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Nota di contenuto	-- Intelligent Decision-Making And Optimization. -- A Multi-Operator Evolutionary Algorithm for the Multi-Objective WTA Problem. -- An adaptive multi-granularity dynamic task reallocation method based on CBBA. -- Complete Coverage Path Planning based on Comprehensive Improved Particle Swarm Optimization Algorithm. -- Multi-UGV Task Allocation Based on Improved NSGA-II Algorithm for Forest Firefighting. -- Research on Cooperative Application of UAV Swarm based on Cyber Network. -- A Situation Awareness Method for UAV Swarm Based on Modified Endsley Model. -- Smart Education. .- Intelligent Detection of Student Classroom Behavior Based on an Improved YOLOv8 Model. .-Improving Generative Aspect-Based

Sentiment Analysis via Multi-View Data Augmentation and Supervised Contrastive Learning. -- Dual-Path Attention-Enhanced Graph Convolutional Network for Children's Speech Emotion Recognition. -- Evaluating Learning States in Synchronous Remote Classes via Qwen2.5-Max with RAG and ReAct Agent. -- Smart Healthcare And Rehabilitation. -- Deep Learning-based Quantification of Lumbar Disc Herniation on High-resolution Magnetic Resonance Imaging. -- A Survey of Deep Learning Models from DCNNs to Transformers for Correcting MRI Artifacts and Assisting Smart Healthcare. -- LungAide: An effective 3D Transformer V-Net for Lung Nodule Detection. -- Concordance-Assisted Learning for Estimating Optimal Individualized Treatment Regimes with Censored Data. -- PID control with pedal torque estimation for safety monitoring in lower-limb rehabilitation robots. -- Machine Learning. -- Optimization of traction transformer status prediction based on missing data imputation. -- Online Fine-tuning for Robustness in Offline Reinforcement Learning: Actor-Critic vs Decision Transformer. -- Feature Expansion based Graph Transformer for Node Classification. -- API Sequence Representation via Stochastic Distribution Prediction. -- Cascade adaptive phase optimized active disturbance rejection control for ultra-supercritical units. -- AI For Science And Culture. -- Research on Decision Support for Cultural Heritage Conservation Using Agent-based AI Systems with Prompt Engineering——A Case Study of the "Heritage Echo Planet" World Heritage Large Language Model. -- Building an AI Knowledge Infrastructure for the World Cultural Heritage Vertical: Methodology and Challenges from Local Databases. -- Sustainable Tourism Water Management Research in Bali Based on Grey Correlation Analysis and Intelligent Optimization Algorithms. -- Weak N-best POAFD for Second Order Initial Value Problems of Ordinary Differential Equations. -- Backstepping Stabilization of Stochastic Hyperbolic PDE-ODE Systems. -- Physically Inspired Intelligent Optimization: From Theory To Real-World Systems. -- A 3D Gaussian Splatting-Based Framework for Occlusion-Aware Reconstruction of Immovable Cultural Heritage from Crowd-Sourced Data. -- G-COA : an optimization algorithm inspired by celestial motion behavior. -- A Study on the Force Mechanism of a Many-objective Artificial Physics Optimization Algorithm Based on Clustering and Information Entropy. -- Optimal regulation of green heating systems in parks considering economy and thermal comfort. -- Improved Kepler Optimization Algorithm Based on Hybrid Strategies. -- Application of Multi-Strategy Harris Hawks Optimization Algorithm in Path Planning. -- Three-Dimensional Path Planning for Multiple UCAVs Based on the MP-GWO Algorithm. -- MRLLM: Multimodal Knowledge and Feedback Based Refinement Assist for Robotic Arm Operations using Large Language Model Reasoning. -- DBSCAN clustering and Angle-Correlation driven Bi-Population Constrained Multi-Objective Artificial Physical Optimization. -- Intelligent decision-making technology based on brain-inspired spiking neural networks. -- Quantum-hybrid Multi-objective Artificial Physics Optimization Algorithm. -- An Angle-Penalty Distance and Polarity-Division Guided Algorithm for Many-Objective Electric Field Optimization. -- Advances in Multi-Agent Systems and Visual Perception for Complex Environments. -- AE-BiseNet: Anomaly-enhanced Bilateral Segmentation Network for Industrial Defect Detection. -- Adaptive Flight Control of Unmanned Aerial Vehicle under Sensor Failure Mode. -- Dynamic Diffusion-based Stochastic Trajectory Prediction with Time-frequency Analysis. -- Torque Distribution Strategy Based On Multi-Mode Clutch Transmission. -- A Multi-Ship Intelligent Cooperative Control Framework Based on Hierarchical Reward. --

	Attention-Enhanced Hybrid Graph Neural Network for 3D Localization of Rock Fracture Events.
Sommario/riassunto	This four-volume set constitutes the refereed proceedings of the 9th International Workshop on Advanced Computational Intelligence and Intelligent Informatics, IWACIII 2025, held in Zhuhai, China, in October 31 – November 4, 2025. The 173 papers presented were thoroughly reviewed and selected from the 393 qualifies submissions.