Special Issue

Multimedia Processing: Challenges and Prospects

Message from the Guest Editors

With the rapid development of information technology, multimedia data such as image and video has been widely used in our daily life. Before these multimedia data can be used for multimedia devices, they need to be processed. Moreover, with the development of internet technology, multimedia data has been widely adopted in multimedia devices, such as video surveillance, webcast, and so on. For multimedia data security, the sensitive multimedia data needs to be protected before transmission. Data encryption is an efficient way to achieve this purpose. Compared with the text and binary data, the multimedia data has huge volume, and requires real-time processing, hence, the efficient video encryption algorithms should be designed for multimedia data security. This Special Issue in Electronics focuses on the theoretical and practical design issues of multimedia data processing. Our aim is to bring together researchers, industry practitioners, and individuals working on the related areas to share their new ideas, latest findings, and state-of-the-art achievements with others.

Guest Editors

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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 guestedited by leading experts in selected topics of interest.

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