

Special Issue

Mathematics, Cryptocurrencies and Blockchain Technology

Message from the Guest Editors

Our aim is to contribute to this Special Issue with our research and to encourage our national and international colleagues and the rest of the academic community to submit articles to the Special Issue. Cryptocurrencies are built using complex mathematics and computational methods. However, we do not focus only on mathematics as a feature of the security and effectiveness of cryptocurrencies protocols but also on the pricing mathematics. In that context, the pricing mathematics underlying these instruments can be useful tools for prediction or for estimating the reasonable value of something. Therefore, we consider that an adequate academic research in this field will reinforce the importance of mathematics for cryptocurrencies. Potential topics include, but are not limited to:

- Forecasting models
- Effects on financial markets
- Mathematical models
- Cryptocurrencies mining
- Future of cryptocurrencies
- Abnormal volatility
- Cryptocurrency pump and dump
- Cybercrime and cryptocurrencies
- Exchange frauds in digital transactions

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Deadline for manuscript submissions

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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.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).