1.	Record Nr.	UNISA996630870703316
	Autore	Antonacopoulos Apostolos
	Titolo	Pattern Recognition : 27th International Conference, ICPR 2024, Kolkata, India, December 1–5, 2024, Proceedings, Part IV / / edited by Apostolos Antonacopoulos, Subhasis Chaudhuri, Rama Chellappa, Cheng-Lin Liu, Saumik Bhattacharya, Umapada Pal
	Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
	ISBN	9783031781285 3031781287
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (0 pages)
	Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 15304
	Altri autori (Persone)	ChaudhuriSubhasis ChellappaRama LiuCheng-Lin BhattacharyaSaumik PalUmapada
	Disciplina	006.37
	Soggetti	Computer vision Machine learning Computer Vision Machine Learning
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	DeepEMD: A Transformer-based Fast Estimation of the Earth Mover's Distance -- Equivariant Neural Networks for TEM Virus Images Improves Data Efficiency -- AI Based Story Generation -- Deep learning models for inference on compressed signals with known or unknown measurement matrix -- Training point-based deep learning networks for forest segmentation with synthetic data -- Brain Age Estimation using Self-attention based Convolutional Neural Network -- IFSENet : Harnessing Sparse Iterations for Interactive Few-shot Segmentation Excellence -- Interpretable Deep Graph-level Clustering: A Prototype-based Approach -- A Saliency-Aware NR-IQA Method by Fusing Distortion Class Information -- A Guided Input Sampling-based Perturbative Approach for Explainable AI in Image-based Application -- Multi-target Attention Dispersion Adversarial Attack against Aerial

Object Detector -- Mask-TS Net: Mask Temperature Scaling Uncertainty Calibration for Polyp Segmentation -- Label-expanded Feature Debiasing for Single Domain Generalization -- Infrared and Visible Image Fusion Based on CNN and Transformer Cross-Interaction with Semantic Modulations -- Mining Long Short-Term Evolution Patterns for Temporal Knowledge Graph Reasoning -- Rethinking Attention Gated with Hybrid Dual Pyramid Transformer-CNN for Generalized Segmentation in Medical Imaging -- A Weighted Discrete Wavelet Transform-based Capsule Network for Malware Classification -- Data-driven Spatiotemporal Aware Graph Hybrid-hop Transformer Network for Traffic Flow Forecasting -- Automatic Diagnosis Model of Gastrointestinal Diseases Based on Tongue Images -- TinyConv-PVT: A Deeper Fusion Model of CNN and Transformer for Tiny Dataset -- SCAD-Net: Spatial-Channel Attention and Depth-map Analysis Network for Face Anti-Spoofing -- Next Generation Loss Function for Image Classification -- NAOL: NeRF-Assisted Omnidirectional Localization -- EdgeConvFormer: an unsupervised anomaly detection method for multivariate time series -- Lighten CARAFE: Dynamic Lightweight Upsampling with Guided Reassemble Kernels -- Hand over face gesture classification with feature driven vision transformer and supervised contrastive learning -- TabSeq: A Framework for Deep Learning on Tabular Data via Sequential Ordering -- GraFix: A Graph Transformer with Fixed Attention based on the WL Kernel -- Multi-Modal Deep Emotion-Cause Pair Extraction for Video Corpus.

Sommario/riassunto	The multi-volume set of LNCS books with volume numbers 15301-15333 constitutes the refereed proceedings of the 27th International Conference on Pattern Recognition, ICPR 2024, held in Kolkata, India, during December 1–5, 2024. The 963 papers presented in these proceedings were carefully reviewed and selected from a total of 2106 submissions. They deal with topics such as Pattern Recognition; Artificial Intelligence; Machine Learning; Computer Vision; Robot Vision; Machine Vision; Image Processing; Speech Processing; Signal Processing; Video Processing; Biometrics; Human-Computer Interaction (HCI); Document Analysis; Document Recognition; Biomedical Imaging; Bioinformatics.