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Altri autori (Persone)	JakhetiyaVinit GoyalPuneet KhannaPritee RamanBalasubramanian Sanjeev Kumar
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Nota di contenuto	-- Robustness of ConvNet to high-frequency image corruptions. -- Automated Detection of Cracks in Asphalt pavement images using texture descriptors and Machine Learning classifier. -- Automated BBPS scoring in Colonoscopy: A Comparative Analysis of Pre-trained

Deep Learning Architectures. -- Image Dehazing based on Online Distillation. -- On the Application of Log Compression and Enhanced Denoising in Contrast Enhancement of Digital Radiography Images. -- A Lightweight UNet with Inverted Residual Blocks for Diabetic Retinopathy Lesion Segmentation. -- A Belief Theory Based Instance Selection Scheme for label noise and outlier detection from breast cancer data. -- GAN-Based Super-Resolution for Disease Detection in Aerial Images: A Case Study of Potato Crop. -- Biogeography Based Band Selection for Hyperspectral Image Classification. -- Uncovering the Extent of Flood Damage using Sentinel-1 SAR Imagery: A Case Study of the July 2020 Flood in Assam. -- Robust Unsupervised Geo-Spatial Change Detection Algorithm for SAR Images. -- Automatic diagnosis of age-related macular degeneration via federated learning. -- FResFormer: Leukemia Detection Using Fusion-enabled CNN and Attention. -- S-Net: A Lightweight Real-time Semantic Segmentation Network for Autonomous Driving. -- Segmentation and Labeling of Vertebra using SegFormer Architecture. -- CNN based Tropical Cyclone Intensity Estimation using Satellite Images around Indian Subcontinent. -- MuSTAT: Face Ageing using Multi-Scale Target Age Style Transfer. -- Efficient Contextual Feature Network for Super Resolution. -- T-Fusion Net: A Novel Deep Neural Network Augmented with Multiple Localizations based Spatial Attention Mechanisms for Covid-19 Detection. -- DCT-SwinGAN: Leveraging DCT and Swin Transformer for Face Synthesis from Sketch and Thermal Domains. -- Optimum Selection of Image object attributes for Object-Based Image Analysis and High Classification Accuracy. -- xDFPAD: Explainable Tabular Deep Learning for Fingerprint Presentation Attack Detection. -- Gaze Classification on Redacted Videos. -- Drug Recommendation System for Cancer Patients Using XAI: A Traceability Perspective. -- LiteFace: A Light-weight Multi-person Face Detection Model. -- Synthesis of Glioblastoma Segmentation Data Using Generative Adversarial Network. -- A Machine Learning Approach for Risk Prediction of Cardiovascular Disease. -- Automatic Segmentation of Hard Exudates using LAB color space Contours Edge detection and Morphological Operation. -- A Novel Facial Expression Recognition (FER) Model Using Multi-Scale Attention Network. -- Imitation learning of long-horizon manipulation tasks through temporal sub-action sequencing. -- Adversarial Learning based Semi-Supervised Semantic Segmentation of Low Resolution Gram Stained Microscopic Images. -- NOVEL DATASET CREATION OF VARIETIES OF BANANA AND RIPENING STAGES FOR MACHINE LEARNING APPLICATIONS. -- DeYOLO : A CNN Based Novel Approach for Classification and Localization of Pneumonia in Chest Radiographs -- -- Fingerprint Anti-spoofing Analysis: from Minutiae to Transformers. -- Artificial Eye: Online video browsing guide for visually impaired. -- MediaPipe with LSTM Architecture for Real-Time Hand Gesture Recognization. -- Channel Attention Network for Wireless Capsule Endoscopy Image Super-Resolution. -- COMPUSR: Computationally Efficient Unsupervised Super-Resolution Approach for Wireless Capsule Endoscopy. -- A Novel Real-time Helmet Wearing Detection Technique of motorcyclists Using Fine-tuned YOLOv8 Model for Indian Urban Road Traffic. -- Automatic Signboard Recognition in Low Quality Night Images. -- An Effective CNN-based Approach for Synthetic Face Image Detection in Pre-Social and Post-Social Media Context. -- Anomaly Detection across Multiple Farms through Remote Sensing. -- Free-Throw Prediction in BasketballSport using Object Detection and Computer Vision. -- Hierarchical CNN and Ensemble Learning for Efficient Eye-Gaze Detection. -- Learnable GAN Regularization for Improving Training Stability in Limited Data

	Paradigm. -- Real Time Video Stitching Using Fixed Camera Configurations. -- Joint-YODNet: A Light-weight Object Detector for UAVs to Achieve Above 100fps. -- Automated Deep Learning Technique for Accurate Detection of Regional Wall Motion Abnormality in Echocardiographic Videos. -- Enhancing Computer Vision Performance: A Hybrid Deep Learning Approach with CNNs and Vision Transformers. -- CED-Net: A Generalized Deep Wide Model for Covid Detection.
Sommario/riassunto	The three-volume set CCIS 2009, 2010 and 2011 constitutes the refereed post-conference proceedings of the 8th International Conference on Computer Vision and Image Processing, CVIP 2023, held in Jammu, India, during November 3–5, 2023. The 140 revised full papers presented in these proceedings were carefully reviewed and selected from 461 submissions. The papers focus on various important and emerging topics in image processing, computer vision applications, deep learning, and machine learning techniques in the domain.