

Special Issue

Applications of Mathematics Analysis in Financial Marketing

Message from the Guest Editor

As artificial intelligence, machine learning, block chains, cloud computing, and big data are explosively and revolutionarily deployed in financial markets, researchers and investors are dissecting mathematics as a foundation for technologies. Historically, financial research has been fundamentally reinforced by mathematical innovations and applications. For instance, Markowitz originated portfolio selection, while Sharpe then originated capital asset pricing models. Moreover, Black, Scholes, and Merton originated option pricing. The purpose of this Special Issue is to enhance mathematical research and its application in financial marketing and strengthen the research regarding artificial intelligence, machine learning, block chains, cloud computing, and big data. Artificial intelligence, machine learning, block chains, cloud computing, and big data are dramatically reshaping research and practices for financial marketing. Therefore, we disregard the limitations of specific areas and embrace submissions in all related mathematical, operation-research, statistics, computer-science, and mathematical-finance areas.

Guest Editor

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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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