

Special Issue

Symmetry in Statistics and Data Science, Volume 2

Message from the Guest Editor

Symmetry is a central notion in statistics and data science, appearing in various forms in artificial intelligence, data analysis, distribution theory, modeling, networks, nonparametric estimation, parametric estimation, high dimensional data, statistical tests, as well as in many other branches of modern interest. The objective of this Special Issue is to publish highly motivated, original, and innovative research articles that use the notion of symmetry on current topics in statistics and data science. The scope includes but is not limited to the following topics: Artificial intelligence; Bayes methods; Data analysis; Dimension reduction and variable selection; Distribution theory; Estimation; Inference with high-dimensional data; Inference of stochastic processes; Machine learning; Modelling; Nonparametric function estimation; Sample surveys; Statistical algorithms; Statistical methods for imaging; Time series analysis.

Guest Editor

Dr. Christophe Chesneau
Department of Mathematics, Université de Caen, LMNO, Campus II,
Science 3, 14032 Caen, France

Deadline for manuscript submissions

closed (30 November 2023)



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/172198

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

[mdpi.com/journal/
symmetry](https://mdpi.com/journal/symmetry)





Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



[mdpi.com/journal/
symmetry](https://mdpi.com/journal/symmetry)



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)