

## Special Issue

# Symmetry in Optimization Theory, Algorithm and Applications II

### Message from the Guest Editors

Following the success of the Special Issue of *Symmetry* titled "Symmetry in Optimization Theory, Algorithm and Applications", it is my pleasure to return as the for a second installment. This Special Issue will provide a platform for scholars to present their latest research on symmetry in optimization theory, methods, and applications. Topics of interest include, but are not limited to, symmetric cone optimization, symmetric cone complementarity problems, sparse optimization, statistical optimization, financial statistics, biostatistics, portfolio optimization, interior-point methods, first-order optimization methods, machine learning, artificial intelligence, neural networks, and mathematical modeling.

---

### Guest Editors

Prof. Dr. Guoqiang Wang

School of Mathematics, Physics and Statistics, Shanghai University of Engineering Science, Shanghai 201620, China

Prof. Dr. Jiyuan Tao

Department of Mathematics and Statistics, Loyola University Maryland, Baltimore, MD 21210, USA

---

### Deadline for manuscript submissions

closed (31 December 2024)



## Symmetry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/si/197587](https://mdpi.com/si/197587)

*Symmetry*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[symmetry@mdpi.com](mailto: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)