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Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14124
Altri autori (Persone)	DelmasPatrice PhilipsWilfried ScheundersPaul
Disciplina	006.37
Soggetti	Computer vision Biometric identification Image processing Robotics Computer Vision Biometrics Image Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A hybrid quantum-classical segment-based Stereo Matching algorithm -- Continuous Exposure for Extreme Low-Light Imaging -- Semi-supervised Classification and Segmentation of Forest Fire using Autoencoders -- Descriptive and coherent paragraph generation for image paragraph captioning using vision transformer and post-processing -- Pyramid Swin Transformer for Multi-Task: Expanding to more computer vision tasks -- Person activity classification from an aerial sensor based on a multi-level deep features -- Person Quick-Search Approach based on a Facial Semantic Attributes Description -- Age-Invariant Face Recognition using Face Feature Vectors and Embedded Prototype Subspace Classifiers -- BENet: A lightweight

bottom-up framework for context-aware emotion recognition --
Yolopoint: Joint Keypoint and Object Detection -- Less-than-one shot
3d segmentation hijacking a pre-trained space-time memory network
-- Segmentation of Range-Azimuth Maps of FMCW radars with a deep
convolutional neural network -- Segmentation of Range-Azimuth Maps
of FMCW radars with a deep convolutional neural network -- A Single
Image Neuro-Geometric Depth Estimation -- Wave-shaping Neural
Activation for Improved 3D Model Reconstruction from Sparse Point
Clouds -- A Deep Learning Approach to Segment High-Content Images
of the E.coli Bacteria -- Multimodal Emotion Recognition System
Through Three Different Channels (MER-3C) -- Multi-Modal Obstacle
Avoidance in USVs via Anomaly Detection and Cascaded Datasets -- A
Contrario Mosaic Analysis for Image Forensics -- IRIS SEGMENTATION
TECHNIQUE USING IRIS-UNet METHOD -- Image Acquisition by Image
Retrieval with Color Aesthetics -- Improved Obstructed Facial Feature
Reconstruction for Emotion Recognition with Minimal Change
CycleGANs -- Quality assessment for high dynamic range stereoscopic
omnidirectional image system -- Genetic Programming with
Convolutional Operators for Albatross Nest Detection from Satellite
Imaging -- Reinforcement Learning for truck Eco-driving: a serious
game as driving assistance system -- Underwater mussel segmentation
using smoothed shape descriptors with random forest -- A 2D Cortical
Flat Map Space for Computationally Efficient Mammalian Brain
simulation -- Construction of a novel data set for pedestrian tree
species detection using google street view data -- Texture-based Data
Augmentation for Small Datasets -- Multimodal Representations for
Teacher-Guided Compositional Visual Reasoning -- Enhanced Color QR
Codes with Resilient Error Correction for Dirt-Prone Surfaces.

Sommario/riassunto

This book constitutes the proceedings of the 21st International Conference on Advanced Concepts for Intelligent Vision Systems, ACIVS 2023, held in Kumamoto, Japan, during August 2023. The 31 papers presented in this volume were carefully reviewed and selected from a total of 48 submissions. They were organized in topical sections named: Computer Vision, Affective Computing and Human Interactions, Managing the Biodiversity, Robotics and Drones, Machine Learning.
