

# Special Issue

## Differential/Difference Equations and Its Application

### Message from the Guest Editor

Dear colleagues, There is no doubt that differential equations play important roles in modeling real world problems owing to their extensive use in several fields, such as physics, statistics, control theory, electrical circuit theory, dynamical systems, economics, and biology. The main objective of this Special Issue is to foster links between basic and applied research relating to discrete dynamics of complex systems encountered in the natural and social sciences. This should provide a channel of communication between scientists and practitioners working in the field of complex systems analysis and will stimulate the development and use of a continuous and discrete dynamical approach. This Special Issue complements the aim of the journal since symmetry plays an important role in the study of both ordinary differential equations and partial differential equations. The major aim of this Special Issue is for authors from scientific disciplines to publish high-quality research on recent developments in the field of differential and difference systems and related applications. Topics for this Special Issue may include but are not limited to the following...

### Guest Editor

Prof. Dr. Youssef N. Raffoul

Department of Mathematics, University of Dayton, 300 College Park,  
Dayton, OH 45469-2316, USA

### Deadline for manuscript submissions

closed (31 December 2022)



## Symmetry

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.2  
CiteScore 5.3



[mdpi.com/si/52934](https://mdpi.com/si/52934)

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

#### Journal Rank:

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