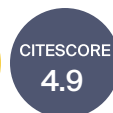




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## Symmetric and Asymmetric Data in Solution Models

Guest Editors:

**Prof. Dr. Edmundas  
Kazimieras Zavadskas**

**Prof. Dr. Jurgita  
Antuchevičienė**

**Prof. Dr. Zenonas Turskis**

Deadline for manuscript  
submissions:  
**closed (31 January 2021)**

### Message from the Guest Editors

Dear colleagues,

This Special Issue is intended to cover symmetric and asymmetric data occurring in real-life problems. Symmetry and structural regularity are essential concepts in many natural and man-made objects and play a crucial role in problem solutions. While the complexity and risks inherent in problem solution models, along with different indicators of success and failure, may contribute to the difficulties in their performance evaluation, multiple solutions generally exist. The existence of data asymmetry also causes difficulties when achieving an optimal solution. Therefore, various solution models can be proposed as an integrated tool to find a balance between components of sustainable global development, i.e., to find a symmetry axis with respect to goals, risks, and constraints to cope with complicated problems. We invite authors to submit their theoretical or experimental research presenting engineering and other problem solution models dealing with symmetry and asymmetry of different types of data.



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# Special Issue



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## 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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