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Nota di contenuto	A Review of AI for Curriculum Development and Improvement in Education -- Intelligent Healthcare: Progress in Machine Learning and IoT Solutions -- Agile Leadership and Strategy: A Case Study from Bahrain Polytechnic -- Advanced AI-Driven Thematic and Narrative Analysis: Exploring Deep Learning in Literature -- Intersection of Technology and Humanity through AI with Digital Twins for Sustainability and Global Equity -- Designing Augmented Reality Resources Framework for Contemporary Education -- Investing technology in the mutation process holds immense potential in combating fraud -- Unlocking Potential: Transformative Strategies to Conquer Language and Knowledge Barriers in Higher Education Institutions -- Navigating AI Ethical Dilemmas: A Marxist Technological Perspective and Governance Pathways -- Advancements in Fault Detection Techniques for Optical Fiber Networks: A Comprehensive Review -- Generative AI-based Approach for Scalable and Cost-Effective Sustainable Urban Planning using Satellite Imagery --

Digitalization of Warehouse Management: Real-Time Pallet Tracking Using YOLO and CBAM-Enhanced Deep Learning Models -- Enhancing Facial Emotion Recognition Accuracy Through Face Landmark Detection.

Sommario/riassunto

This proceedings volume discusses the transformative impact of AI, digital transformation, and data science across education, literature, linguistics, and interdisciplinary sciences. It delves into how AI-driven personalized learning, immersive virtual and augmented reality, and adaptive systems are reshaping education by fostering inclusivity, creativity, and innovative teaching methods. In literature and linguistics, the book highlights AI-assisted literary analysis, machine translation, and digital preservation, offering new perspectives on language patterns and storytelling. It also examines how AI is enhancing interdisciplinary research, promoting cross-disciplinary collaboration, and enabling data-driven insights in social sciences and the digital humanities. With a focus on ethical considerations and the integration of technology into diverse fields, this insightful collection is ideal for academics, professionals, and policymakers, bridging AI-driven innovation and practice to offer a holistic view of how technology is reshaping society across multiple domains.