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Special Issue Reprint

Image Processing Based on Convolution Neural Network

Edited by: Shaozhang Niu and Jiwei Zhang

This Reprint, titled "Image Processing Based on Convolution Neural Network: 2nd Edition", compiles 12 cutting-edge research articles that reflect the latest advancements in and expanding applications of CNNs in image processing. The contributions explore diverse areas such as face tampering detection, image enhancement under challenging conditions, industrial defect inspection, object segmentation, crowd counting, and image restoration. By presenting state-of-the-art methodologies and findings, this Reprint provides a valuable reference for researchers and practitioners in computer vision and artificial intelligence, highlighting current trends and future directions in CNN-based image processing.

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