Special Issue

Mathematical Modeling of Human Vision and Its Application to Image Processing

Message from the Guest Editors

This Special Issue is dedicated to the mathematical modeling of human vision and its application to image processing (image segmentation, enhancement, inpainting). The scope of the Special Issue is to expose the modern mathematical models of the mechanisms involved in the perception of visual information by the human brain and discuss the brain-inspired methods in image processing which are based on these models.

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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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