Special Issue

Deep Learning-Based Image Restoration and Object Identification

Message from the Guest Editors

Image restoration is essential to guarantee the success of subsequent stages of computer vision applications, such as detection and segmentation, since it can recover useful textural and structural information and eliminate the effect of irrelevant information. Object identification is a computer vision technology that deals with recognizing instances of semantic objects (such as humans, buildings, or cars) in images and videos. Object identification has attracted increasing attention in recent years due to its wide range of applications, such as security monitoring, autonomous driving, transportation surveillance, and robotic vision. This Special Issue aims to explore recent advances and trends in the use of deep learning and computer vision methods for image restoration/object identification and seeks original contributions that point out possible ways to deal with image data recovery and identification. This includes but is not limited to deep learning techniques, low-level image processing, image restoration, object recognition/detection, and person/car re-identification.

Guest Editors

Dr. Qiang Wang

Dr. Weihong Ren

Dr. Huijie Fan

Deadline for manuscript submissions

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

mdpi.com/journal/electronics

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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 guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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