Special Issue

Symmetric or Asymmetric Distributions and Its Applications

Message from the Guest Editor

Among the wide applications of probability distributions and statistical models in different areas such as economics, management, engineering, biomedicine, healthcare, and so on, the implementation of symmetric or asymmetric distributions in process monitoring are of high importance in recent years and we can see considerably increasing studies in these areas. Authors are encouraged to submit theorical or applied works in different related fields. To name a few, we can mention (i) statistical process monitoring, (ii) control charts, (iii) applied statistics, (iv) modeling of financial process, and so on. Researchers are invited to contribute original works, review articles, and case studies related to symmetric or asymmetric distributions. In particular, this Special Issue intends to study methodologies for the existing discrete and continuous and the univariate and multivariate distributions in consideration of symmetric and asymmetric distributions.

Guest Editor

Dr. Xuelong Hu

School of Management, Nanjing University of Posts and Telecommunications, Nanjing 210049, China

Deadline for manuscript submissions

30 December 2024

About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

Prof. Dr. Sergei Odintsov
ICREA, 08010 Barcelona and Institute of Space Sciences (IEEC-CSIC),
C. Can Magrans s/n, 08193 Barcelona, Spain

Author Benefits

Open Access:
free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:
indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:
JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)