

Special Issue

Symmetry in Image Processing and Visualization

Message from the Guest Editors

Symmetry in digital image processing and visualization is one of the most rapidly evolving fields of information technology today, and its applications are widely expanded in various fields such as medical imaging, remote sensing, industrial inspection, computer vision and robotics, photo editing, and information visualization. With the rapid growth of multimedia content in social media and smartphone apps, innovative image processing tools and applications are popular for providing featured images to promote the aesthetics, entertainment, publicity, integrity, and security of these applications. The symmetry between visual quality and system performance is one of the most important issues for implementing practical applications. This Special Issue of symmetry invites original research or studies into techniques and applications of symmetry in image processing and visualization.

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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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