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Image/Video Restoration Based on Deep Learning and Its Application in Sensing

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Message from the Guest Editors

Image/video restoration, including super resolution, denoising, deblurring and dehazing, aims to recover high-quality outputs from low-quality observations, thus obtaining better visual effects and benefiting subsequent analysis. Therefore, it has been a focus of image/video processing and numerous approaches have been developed. In particular, deep learning-based models have significantly improved restoration performance in recent years.

The goal of this Special Issue is to present recent advances in deep learning-based image/video restoration techniques and their applications in sensing. Authors are welcome to submit research papers, as well as literature reviews, related to image/video restoration, including but not limited to super resolution, denoising, deblurring, compression artifact reduction, deraining, dehazing, restoration-assisted object detection and segmentation, etc.



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Special Issue



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Message from the Editor-in-Chief

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