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	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Cross-Camera Deep Colorization -- Attentive Cascaded Pyramid Network for Online Video Stabilization -- Amodal Layout Completion in Complex Outdoor Scenes -- Exploring Hierarchical Prototypes for Few-Shot Segmentation -- BSAM: Bidirectional Scene-Aware Mixup for Unsupervised Domain Adaptation in Semantic Segmentation -- Triple GNN: A Pedestrian-Scene-Object Joint Model for Pedestrian Trajectory Prediction -- Cross-Domain Trajectory Prediction With CTP-Net -- Spatial-Aware GAN for Instance-Guided Cross-Spectral Face

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Reconstruction via Canonical Volume Fusion.-DPIT: Dual-Pipeline Integrated Transformer for Human Pose Estimation.-Integrative Analysis of Multi-view Histopathological Image Features for the Diagnosis of Lung Cancer.-Where Are the Children with Autism Looking in Reality?.-Study on Practical Utility of Image Dehazing Algorithms Based on Deep Learning in Computer Vision Scene Understanding.-Benchmarking Deep Reinforcement Learning Based Energy Management Systems for Hybrid Electric Vehicles.-Self-Attention Based High Order Sequence Features of Dynamic Functional Connectivity Networks With rs-fMRI for Brain Disease Classification -- A New Method for Assigning Hesitation Based on An IFS Distance Metric.-Adaptive Combination of Filtered-x NLMS and Affine Projection Algorithms for Active Noise Control.-Linguistic Interval-Valued Spherical Fuzzy Sets and Related Properties.-A Genetic Algorithm for Causal Discovery Based on Structural Causal Model.-Stochastic and Dual Adversarial GAN-Boosted Zero-Shot Knowledge Graph.-LS-YOLO: Lightweight SAR Ship Targets Detection Based on Improved YOLOv5.-Dictionary Learning-Based Reinforcement Learning With Non-Convex Sparsity Regularizer.-Deep Twin Support Vector Networks.-Region-Based Dense Adversarial Generation for Medical Image Segmentation.-Dynamic Clustering Federated Learning for Non-IID Data.-Dynamic Network Embedding by Using Sparse Deep Autoencoder.-Deep Graph Convolutional Networks Based on Contrastive Learning: Alleviating Over-Smoothing Phenomenon.-Clustering-Based Curriculum Construction for Sample-Balanced Federated Learning.-A Novel Nonlinear Dictionary Learning Algorithm Based on Nonlinear-KSVD and Nonlinear-MOD.-Tooth Defect Segmentation in 3D Mesh Scans using Deep Learning.-Crowd-Oriented Behavior Simulation: Reinforcement Learning Framework Embedded with Emotion Model.-Deep .

Sommario/riassunto	This three-volume set LNCS 13604-13606 constitutes revised selected papers presented at the Second CAAI International Conference on Artificial Intelligence, held in Beijing, China, in August 2022. CICAI is a summit forum in the field of artificial intelligence and the 2022 forum was hosted by Chinese Association for Artificial Intelligence (CAAI). The 164 papers were thoroughly reviewed and selected from 521 submissions. CICAI aims to establish a global platform for international academic exchange, promote advanced research in AI and its affiliated disciplines such as machine learning, computer vision, natural language, processing, and data mining, amongst others.