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Nota di contenuto	-- Collective Intelligence and Collective Decision-Making -- Multi-Agents UAV Coordination for Evacuation Support in Disaster-Affected Areas. -- A Multi-Agent Model of Knowledge Acquisition. -- A General Framework for Collective Recommendation System using Dynamic Users Clustering. -- Which motivation strategy impacts game player the most?. -- Multidimensional vector ranking algorithm for the group recommendation system. -- Cooperative Strategies for Decision Making and Optimization -- Multi Objective Optimization of the Home HealthCare Optimization Problem using Machine Learning and Tabu Search. -- Parallel Memetic Differential Evolution for Minimum Sum-of-Squares Clustering. -- Performance Analysis and Optimization for a

Multi-tasking Federated Learning Framework. -- Generating All Connected and Non-Isomorphic Regular Graphs Using a Constraint-Based Approach. -- Stock Price Prediction with PSO-LSTM: A Case Study on Global Corporations. -- Computational Intelligence for Digital Content Understanding -- Classification of Violent Scenes in Cartoon Videos Using Deep Learning Techniques. -- Real-Time Automated Detection of Violent Content in Animated Cartoons Using YOLO. -- RAViS: Region-Aware Video Style Transfer with Prompt-Based Attention. -- Chat2Edit: A Prompt-based Image Editor with Live Feedback and Parameter Recommendation. -- Integrating Local Features into Vision Transformer Architecture for Vietnamese Visual Question Answering. -- Vision Transformer explainability: Enhancing class activation map of every heads using confidence scores with perturbation. -- Enhancing Visual Question Answering with Semantic-Preserving Image Generation. -- Smart Handwritten Notes Recognition: AI-Powered Solutions for Learning Beyond. -- Data Fusion and Application for Industry 4.0 -- Chart VQA: A Step Towards Visual Understanding. -- Mind Sparks: Detecting Aha Moments for Personalized Learning with EEG, -- BiComplex Multimodal Fusion with Entity Attention. -- Advancing Multimodal Knowledge Graph Completion with KAN Fusion and Quaternion Fourier Transform Filtering. -- Topological Framework for Exploring Imbalanced Time Series. -- Enhancing Class Incremental Learning with Fisher-Weighted Parameter Fusion and Feature Alignment. -- Predicting Thesis Orientation for Student Based on Academic Performance. -- Natural Language Processing -- How Good is BLI as an Alignment Measure: A Study in Word Embedding Paradigm. -- Augmenting Classical Chinese - Modern Vietnamese Couplet Parallel Corpus using LLM-assisted methods. -- Enhancing Embedding Representations for Large Language Models: A Comparative Study of the Hashing Trick and One-Hot Encoding. -- Summarizing Vietnamese Books Using a Multi-stage Hybrid Pipeline. -- Parallel speech corpus of Kazakh and Turkish languages: methodology of creation and application prospects. -- Vietnamese Question Answering on Tabular Data via Large Language Models. -- Leveraging GPT-4 for Cryptocurrency News Sentiment Detection: A Multi-Model Benchmarking. -- A Benchmark Dataset and Evaluation Framework for Vietnamese Large Language Models in Customer Support.

Sommario/riassunto

This two-volume set CCIS 2747-2748 constitutes the refereed proceedings of the 17th International Conference on Computational Collective Intelligence, ICCCI 2025, held in Ho Chi Minh City, Vietnam, during November 12–15, 2025. The 67 full papers included in this book were carefully reviewed and selected from 290 submissions. The papers are organized in the following topical sections: Part I: Collective Intelligence and Collective Decision-Making; Cooperative Strategies for Decision Making and Optimization; Computational Intelligence for Digital Content Understanding; Data Fusion and Application for Industry 4.0; and Natural Language Processing. Part II: Deep Learning Techniques; Social Networks and Intelligent Systems; Computational Intelligence in Medical Applications; Data Mining and Machine Learning; and Cybersecurity, Blockchain Technology and Internet of Things.