# Special Issue

## Application of Mathematical Methods in Financial Economics

### Message from the Guest Editors

Advanced mathematical tools and methods are becoming more and more necessary in the field of financial economics to provide a better characterization of the complex relationships between economic and financial time series. However, there is often a considerable gap between the state-of-the-art mathematical techniques and the mainstream research in financial economics, particularly that conducted by non-mathematicians. The purpose of this Special Issue is to contribute to close this gap by providing a collection of articles that illustrate the applicability of novel mathematical tools and methods to a wide range of topics in financial economics, including, among others, portfolio management, risk management, portfolio optimization, relationships among financial markets and among financial and commodity markets, information flows across markets, cryptocurrencies and financial markets, green finance and financial risks.

### Guest Editors

Prof. Dr. Román Ferrer

Prof. Dr. Rafael Benítez

Prof. Dr. Vicente J. Bolós

### Deadline for manuscript submissions

closed (31 December 2022)

MDPI

# About the Journal

### 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.

### Editor-in-Chief

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