

Special Issue

Blind Image Restoration

Message from the Guest Editor

Blind image restoration aims to recover an image from its blurred observation without prior knowledge of the blur mathematical description.

While common imaging systems continue to gain higher quality and image resolution, sources of blur degradation such as motion, diffusing imaging mediums, de-focus, imperfect system components, and others still exist and may be even more significant with a higher imaging resolution. In most real-life blur causes, only a limited prior knowledge exists regarding blur characteristics, and thus, some kind of blind image restoration is required. Some of the methods approach this challenge by first estimating the blur, and then use it to restore the latent sharp image, while others perform both operations iteratively.

Applications of blind image restoration cover a large variety of disciplines, including medical, industrial, and security.

This Special Issue wishes to gather diverse and complementary contributions that demonstrate novel developments, techniques, and applications that will further advance the field of blind image restoration.

Guest Editor

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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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