

## Special Issue

# Symmetry in Functional Equations: Methods, Applications and Mathematical Models

### Message from the Guest Editors

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.

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### Guest Editors

Dr. Alexandra Galhano

Dr. Omid Nikan

Dr. Zakieh Avazzadeh

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### Deadline for manuscript submissions

30 September 2025



## Symmetry

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## 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.

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### Editor-in-Chief

Prof. Dr. Sergei Odintsov

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