

# Special Issue

## Mathematical Developments in Modeling Current Financial Phenomena

### Message from the Guest Editors

We would like to invite you to submit your most recent research to this Special Issue, “*Mathematical Developments in Modeling Current Financial Phenomena*”, in the journal *Mathematics*. This Special Issue aims to bridge the gap between advanced mathematical models and financial and economic research by providing a collection of articles illustrating the applicability of new mathematical tools and methods to a wide range of current financial challenges, such as, but not limited to, the mathematical modeling of financial market behavior; recession forecasting; behavioral finance models; asset allocation and portfolio theory; modeling in corporate finance; bankruptcy and failure prediction; sustainability issues, e.g., sustainable finance, sustainable growth, green finance, ESG, socially responsible investments; and fintech and digital finance, e.g., cryptocurrency, machine learning, Web 3.0, and financial big data analytics. We encourage the submission of research papers presenting novel results from modeling current financial phenomena using a logical, behavioral, institutional, and quantitative approach.

### Guest Editors

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### Deadline for manuscript submissions

20 May 2025



## Mathematics

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## 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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### Editor-in-Chief

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#### High Visibility:

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JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.3 days after submission; acceptance to publication is undertaken in 1.9 days (median values for papers published in this journal in the second half of 2024).