

Special Issue

Advances in Symmetry and Asymmetry in Image Processing

Message from the Guest Editors

Image processing is a rapidly evolving field, driven by continuous advancements in algorithms, computational power, and the ever-growing need for accurate and efficient data analysis. Within this domain, the concepts of symmetry and asymmetry serve as crucial elements that significantly influence the design and performance of image processing techniques. This Special Issue invites contributions that delve into both theoretical and practical aspects, including but not limited to symmetric and asymmetric image filtering, enhancement, segmentation, and recognition. We also welcome studies on the application of these concepts in radar imaging, remote sensing, and other related fields. By exploring how symmetry and asymmetry can be applied to various aspects of image processing, this Special Issue aims to contribute to the ongoing innovation in the field. We invite researchers to submit original research articles, comprehensive reviews, and innovative case studies that provide new insights and practical solutions in this area.

Guest Editors

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Deadline for manuscript submissions

closed (31 March 2025)



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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.

Editor-in-Chief

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