Special Issue

New Advances in Computational Finance and Computational Intelligence in Finance

Message from the Guest Editors

This Special Issue will focus on the broad topics of "Computational Finance" and "Computational Intelligence in Finance," presenting original research on the application of computational methods and machine intelligence techniques for modeling in finance. Contributions primarily focused on the following topics are encouraged:

- Artificial intelligence, machine learning and big data in finance and data mining for financial data analysis;
- Financial forecasting and trading algorithms;
- Genetic algorithms, heuristics and metaheuristics in finance and portfolio optimization algorithms;
- Fuzzy logic in financial modeling and quantum computing for finance;
- Accounting analytics, earnings management, blockchain-based accounting, big data analytics in auditing and cloud accounting and big data;
- Computational risk management and computing and financial management;
- Digital assets and cryptocurrencies and asset pricing models;
- ...

For further detailed information, please refer to the special issue website: https://www.mdpi.com/si/120000

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2025)

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.

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