



symmetry



an Open Access Journal by MDPI

Symmetry in Functional Equations: Methods, Applications and Mathematical Models

Guest Editors:

Dr. Alexandra Galhano

Faculdade de Ciências Naturais,
Engenharias e Tecnologias,
Universidade Lusófona do Porto,
R. de Augusto Rosa 24, 4000-098
Porto, Portugal

Dr. Omid Nikan

School of Mathematics, Iran
University of Science and
Technology, Narmak, Tehran
16846-13114, Iran

Dr. Zakieh Avazzadeh

Department of Applied
Mathematics, Xi'an Jiaotong-
Liverpool University, Suzhou
215123, China

Deadline for manuscript
submissions:

31 December 2024

Message from the Guest Editors

Dear Colleagues,

Functional equations have a long and interesting history in connection with mathematical physics and touch upon many branches of mathematics. They have arisen in the context of both classical and quantum models, being completely integrable systems in several different ways. The aim of this Special Issue is to assemble innovative papers on the theory, methodology, and applications of symmetric/asymmetric mathematical models and methods, applied to various areas of science. We encourage submissions presenting original works with high scientific merit on statistical, computational, and mathematical approaches with an emphasis on behavioral science, biology, biomedical sciences, computer science, data analytics, economics and management, engineering, epidemiology, genomics and genetics, and medicine and social sciences.

Dr. Alexandra Galhano

Dr. Omid Nikan

Dr. Zakieh Avazzadeh

Guest Editors



mdpi.com/si/142615

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Sergei D. Odintsov

1. Institució Catalana de Recerca
i Estudis Avançats (ICREA),
Passeig Luis Companys, 23,
08010 Barcelona, Spain
2. Institute of Space Sciences
(ICE-CSIC), C. Can Magrans s/n,
08193 Barcelona, Spain

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank: JCR - Q2 (*Multidisciplinary Sciences*) / CiteScore - Q1 (*General Mathematics*); Q1 (*Physics and Astronomy*); Q1 (*Computer Science*)

Contact Us

Symmetry Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/symmetry
symmetry@mdpi.com
X@Symmetry_MDPI