

Special Issue

Symmetric Ordered Algebraic Structures and Lattice Theory

Message from the Guest Editor

This Special Issue will explore the subject of ordered sets and lattices in different algebraic structures such as commutative algebra, homological algebra, computational algebra, ordered algebra, and hypercompositional algebra, with an emphasis on symmetry relations. The other purpose of this Special Issue is to investigate the application of lattice theory to physics, computer science, and other disciplines.

This Special Issue presents high-quality papers of original research in the field of algebra and the connection between algebraic structures, symmetric relations, ordered sets, and lattices. Articles from related research areas that have a significant bearing on algebra will also be considered. In addition, new theoretical aspects as well as practical applications representing current research directions on this topic are welcome.

Guest Editor

Dr. Hashem Bordbar

Center for Information Technologies and Applied Mathematics,
University of Nova Gorica, SI-5000 Nova Gorica, Slovenia

Deadline for manuscript submissions

31 December 2025



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/207836

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

1. ICREA, 08010 Barcelona, Spain

2. 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, CAPus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)