Special Issue

Recent Applications of Feature Extraction Technologies in Video Analysis

Message from the Guest Editors

In today's digital landscape, video analysis is a cornerstone in understanding and harnessing the potential of visual data in modern systems. With an increase in the number of complex applications requiring humanoid intelligence, video analysis has become more crucial. Video data encapsulates a wealth of information that is crucial for system automation and intelligence. However, extracting meaningful insights from this data poses significant challenges, ranging from data processing intricacies to model development complexities. This Special Issue encompasses a broad spectrum of topics pertinent to feature extraction in video analysis, from data acquisition to quality enhancement, segmentation, and motion tracking. We welcome contributions that showcase advancements in machine learning and deep learning techniques, including large-scale/lightweight neural networks, domain adaptation, and transfer learning, focusing on industrial applications.

Guest Editors

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Prof. Dr. Rui Pedro Paiva

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Deadline for manuscript submissions

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About the Journal

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 guestedited by leading experts in selected topics of interest.

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