Special Issue

Mathematical Tools and Techniques Applicable to Probability Theory and Statistics II

Message from the Guest Editor

This issue is a continuation of the previous successful Special Issue entitled "Mathematical Tools and Techniques Applicable to Probability Theory and Statistics". Investigations involving the theory and applications of mathematical analytic tools and techniques are remarkably widespread in many diverse areas of the mathematical, physical, biological, chemical, engineering, and statistical sciences. In this Special Issue, we invite and welcome review, expository, and original research articles dealing with (but not limited to) the recent advances in the subject of (among other related areas) probability theory and statistics. We are looking forward to your contribution to this Special Issue.

- mathematical (or higher transcendental) functions and their applications in probability theory and statistics
- probabilistic derivations and applications of generating functions
- the notion of statistical convergence and related developments
- stochastic and martingale sequences and associated approximation theorems
- statistical inference, statistical mechanics and related areas
- summability theory and statistical applications

Guest Editor

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Message from the Editor-in-Chief

Axioms is dedicated to the foundations (structure and axiomatic basis, in particular) of mathematical theories, not only from a crisp or strictly classical sense, but also from a fuzzy and generalized sense. This includes the more innovative current scientific trends, devoted to discover and solve new challenging problems. The prime goal of *Axioms* is to publish first-class, original research articles under an open access policy with minimal fees for the authors. We would be pleased to welcome you as one of our authors.

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