



an Open Access Journal by MDPI

Financial Mathematics, Stochastic Control, Machine Learning and Related Fields

Guest Editors:

Dr. Zhou Zhou

Prof. Dr. Xin-Jiang He

Dr. Xiang Yu

Dr. Bin Zou

Deadline for manuscript submissions:

closed (30 September 2022)

Message from the Guest Editors

The purpose of this Special Issue of *Axioms* is to provide a forum for academics and practitioners to present some current advances in the above-mentioned areas. Topics of this issue include, but are not limited to, the following:

- Financial mathematics:
- Stochastic control and games;
- Stochastic analysis;
- Machine learning in finance;
- Mean field games;
- Actuarial science:
- Operations research:
- Computational finance;
- Mathematical economics;
- Risk management;
- Economic and financial modelling;
- Probability theory with applications in finance and economics









an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Humberto Bustince

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

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.

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 - Q1 (Mathematics, Applied)

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 21 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half

of 2024).

Contact Us