

## Special Issue

# Financial Mathematics, Stochastic Control, Machine Learning and Related Fields

### 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.

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### Guest Editors

Dr. Zhou Zhou

Prof. Dr. Xin-Jiang He

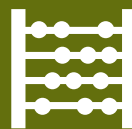
Dr. Xiang Yu

Dr. Bin Zou

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### Deadline for manuscript submissions

closed (30 September 2022)



## Axioms

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## 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.

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### Editor-in-Chief

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