

Special Issue

Symmetric Distributions, Moments and Applications

Message from the Guest Editor

This Special Issue on distributions and moments (DaM) will publish papers on the theory and applications of probability and statistics. Papers including original results of stochastic processes, stochastic integrals, martingales, probability inequalities, statistics parameter estimation, stochastic differential equations, fractional Brownian motions, continuous time random walk models, anomalous diffusion models, Black–Scholes models, Monte Carlo methods, etc. are welcome. Also welcome are papers on complex dynamical systems, population dynamics modeling, finance mathematics, physical sciences, and any field where stochastic modeling is used. This Special Issue will focus on concepts and techniques and be oriented toward a broad spectrum of applied mathematics and sciences. Focused review articles that review the state of the art and identify upcoming challenges and promising solutions for the scientific community are also invited.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 2022)



Symmetry

an Open Access Journal
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Impact Factor 2.2
CiteScore 5.3



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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.

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