

## Special Issue

# Symmetry in Functional Analysis and Operator Theory

### Message from the Guest Editors

Symmetry is a frequent pattern widely studied in different research fields—not only in crystallography and quantum theory, where its role has long been explicitly recognized, but also in condensed-matter physics, thermodynamics, chemistry, biology, mathematics, engineering science, and others. In this Special Issue, we want to establish some theoretical results and their applications related to recent progress in functional analysis and operator theory, in which the concept of symmetry plays an essential role. In particular, we focus on the applications of functional analysis and operator theory in approximation functional equations, integrodifferential equations, and fractional equations. Therefore, we cordially invite you to publish your results on related subjects in this Special Issue.

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### Guest Editors

Prof. Dr. Donal O'Regan

Prof. Dr. Chenkuan Li

Dr. Reza Saadati

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### Deadline for manuscript submissions

closed (31 August 2024)



## 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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