



*symmetry*



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## Symmetry/Asymmetry in Operations Research

Guest Editors:

**Dr. Yunfei Fang**

School of Economics and  
Management, Fuzhou University,  
Fuzhou, China

**Prof. Dr. Peng Wu**

School of Economics and  
Management, Fuzhou University,  
Fuzhou, China

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### Message from the Guest Editors

Dear Colleagues,

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...



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# Special Issue



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### 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.

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

Tel: +41 61 683 77 34  
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