Probability, Statistics and Random Processes

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Message from the Guest Editor

Dear Colleagues,

The probability, statistics and modelling of random processes are well-established yet actively developing domains in science. They feature various applications in diverse areas as finance and economics, engineering, physics, biology and many others. The governing laws of a great deal of the adequate models describing natural and anthropogenic phenomena are stochastic in nature. Furthermore, in modern computation, probability and statistics, both frequentist and Bayesian, play fundamental roles as they are used to solve a multitude of problems in hypothesis testing, regression modelling, sensitivity estimation, etc.

This Special Issue aims to collect high-quality and interesting papers considering recent advances in theoretical and applied statistics, probability and stochastic processes. Manuscripts providing pioneering results and achievements, solving complex problems or suggesting novel and advanced methods and techniques are warmly welcome for submission.

Special Issue

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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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