

Special Issue

Mathematical Analysis for Financial Modelling

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

Guest Editor

Prof. Dr. Ji-Hun Yoon

Department of Mathematics, Pusan National University, Busan 46241, Korea

Deadline for manuscript submissions

closed (31 May 2022)



Axioms

an Open Access Journal
by MDPI

Impact Factor 1.6



mdpi.com/si/101916

Axioms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
axioms@mdpi.com

mdpi.com/journal/

[axioms](https://axioms.mdpi.com)





Axioms

an Open Access Journal
by MDPI

Impact Factor 1.6



[mdpi.com/journal/
axioms](https://mdpi.com/journal/axioms)



About the Journal

Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Humberto Bustince

Department of Statistics, Computer Science and Mathematics, Public
University of Navarra, 31006 Pamplona, Spain

Author Benefits

Open Access

— free for readers, with article processing charges (APC) paid by authors or their institutions.

High visibility:

indexed within SCIE (Web of Science), dblp, and other databases.

Journal Rank:

JCR - Q2 (Mathematics, Applied)