

# Special Issue

## Symmetry in Image Encryption

### Message from the Guest Editors

In the era of digital communication and information security, the preservation of data integrity and confidentiality is paramount. Among others, images are a fundamental and a significant data source in various domains, from healthcare, finance to military and personal communication. This Special Issue, 'Symmetry in Image Encryption' seeks to underscore the intersection and role of symmetry principles, cryptographic techniques, and deep learning in protecting visual information. We invite researchers, practitioners, and experts working in this domain to submit their papers (original research as well as theoretical studies) that uses novel methods, particularly deep learning, to address the symmetrical aspects of image encryption and uncover potential vulnerabilities, thereby contributing to the practical implementation of symmetry-based image encryption techniques.

### Guest Editors

Dr. Sabri My Abdelouahed

LISAC Laboratory, Faculty of Sciences Dhar El Mahraz, Sidi Mohamed Ben Abdellah University, Fes 30000, Morocco

Dr. Yahyaouy Ali

LISAC Laboratory, Sidi Mohammed Ben Abdellah University, Fez 30000, Morocco

### Deadline for manuscript submissions

closed (30 April 2024)



# Symmetry

an Open Access Journal  
by MDPI

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/si/187139](https://mdpi.com/si/187139)

*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)