

Special Issue

Advance in Neural Networks and Visual Learning

Message from the Guest Editors

This Special Issue focuses on advances in neural networks and visual learning, and aims to highlight recent advancements in the field of visual analysis using deep learning and neural networks. Visual analysis, including image and video processing systems, is closely related to various fields, such as the Internet of Things, automatic navigation, intelligent robots and smart healthcare. However, image and video analysis can be time-consuming, costly, and prone to human error. With the emergence of artificial neural networks, many of these challenges can be addressed by automating the tasks involved in visual learning and analysis. Therefore, this Special Issue, entitled “Advance in Neural Networks and Visual Learning”, invites leading researchers and developers from both academia and industry to discuss and present their latest research and innovations on the theory, algorithms, and system technologies that could substantially enhance existing artificial neural networks for visual learning. We encourage prospective authors to submit high-quality research related to this subject, including new theoretical methods, innovative applications, and system prototypes.

Guest Editors

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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.

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