

## Special Issue

# AI-Driven Automated Stock Market Forecasting: Mathematical Models and Applications

### Message from the Guest Editor

This Special Issue includes novel research on the emerging challenges that are currently occurring in these days business environment, having as major target revolutionizing the stock market. There are pivotal aspects that draw specialists' and researchers' attention and interest today when centering on offering a better and more in-depth understanding of the most recent trends on the marketplace, namely: the artificial intelligence (AI) stock trading, as a valuable game changer for investors; the impact of AI in enhancing predictive behavior and developing mathematical models capable to forecast future stock trends; the power of creating and developing AI stock prediction software that would depend on the rules of statistical analysis; and the role of multifactor prediction models for the stock market analysis as well as the trading applications. We are interested in conceptual, theoretical, methodological, empirical, and systematic review studies.

### Guest Editor

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### Deadline for manuscript submissions

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## Mathematics

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### 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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