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	Autore	Kaur Harkeerat
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		RamanBalasubramanian
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	Soggetti	Image processing - Digital techniques
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	Nota di contenuto	-- Face Image Inpainting using Context Encoders and Dynamically Initialized Mask. -- A Comparative Study on Deep CNN Visual Encoders for Image Captioning. -- Robust Semi Supervised Medical Image Classification Leveraging Reliable Pseudo Labels. -- Semi-supervised

Polyp Classification in Colonoscopy Images using GAN. -- Towards Efficient Semantic Segmentation Compression via Meta Pruning. -- Cross-Domain Feature Extraction using CycleGAN for Large FoV Thermal Image creation. -- Classification of Insect Pest using Transfer Learning Mechanism. -- Federated Scaling of Pre-trained Models for Deep Facial Expression Recognition. -- Damage Segmentation and Restoration of Ancient Wall Paintings for Preserving Cultural Heritage. -- Colorization of Thermal Facial Images into Visible Facial Image using RGB-GAN. -- Fusion of hand crafted features and deep features to Detect COVID 19 detection. -- An Improved AttnGAN model for Text to Image Synthesis. -- Analyzing the impact of Instagram filters on facial expression recognition algorithms. -- MAAD-GAN: Memory-Augmented Attention-based Discriminator GAN for Video Anomaly Detection. -- AG-PDCnet: An Attention Guided Parkinson's Disease Classification Network with MRI, DTI and Clinical Assessment Data. -- Effective-LDAM: An Effective Loss Function To Mitigate Data Imbalance for Robust Chest X-Ray Disease Classification, -- Performance elevation using Augmented Pivot Point Rotation for Kidney Stone Detection. -- MotionFormer: An Improved Transformer-Based Architecture for Multi-Object Tracking. -- Exploring the Feasibility of PPG for Estimation of Heart Rate Variability: A Mathematical Approach . -- Improved Multi-Modal Image Fusion with Attention and Dense Networks: Visual and Quantitative Evaluation. -- Lightweight Learning Model for Speckle Denoising in Digital Holography. -- Comparative Analysis of Stress Prediction using Unsupervised Machine Learning Algorithms. -- A Fractional Order Derivative Based Active Contour Model for Simultaneous Image Despeckling and Segmentation. -- Making Domain Specific Adversarial Attacks for Retinal Fundus Images. -- A fast and efficient algorithm for construction of discrete Voronoi diagram. -- An Explainable Deep Learning Model for Fingerprint Presentation Attack Detection. -- Multiscale Feature Fusion using Hybrid Loss for Skin Lesion Segmentation. -- High Capacity and Reversible Steganographic Technique with Authentication Capability. -- Rough Spatial Ensemble Kernelized Fuzzy C Means Clustering for Robust Brain MR Image Tissue Segmentation. -- One Shot Learning to Select Data Augmentations for Skin Lesion Classification. -- Improved Image Captioning using GAN and ViT. -- Robust CNN-based Segmentation of Infrastructure Cracks Segregating from Shadows and Lines. -- A Natural Language Processing Based Multimodal Deep Learning Approach for News Category Tagging. -- Enhanced Heart Disease Classification using Parallelization and integrated Machine-Learning Techniques. -- Free Space Detection for Autonomous Vehicles in Indian Driving Scenarios. -- EUWOD-16: An Extended Dataset for Underwater Object Detection. -- Low-Light Image Enhancement using Zero-DCE and DCP. -- A comparative study on performances of adaptive and nonadaptive sparse solvers for electric impedance tomography. -- Face Detection in Challenging Scenes with a Customized Backbone. -- A Comprehensive Study on Pre-trained Models for Skin Lesion Diagnosis in a Federated Setting.

| 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. |