

# Special Issue

## Symmetry/Asymmetry in Operations Research

### Message from the Guest Editors

Operations research (OR) is an analytical method of problem-solving and decision-making that enables us to achieve the best performance under the given circumstances. It is an interdisciplinary science involving statistical analysis, optimization theory, industrial and systems engineering, management science, Artificial Intelligence, and computer science, etc. Due to its power to handle sophisticated and practical problems, it is being widely applied to various areas, such as supply chains, logistics, production and scheduling, intelligent manufacturing, smart health, transportation planning, operation management, and engineering design. Though symmetry/asymmetry phenomena are observed in most of the aforementioned areas, as with logistics and supply chains, symmetry/asymmetry in OR has not been thoroughly investigated. This Special Issue “Symmetry/Asymmetry in Operations Research” focuses on the methodologies and applications of OR involving symmetry/asymmetry phenomena. It aims to attract high-quality studies of original OR contributions and to promote theoretical developments and real-world implementations in relevant fields...

### Guest Editors

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### Deadline for manuscript submissions

closed (31 July 2025)



## Symmetry

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CiteScore 5.3



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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

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