

Special Issue

Symmetry/Asymmetry in Data Mining and Machine Learning

Message from the Guest Editor

The Special Issue “Symmetry/Asymmetry in Data Mining and Machine Learning” explores the pivotal role of symmetry and asymmetry in research. While a symmetrical structure enables generalization, asymmetry captures the complexity and nuances inherent in real-world data. We invite original studies and reviews investigating how symmetry and asymmetry influence algorithm design, feature selection, model training, or data mining and machine learning.

Guest Editor

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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.

Editor-in-Chief

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