Special Issue

Mathematical Computation for Pattern Recognition and Computer Vision

Message from the Guest Editors

Pattern recognition and computer vision have always been inseparable from the support of mathematical tools, and increasingly reflect the importance of advanced mathematics. With the development of mathematical tools, it is necessary to further explore the compatibility between pattern recognition and computer vision. Therefore, the focus of this topic includes topics related to pattern recognition and computer recognition, as well as content in image processing, image recognition, multi view 3D restoration, single-image 3D restoration, 3D object recognition, 3D modeling, and other aspects. We hope to drive the development of mathematical theory through research and application in pattern recognition and computer vision; At the same time, advanced mathematical methods can also be used to enhance and solve related technical problems in the fields of pattern recognition and computational vision.

Guest Editors

Prof. Dr. Ying-Hui Wang

School of Artificial Intelligence and Computer Science, Jiangnan University, Wuxi 214122, China

Dr. Wei Li

School of Artificial Intelligence and Computer Science, Jiangnan University, Wuxi 214122, China

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

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