Special Issue

Deep Learning-Based Image and Signal Sensing and Processing: 2nd Edition

Message from the Guest Editors

Deep learning is very effective in signal sensing, computer vision, and object recognition, and it has been used in many advanced image and signal sensing and processing algorithms proposed in recent years. Deep learning is a critical technique in image and signal sensing. In image processing, deep learning techniques have been widely applied in object detection, object recognition, object tracking, image denoising, image quality improvement, and medical image analysis. In signal processing, deep learning techniques can be applied to speech recognition, musical signal recognition, source separation, signal quality improvement, ECG and EEG signal analysis, and medical signal processing. Therefore, deep learning techniques are important for both academic research and product design. In this Special Issue, we encourage authors to submit manuscripts related to the algorithms, architectures, solutions, and applications of deep learning techniques.
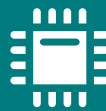
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