



## Symmetry in Probability Theory and Statistics

Guest Editors:

**Prof. Dr. Xinmin Li**

School of Mathematics and  
Statistics, Qingdao University,  
Qingdao 266000, China

**Prof. Dr. Daojiang He**

Department of Statistics, Anhui  
Normal University, Wuhu 241003,  
China

**Dr. Weizhong Tian**

College of Big Data and Internet,  
Shenzhen Technology University,  
Shenzhen 518118, China

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### Message from the Guest Editors

Dear Colleagues,

In this Special Issue of *Symmetry*, we are aiming to present research and articles on the concept of symmetry in probability theory and statistics.

Symmetry plays an important role in all aspects of natural sciences, e.g., in econometrics, engineering science, computer science and biology, etc.

Symmetry is a central notion in probability theory and statistics, appearing in various forms in distribution theory, modeling, nonparametric estimation, parametric estimation, statistical tests, change point detection, model averaging, fiducial inference, variable selection, 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 apply the notion of symmetry to current topics in probability theory and statistics.





# symmetry



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## Editor-in-Chief

### Prof. Dr. Sergei D. Odintsov

1. Institució Catalana de Recerca i Estudis Avançats (ICREA),  
Passeig Luis Companys, 23,  
08010 Barcelona, Spain  
2. Institute of Space Sciences  
(ICE-CSIC), C. Can Magrans s/n,  
08193 Barcelona, Spain

## 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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*Symmetry* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/symmetry  
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