Special Issue

Computer Vision, Image Processing Technologies and Artificial Intelligence, 2nd Edition

Message from the Guest Editors

Computer vision has been expanded into various researching fields, where information is extracted from vision data including image and video. The application of computer vision technology is prevailing in modern human life, with billions of people utilizing applications with the relevant technologies, including image recognition, image processing, object detection, etc. However, there are still many valuable problems in the research and application of computer vision and image processing technology and artificial intelligence. This Special Issue on "Computer Vision, Image Processing Technologies and Artificial Intelligence" is aimed at gathering a collection of original articles contributing to the progress of theoretical and practical research in the domain, including but not limited to the following aspects and tasks:

- Image augmentation;
- Image encoding;
- Image segmentation;
- Image recognition;
- Image classification;
- Image and video retrieval;
- Object detection;
- Image-to-image translation;
- Large-scale model on computer vision.

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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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