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Altri autori (Persone)	RicciElisa RothStefan RussakovskyOlga SattlerTorsten VarolGül
Disciplina	006.37
Soggetti	Image processing - Digital techniques Computer vision Image processing Computer networks User interfaces (Computer systems) Human-computer interaction Machine learning Computers, Special purpose Computer Imaging, Vision, Pattern Recognition and Graphics Image Processing Computer Communication Networks User Interfaces and Human Computer Interaction Machine Learning Special Purpose and Application-Based Systems
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Nota di contenuto	Walker: Self-supervised Multiple Object Tracking by Walking on Temporal Object Appearance Graphs -- Spatio-Temporal Proximity-

Aware Dual-Path Model for Panoramic Activity Recognition -- DiffiT: Diffusion Vision Transformers for Image Generation -- WebRPG: Automatic Web Rendering Parameters Generation for Visual Presentation -- GPSFormer: A Global Perception and Local Structure Fitting-based Transformer for Point Cloud Understanding -- FreeMotion: A Unified Framework for Number-free Text-to-Motion Synthesis -- FSD-BEV: Foreground Self-Distillation for Multi-view 3D Object Detection -- SceneGraphLoc: Cross-Modal Coarse Visual Localization on 3D Scene Graphs -- ScanReason: Empowering 3D Visual Grounding with Reasoning Capabilities -- MathVerse: Does Your Multi-modal LLM Truly See the Diagrams in Visual Math Problems? -- See and Think: Embodied Agent in Virtual Environment -- PISR: Polarimetric Neural Implicit Surface Reconstruction for Textureless and Specular Objects -- Bridging the Gap Between Human Motion and Action Semantics via Kinematics Phrases -- VisFocus: Prompt-Guided Vision Encoders for OCR-Free Dense Document Understanding -- Masked Angle-Aware Autoencoder for Remote Sensing Images -- Infinite-ID: Identity-preserved Personalization via ID-semantics Decoupling Paradigm -- MultiGen: Zero-shot Image Generation from Multi-modal Prompts -- GazeXplain: Learning to Predict Natural Language Explanations of Visual Scanpaths -- Learning Chain of Counterfactual Thought for Bias-Robust Vision-Language Reasoning -- SegGen: Supercharging Segmentation Models with Text2Mask and Mask2Img Synthesis -- Sync from the Sea: Retrieving Alignable Videos from Large-Scale Datasets -- FinePseudo: Improving Pseudo-Labelling through Temporal-Alignablity for Semi-Supervised Fine-Grained Action Recognition -- Elegantly Written: Disentangling Writer and Character Styles for Enhancing Online Chinese Handwriting -- UniCode : Learning a Unified Codebook for Multimodal Large Language Models -- When Do We Not Need Larger Vision Models? -- GVGEN: Text-to-3D Generation with Volumetric Representation -- Bidirectional Stereo Image Compression with Cross-Dimensional Entropy Model.

Sommario/riassunto

The multi-volume set of LNCS books with volume numbers 15059 up to 15147 constitutes the refereed proceedings of the 18th European Conference on Computer Vision, ECCV 2024, held in Milan, Italy, during September 29–October 4, 2024. The 2387 papers presented in these proceedings were carefully reviewed and selected from a total of 8585 submissions. The papers deal with topics such as computer vision; machine learning; deep neural networks; reinforcement learning; object recognition; image classification; image processing; object detection; semantic segmentation; human pose estimation; 3d reconstruction; stereo vision; computational photography; neural networks; image coding; image reconstruction; motion estimation.