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Computer Vision and Pattern Recognition Techniques

Collection Editor:

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Message from the Collection Editor

Dear Colleagues,

Recently, AI, machine learning, pattern recognition, and deep learning have been attracting attention in various fields of applications, such as autonomous driving, IoT, robot, drone, smart mobility, etc. These applications acquire data from the surrounding environment through sensing; they then analyze the acquired data, making decisions and actions based on the analysis. Vision sensors are mainly used to acquire data, thus, computer vision technology that analyzes and utilizes visual information is of great importance. The aims of this Special Issue are to provide a venue to publish various research about computer vision technologies based on AI, machine learning, pattern recognition, and deep learning. Specifically, our scope includes recognition tasks (including image classification, object detection, and segmentation), low-level vision tasks (including super resolution and image denoising), and tasks related to video and 3D vision.

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Message from the Editor-in-Chief

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