Special Issue

Distribution Theory and Application

Message from the Guest Editors

Statistical distribution theory, including univariate and multivariate, is the basis of statistical modeling in various fields, such as engineering, reliability, medicine, biology, economics, and data science. This Special Issue aims to collect recent developments in distribution theory, including various kinds of representative points of the distribution (including Monte Carlo Methods, quasi-Monte Carlo Methods, and quantization under the mean square error criterion) for statistical inference and resampling, including bootstrap.

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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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