

Special Issue

Mathematics, Cryptocurrencies and Blockchain Technology, 2nd Edition

Message from the Guest Editors

Cryptocurrencies, which can be understood as mathematical money, are one of the main challenges that exist in the field of finance today and in our society and way of life in the very near future. The academic world cannot be oblivious to this development. Cryptocurrencies are built using complex mathematics and computational methods. However, in this Special Issue, we do not focus only on mathematics as a feature of the security and effectiveness of cryptocurrencies protocols but also on pricing mathematics. In that context, the pricing mathematics underlying these instruments can be useful tools for the prediction or estimation of the reasonable value of something. Therefore, we consider that 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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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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