Special Issue

Stochastic Processes and Their Applications

Message from the Guest Editor

The purpose of this Special Issue is to gather the latest contributions on the recent advances in the theory and applications of stochastic processes and stochastic models. You are kindly invited to contribute to this Special Issue on “Stochastic Processes and Their Applications” with an original research article or comprehensive review. The focus is mainly on the latest innovations in the field of stochastic theory and its practical applications in terms of concepts and techniques, and is oriented towards a broad spectrum of mathematical, scientific and engineering interests. Besides the main topics of stochastic analysis theory, the subjects of interests include applications to mathematical statistical physics, ergodic theory, mathematical biology, mathematical statistics, telecommunications modelling, inventories and dams, reliability, storage, queueing theory, mathematical finance, operations research and theoretical computer science.

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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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