

# Special Issue

## Symmetry and Graph Theory, 2nd Edition

### Message from the Guest Editors

We warmly invite you to submit original research papers or reviews to this Special Issue entitled “Symmetry and Graph Theory”, which aims to focus on recent developments in graph theoretical research, particularly in relation to symmetry. Graph theory has widespread applications across various research domains, making this Special Issue a platform for valuable contributions to this significant field. This Special Issue encompasses a range of topics in graph theory, such as metric dimension, topological indices, coloring, domination, independence, Ramsey numbers, and polynomials in graphs, among others. We welcome your valuable insights regarding any of these areas.

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### Guest Editors

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### Deadline for manuscript submissions

closed (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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