Special Issue

Digital Signal and Image Processing for Multimedia Technology

Message from the Guest Editors

Determining how to employ deep learning technology has become a primary research topic in numerous fields. These include, for example, image processing, computer vision, the Internet of Things, natural language processing, and multimedia processing. In addition, due to the increasing process power of electronic devices and the expansion of network transmission bandwidth, deep learning models have begun to be embedded in various edge devices for application in several fields, such as automobiles, transportation, education, manufacturing, and many others. We invite authors to submit original research articles and review articles related to the application of deep learning techniques in image processing and edge devices. Topics of interest in this Special Issue include, but are not limited to the following:

- Machine learning and deep learning for image processing and computer vision;
- Deep learning algorithms for clustering and classification
- Deep learning algorithms for segmentation and data annotation
- Embedded multimedia applications for edge computing
- Novel applications in robotic vision and intelligent consumer electronics
- Application architecture of AI-based systems

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Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

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