

Special Issue

Modeling, Analysis and Optimization for Mathematical Finance, Economics and Risks

Message from the Guest Editors

Financial and economic markets are currently characterized by an increasing number of challenging tasks, inflationary environments, energy prices, contractions from the labor markets and credit risk, etc. To respond to the ever-changing market, business, and financial and economic environment, academicians and practitioners constantly endeavor to develop advanced theories, methods, models, and algorithms to solve the needs arising in risk measure and management and investment. In this Special Issue, we aim to contribute to the enrichment of modeling, analysis and optimization for risks in finance, insurance, and economics. We seek considerable contributions to the development and implementation of advanced mathematical and instrumental methods, analysis, and applications in the fields of but not limited to financial and economic risk modeling and management.

Keywords:

- risk measurement and management
- optimal investment
- risk modelling and analysis time series analysis
- insurance
- fintech and insurtech

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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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