

Special Issue

Intelligent Financial Systems: Algorithms, Learning, and Decision Mechanisms

Message from the Guest Editors

Accelerating progress in machine learning, deep learning, and generative AI is transforming the financial sector across trading, portfolio management, banking, payments, and insurance. This Special Issue invites submissions on AI in finance that combine methodological rigor with demonstrable impact. Submissions may include deployed or near-deployment applications, high-fidelity simulations, and industry-academic collaborations; works addressing governance and assurance (e.g., robustness, fairness, privacy, and accountability); and surveys that consolidate current practice and identify research frontiers.

- AI and finance
- financial time series
- machine learning
- deep learning
- neural networks
- large language models
- retrieval-augmented generation
- AI agents
- graph learning
- reinforcement learning
- causal inference
- portfolio optimization
- risk management
- algorithmic trading
- sentiment analysis
- text mining
- data mining

Guest Editors

Dr. Qinxu Ding
Dr. Zhiyuan Wang
Dr. Chongwu Xia

Deadline for manuscript submissions

31 July 2026



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/260405

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 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).