

## Special Issue

# Mathematical Models and Theoretical Approaches in Software Engineering and Computational Intelligence

### Message from the Guest Editor

Mathematical models play crucial role in field of computing and information processing. They are used to define semantics of programming and modelling languages and to prove correctness of algorithms. They provide the foundation of formal methods, computational intelligence and computational linguistics. In this issue, we invite papers concerning applications of mathematical models, theories and methods to broad area of computing and information processing. We are interested in mathematics based computational approaches, algorithms, implementations and applications thereof. Of particular interest are applications in software engineering, logics and computational intelligence, but not excluding engineering, science, medicine and technology.

### Guest Editor

Prof. Dr. Piotr Kosiuczenko

Institute of Information Systems, Military University of Technology, 00-908 Warsaw, Poland

### Deadline for manuscript submissions

closed (28 February 2025)



## Mathematics

an Open Access Journal  
by MDPI

Impact Factor 2.2  
CiteScore 4.6



[mdpi.com/si/209023](https://mdpi.com/si/209023)

*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).