Mathematical and Computational Methods in Image Processing

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

There have been tremendous advances in image processing algorithms over the past few years. New mathematical and computational techniques have been employed to analyze and process images in a form suitable for analysis. Some of these techniques include graph theoretical methods, dynamic programming for optimization, fuzzy set theory, super resolution methods, and so on. These techniques have found a myriad of applications, especially in the area of biomedical imaging. In addition, an emerging area is the development of deep learning/neural network methods (especially unsupervised learning techniques) for biomedical image analysis and classification. This Special Issue welcomes submissions in all areas of image processing with a special emphasis on innovative mathematical/computational methods and algorithms.

Prof. Vasudevan Lakshminarayanan
Guest Editor

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Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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