Special Issue

Research Progress of Probability Statistics

Message from the Guest Editor

This Special Issue covers all aspects of probability and statistics and aims to showcase papers promoting the development of probability and statistics, ranging from their fundamental theory and methodology to their applications. Research papers featuring stochastics in all areas are welcome. This Issue also aims to highlight papers which handle the randomness in real-world systems through probability and statistical techniques. Furthermore, research papers integrating modern technology with stochastic analysis in (but not limited to) artificial intelligence, machine learning, convolutional neural network, communication system, data science, quantum computing, bioinformatics, operations research, finance, etc., are welcome.

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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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