

Special Issue

Symmetry and Asymmetry in Engineering Decisions: Data-Driven and Expert-Based Approaches to Multi-Attribute Decision-Making

Message from the Guest Editors

In modern industry and engineering practice, decision-making **is** often conceptualized as the selection of an option among multiple alternatives or possible solutions, which are evaluated according to various attributes or criteria. For this purpose, Multi-Attribute Decision-Making (MADM) methods are most commonly employed. The focus of this Special Issue **is** to highlight the importance of research on symmetry and asymmetry in the application of MADM methods to engineering decision-making problems. We invite contributions to this Special Issue that cover, but are not limited to, the following topics:

- Combining data-driven (objective) and expert-based/fuzzy (subjective) data in the application of MADM approaches in engineering;
- Application and comparison of compensatory and non-compensatory (as well as balanced) approaches in solving specific problems;
- Application of combined and hybrid fuzzy MADM approaches.

Guest Editors

Dr. Nikola Komatina

Department for Industrial Engineering, Faculty of Engineering,
University of Kragujevac, Sestre Janjić 6, 34000 Kragujevac, Serbia

Prof. Dr. Dragan Marinkovic

Department of Structural Mechanics and Analysis, Institute of
Mechanics, Technische Universität Berlin, Strasse des 17. Juni, Nr. 135,
10623 Berlin, Germany

Deadline for manuscript submissions

31 July 2026



Symmetry

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 5.3



mdpi.com/si/255707

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, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

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