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Soggetti	Computational intelligence Artificial intelligence Image processing - Digital techniques Computer vision Natural language processing (Computer science) Computational Intelligence Artificial Intelligence Computer Imaging, Vision, Pattern Recognition and Graphics Natural Language Processing (NLP)
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Nota di contenuto	Secure Private Data Storage and File Sharing Using Homomorphic and Hybrid Hash-Based Cryptographic Technique in Cloud -- Revolutionizing Healthcare: The Impact of Artificial Intelligence in Connected Medicine – Unleashing the Power of Real-time Diagnostics, Personalized Treatment and Ethical AI Adoption -- ViTaL: An Advanced Framework for Automated Plant Disease Identification in Leaf Images Using Vision Transformers and Linear Projection for Feature Reduction -- Enhancing Path Planning with Obstacles via a Combined Dijkstra-LbCS Methodology -- Revitalising Volunteerism: The Transformative Influence of Artificial Intelligence in Volunteer Management --

Optimizing The U-Net Model For Segmenting The Lung Opacity Regions
InChest Radiographs -- Intelligent Surveillance Camera System Based
on Object Tracking -- Data-Efficient Training for Effective Paraphrase
Retrieval Techniques Using Language Models to Identify Research Gaps
-- Enhancing IoT Anomaly Detection with DBSCAN - A Data-Driven
Approach -- Enhancing Efficiency and Functionality of Voice-Controlled
Cars through NLP Techniques and Additional Features -- Ensembling of
Performance Metrics in Credit Risk Assessment Using Machine Learning
Analytics -- GUARDING THE GATE: Innovative Solutions for Third-Party
App Vulnerabilities -- Prediction of Compressive Strength of
Geopolymer Concrete via Machine Learning Techniques -- Personalized
Stress Mitigation through EEG Based Stress Classification and Music
Recommendation.

Sommario/riassunto

This book features high-quality research papers presented at the International Conference on Computing and Machine Learning (CML 2024), organized by the Department of Computer Applications, Sikkim Manipal Institute of Technology, Sikkim Manipal University, Sikkim, India during April 29–30, 2024. The book presents diverse range of topics, including machine learning algorithms and models, deep learning and neural networks, computer vision and image processing, natural language processing, robotics and automation, reinforcement learning, big data analytics, cloud computing, Internet of things, human–robot interaction, ethical and social implications of AI, applications in healthcare, finance, and industry, computer modeling, quantum computing, high-performance computing, cognitive and parallel computing, cloud computing, distributed computing, embedded computing, human-centered computing, and mobile computing.
