Guest Editors

This Special Issue focuses on computational methods and modelling for structural design. Rapid advances in computational mechanics and numerical modelling are revolutionizing the analysis, optimization, and design of structural systems. Modern structural design increasingly relies on simulation-based and data-driven approaches to improve performance, reliability, and sustainability. The goal of this Special Issue is to provide a platform for researchers to present innovative developments in computational algorithms, modelling techniques, and computer-aided design tools for complex structural applications. It seeks to promote the integration of theoretical modelling, computational algorithms, and engineering applications to achieve efficient, reliable, and intelligent structural design. The Issue welcomes studies on the development of advanced numerical methods, multi-scale and multi-physics simulations, data-driven modelling, and computer-aided structural design. It will advance computational methods in modern structural design. Researchers are kindly invited to submit their original contributions related to, but not limited to, the following topics.

### Guest Editors

Dr. Qiqi Li

College of Mechanical and Vehicle Engineering, Changsha University of Science & Technology, Changsha, China

Dr. Hanqing Zhang

School of Mechanical and Mechanical and Vehicle Engineering, Changsha University of Science & Technology, Changsha, China

### Deadline for manuscript submissions

30 September 2026



## Mathematics

an Open Access Journal  
by MDPI

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/si/261659](https://mdpi.com/si/261659)

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

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





# Mathematics

---

an Open Access Journal  
by MDPI

---

**Impact Factor 2.2**  
**CiteScore 4.6**



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



## About the Journal

### Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

---

### Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University,  
The Gateway, Leicester LE1 9BH, UK

---

### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).