

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

Dr. Zivorad Tomovski

Faculty of Science, University of Ostrava, 30. dubna 22, 701 03 Ostrava, Czech Republic

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Symmetry
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
symmetry@mdpi.com

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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

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