

# Special Issue

## Probability Distributions and Their Applications

### Message from the Guest Editor

probability distributions have enjoyed renewed interest in recent years, with many papers and book chapters (and even a special journal) dedicated to this topic. Probability distributions serve as mathematical models in many branches of science, such as economics, insurance, reliability theory, biology, linguistics, sociology, etc. Their analysis (derivation of their properties, parameter estimations, interrelations such as special cases, generalizations or limit cases) is therefore important in different areas of science, humanities, and engineering. In mathematical statistics, distributions of test statistics are of great importance. In this Special Issue, we are inviting high-quality research papers focused either on theoretical aspects of probability distributions or on their applications. Scientists can contribute original research articles as well as review articles.

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### Guest Editor

Prof. Dr. Jan Macutek

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### Deadline for manuscript submissions

closed (20 July 2023)



## Mathematics

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## About the Journal

### 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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### Editor-in-Chief

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JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

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