

## Special Issue

# Symmetry, Asymmetry and Other Patterns in Structural Engineering with Its Application

### Message from the Guest Editor

The phenomena of symmetry or asymmetry occur practically in every type of science, including structural engineering. Taking into account the loads or the geometry of the structure, they are often either symmetrical or asymmetrical. What is more, the symmetry phenomena is often used to reduce the size of the task in order to reduce the cost of computational research.

This Special Issue aims to collect original articles that cover the topics of symmetry/asymmetry in civil engineering. Both theoretical and experimental research are welcome.

In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Steel, concrete, or wood structures research;
- Reliability analysis of building structures;
- The examination of existing structures;
- Optimization of structures.

---

### Guest Editor

Dr. Katarzyna Kubicka

Faculty of Civil Engineering and Architecture, Kielce University of Technology, al. Tysiąclecia PP 7, 25-314 Kielce, Poland

---

### Deadline for manuscript submissions

closed (31 December 2025)



## Symmetry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/si/217459](https://mdpi.com/si/217459)

*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)