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Nota di contenuto	Enhancing Image Quality through Hybrid SparseDeepRain Net: Integrating Convolutional Sparse Coding and Deep Image Prior -- An Android based Food Wastage Reduction Application -- Abstractive Text Summarization of Kannada using CNN LSTM -- Smart Spend: AI based Expense Checker -- SafeRide AI: Enhanced Urban Commuter Safety -- Pulmonary Disease Detection Using Deep Learning -- Deep Learning and OCT Imaging A Novel Ensemble Approach for Eye Disease Diagnosis -- Fault-Tolerant Task Scheduling Using Machine Learning Approaches in Fog Computing A Comprehensive Review -- Student Trade Hub A Comprehensive Platform for Exchange, Learning, and Community Connection -- Deep Learning Method with Capsule

Network for Brain Tumor Identification -- Forecasting Stock Markets Using Artificial Intelligence for Effective Financial Decision Making -- A Framework for Cloud storage data security using confidentiality-based Data classification -- An Innovative Approach for Stock Market Analysis Samriddhi Sanket -- An Automatic Electricity Billing System using Internet of Things -- An Intelligent Water Dispenser for smart Life using Internet of Things -- Transforming Agriculture in Solipur Village The Impact of AI, ML, and IoT -- Intelligent Navigation System for Mapping both Unknown Indoor and Outdoor Environments -- Time optimal flatness-based vibration suppression trajectory planning for overhead cranes -- Multimodal Emotion Aware Neural Networks for Early Diagnosis of Mental Health Disorders.

| Sommario/riassunto | This book presents original, peer-reviewed select articles from the International Conference on Cognitive & Intelligent Computing (ICCIC-2024), held on November 29–30, 2024, at Hyderabad in India. The proceedings has cutting edge research outcome related to machine learning in control applications, soft computing, pattern recognition, decision support systems, text analytics and NLP, statistical learning, neural network learning, learning through fuzzy logic, learning through evolution (evolutionary algorithms), reinforcement learning, multi-strategy learning, cooperative learning, planning and learning, multi-agent learning, online and incremental learning, scalability of learning algorithms, inductive learning, inductive logic programming, Bayesian networks, support vector machines, case-based reasoning, multi-agent systems, human–computer interaction, data mining and knowledge discovery, knowledge management and networks, data intensive computing architecture, medicine, health, bioinformatics, and systems biology, industrial and engineering applications, security applications, smart cities, game playing and problem solving, intelligent virtual environments, economics, business, and forecasting applications. Articles in the book are carefully selected on the basis of their application orientation. The content is expected to be especially useful for professionals, researchers, and research students working in the area of cognitive and intelligent computing. |