Computer Vision and Graphics: Mathematical and Statistical Perspectives

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Message from the Guest Editors

This Special Issue serves as a forum for researchers all over the world to share their works and recent advances in computer vision and graphics braced by mathematical and statistical theories, methods, and models. It is expected to promote the development of computer vision and graphics in the new intelligent and virtual era. The Special Issue seeks original contributions that address the challenges in computer vision and graphics from novel and deep mathematical and statistical perspectives. Articles with novel ideas, datasets, and comprehensive literature reviews are all welcome for submission. Related topics include, but are not limited to, the following:

- Object detection and recognition;
- Data augmentation;
- Face detection and recognition;
- Person re-identification;
- Pedestrian detection;
- Human pose estimation;
- X-ray security image analysis;
- Three-dimensional object detection and recognition;
- Emerging vision and multimedia tasks;
- Scene understanding;
- Computer-aided geometric design;
- AR/VR;
- Three-dimensional reconstruction and modeling;
- Computer games;
- Scientific visualization;
- Anomaly detection.

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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