

## Special Issue

# Advances in Fuzzy Sets with Their Applications in Complex and Symmetry Multiple Criteria Decision-Making

### Message from the Guest Editors

This Special Issue aims to emphasize the advances and developments in fuzzy set theory and their applications in MCDM, which would be of great significance to expand new theoretical directions and practical applications. We invite researchers and experts worldwide to submit high-quality original research papers that focus on recent advances in fuzzy-sets-based concepts and methodologies, and their applications in MCDM. This Special Issue will be focused on research topics including but not limited to the following: Novel fuzzy representation models; Intuitionistic fuzzy sets; Pythagorean fuzzy sets; Q-rung orthopair fuzzy sets; Dual hesitant fuzzy sets; Probabilistic hesitant fuzzy sets; Probabilistic linguistic term sets; Fuzzy entropy; Fuzzy soft sets; Fuzzy information fusion and aggregation operators; Multiple criteria decision-making methods; Any application areas with fuzzy-sets-based uncertainty modelling; Applications based on fuzzy set theory based in health-care management

### Guest Editors

Dr. Jun Wang  
Dr. Yuping Xing  
Dr. Donghua Chen

### Deadline for manuscript submissions

closed (30 April 2022)



## Symmetry

an Open Access Journal  
by MDPI

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/si/96395](https://mdpi.com/si/96395)

*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

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)