

Special Issue

Computational Methods and Models in Intelligent Control and Pattern Recognition

Message from the Guest Editors

This Special Issue aims to share the latest research and innovative development at the intersection of intelligent control, computational intelligence, and pattern recognition. We seek to foster the exchange of novel ideas and practical solutions that address the core problems of modeling, optimization and control in complex systems. We invite the submission of high-quality original research and comprehensive review articles that contribute to the advancement of this field. Potential topics include, but are not limited to, the following:

- Intelligent control theory and applications for robotics and autonomous systems;
- Advanced pattern recognition and computer vision techniques;
- Deep learning and neural architecture search for system modeling;
- Adaptive dynamic programming and reinforcement learning for optimal control;
- Computational intelligence in automotive electronic control;
- Fuzzy logic systems and intelligent decision making;
- Evolutionary algorithms for complex system optimization;
- Intelligent machinery and human-machine collaboration;
- Optimization and implementation of renewable energy.

Guest Editors

Prof. Dr. Shoutao Li

Department of Control Theory and Control Engineering, Jilin University, Changchun 130025, China

Prof. Dr. Bo Zhao

School of Systems Science, Beijing Normal University, Beijing 100875, China

Deadline for manuscript submissions

28 February 2027



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.3
CiteScore 5.4



mdpi.com/si/258852

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 2.3
CiteScore 5.4



[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 17.4 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).