Special Issue

Symmetry and Asymmetry in Services Computing Meeting AI

Message from the Guest Editors

This Special Issue will investigate the dual aspects of symmetry and asymmetry in services computing, focusing on the role that these principles play in AI-enhanced systems. This Special Issue will cover both theoretical approaches and practical applications, examining how AI methods such as machine learning, natural language processing, and deep learning can be used to discover, model, and exploit symmetry and asymmetry in service systems. We encourage contributions that explore both the benefits of symmetry in ensuring efficiency and consistency and the potential of asymmetry to foster innovation and resilience in services computing.

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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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