Mathematical Analysis for Financial Modelling

Guest Editor:

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Message from the Guest Editor

In this Special Issue, entitled "Mathematical Analysis for Financial Modelling", we deal with research closely related to mathematical modelling in finance. We focus on novel and innovative methods to derive solutions from financial mathematical modelling for the interpretation of financial perspectives in financial markets. We want many experts to submit the research papers on specific topics, such as option pricing, portfolio optimization, artificial neural networks in finance, stock market forecasting, algorithm trading, and statistical methods for data fitting in finance.

- Option Pricing
- Portfolio Optimization
- Algorithm trading
- Stock market forecasting
- Statistical techniques for the data fitting
- The simulation of financial data
- Machine Learning in Finance

Special Issue