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Soggetti	Artificial intelligence Computer networks Robotics Computers, Special purpose Image processing - Digital techniques Computer vision Artificial Intelligence Computer Communication Networks Special Purpose and Application-Based Systems Computer Imaging, Vision, Pattern Recognition and Graphics
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Nota di contenuto	Cognitive Computing And Information Processing -- A Colour Secret Image Sharing Scheme Based on the Theory of Prime Number Distribution -- A Novel Design of Radial Basis Function Neural Network Integrating Markov Chain Monte Carlo Clustering Algorithm -- A Synthesis of Techniques for Feature Downgrading Processing in IoT Security -- Anomaly Data Identification and Reconstruction in Wind Power Forecasting Based on MLOF-iForest and RF -- Broad Learning System-Enhanced Fuzzy Inference Framework for High-Efficiency Classification -- Design of Radial Basis Function Neural Network with Neural Gas Network Clustering for Classification of Logistics Black Plastics -- Enhanced Group Method of Data Handling with Roulette Neuron Selection for Time Series Forecasting -- FE-ResNet50:

Frequency Enhanced Attention Network for sEMG Gesture Recognition -- Huber Correntropy Kalman Filter -- Intelligent Cooperative Control -- A Framework for Visual Target Navigation for Quadcopter Based on Large Language Models in Unknown Environment -- Adaptive Output Feedback Control for Nonlinear Time-Delay Systems with Neural Network and Static Gains -- Automatic Ground Collision Avoidance for Aircraft in Uncertain Environments -- -- Investigations Into the Existing State of Distribution Network Security Using Dispersed Generators -- Parking lot Obstacle Detection System using Infrastructure-based Cameras -- Predefined-Time Consensus for First-Order Heterogeneous Nonlinear Multi-Agent Systems -- Research on Automatic Throttle Speed Stability System Based on Magic Carpet Landing Technology -- The Decentralized Trusted Identity Management in the Collaboration of Supply Chain and Logistics Operations -- Unify the Research and Design of Power Quality Regulators -- Learning and Systems -- A Zero Trust Continuous Authentication Scheme Based on Keystroke Dynamics -- Cognitive-Based Autonomous Orbit of Non-Cooperative Targets -- Finite-Time Stabilizing Control of Furuta Pendulum System Based on Disturbance Observer and Integral Sliding Mode Method -- Method of Heading Estimation Based on Underwater Acoustic Sensors -- Optimal Cooperative Control for Constrained Multi-Agent Systems Using Adaptive Dynamic Programming Method -- Pareto-Wise Ranking Generator for Multi-Objective Coevolutionary Generative Adversarial Networks -- Research Progress on Control Technology of Tiltrotor Aircraft -- Robust and Non-Fragile Control for Non-Uniform Sampled-Data Systems Under Try-Once-Discard Protocol -- Tracking Control of -DOF Continuum Manipulator Using Fuzzy PID Method.

Sommario/riassunto

This book constitutes the refereed proceedings of the Third International Conference on Cognitive Computation and Systems, ICCCS 2024, held in Linyi, China, December 20–22, 2024. The 54 revised full papers presented in these proceedings were carefully reviewed and selected from 155 submissions. The papers are organized in the following topical sections: Part I: Cognitive computing and information processing; Intelligent cooperative control; and Learning and systems. Part II: Cognitive computing and information processing; Intelligent cooperative control; and Learning and systems.