

Special Issue

Intelligent Computing and Mathematical Physics: Robots, Security Games, Quantum Algorithms and Symbolic Computing

Message from the Guest Editors

This Special Issue invites original submissions not under consideration elsewhere. Authors are requested to contribute essays on innovative and significant scientific contributions, current research initiatives, experimental results, and recent advancements relevant to the following topics:

- Symbol calculation;
- Neural network model;
- Intelligent computing;
- Partial differential equation;
- Mathematical physics;
- Robotics;
- Dynamics;
- Control;
- Numerical simulation;
- Artificial intelligence;
- Transition of turbulence;
- Security game;
- Bi/tri-level programming;
- Facility location;
- Emergency management;
- Meta-heuristic algorithm;
- Quantum algorithm;
- Quantum error correction;
- Quantum machine learning.

We look forward to receiving your contributions.

Guest Editors

Dr. Runfa Zhang

School of Automation and Software Engineering, Shanxi University,
Taiyuan 030013, China

Prof. Dr. Mingchu Li

School of Software Technology and Key Laboratory for Ubiquitous
Network and Service Software, Dalian University of Technology, Dalian
116620, China

Deadline for manuscript submissions

31 December 2025



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/208075

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).