Mathematical Tools and Techniques Applicable to Probability Theory and Statistics

Guest Editor:

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Message from the Guest Editor

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 and related areas
- Summability theory and statistical applications

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