

Special Issue

Symmetry/Asymmetry in Image Processing and Computer Vision Using Embedded Systems

Message from the Guest Editors

- This Special Issue examines the essential functions of symmetry and asymmetry in image processing and computer vision, especially in relation to embedded systems. It seeks to compile pioneering research that demonstrates how these notions might improve algorithm efficiency, accuracy, and performance in real-time applications.
- Contributions may encompass theoretical frameworks, algorithmic innovations, and practical applications that utilize symmetry for tasks including object identification, image segmentation, and feature extraction. Conversely, research examining the advantages of asymmetrical strategies in dynamic and complex situations is also advocated.
- For this reason, this Special Issue encourages researchers and practitioners from different fields to interact, focusing on how hardware and software solutions can work together in embedded systems.

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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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