New Advances in Computer Vision and Deep Learning

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Message from the Guest Editors

Dear Colleagues,

The purpose of our Special Issue is to contribute to the demonstration of innovative techniques and applications in computer vision and deep learning to solve practical tasks in various research domains. Topics of interest include, but are not limited to:

1. Novel computer vision and machine learning methods and algorithms;
2. Deep learning algorithms and architectures, including deep generative models;
3. Visual quality assessment with computer vision and deep learning;
4. Deep learning model for data fusion;
5. The application of artificial intelligence and machine learning models in various domains, such as smart health, cities and factories;
6. Deep learning for the analysis of digital multimodal biometric and forensics data;
7. Artificial intelligence and machine learning for computer vision (e.g., object classification, detection, segmentation and/or recognition);
8. Deep learning and machine learning in robotics and automation applications (e.g., perception, control, planning, navigation, inspection, manipulation and grasping).

We look forward to receiving your contributions.

Special Issue

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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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