



symmetry



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Advances in Computer Vision, Pattern Recognition, Machine Learning and Symmetry

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Message from the Guest Editors

Dear Colleagues,

Machine intelligence is no longer a science fiction utopia but rather a very present reality. It has been evolving rapidly within the fields of computer vision, pattern recognition, machine learning, and symmetry. It is a daunting task to try and keep up with the abundance of new publications that present the most recent advancements within each field. As such, this Special Issue is dedicated to presenting and aggregating recent advancements in these research fields, spread across a universe of applications, such as industry, medicine, robotics, biotechnology, mechanical engineering, and others, as well as in fundamental and theoretical forms.

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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.

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