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Nota di contenuto	Bridging Theory and Practice: Developing Virtual Classroom for Interactive Lighting Education -- Mitigating Overfitting in Tikog Grass Prediction: An Enhanced LSTM-XGBoost Model for Sustainable Handicraft Production -- Livia: An Emotion-Aware AR Companion Powered by Modular AI Agents and Progressive Memory Compression -- DATA IMPUTATION STRATEGIES FOR GRU-BASED CORN YIELD FORECASTING: A COMPARATIVE ANALYSIS OF KNN, MICE, AND EM -- Seeing is Feeling: Hyper-Real VR and Emotional Engagement - A Theory-Driven Framework for Visual Factor Design -- Efficacy of Static VR vs. DQN-Enhanced VR with Sensor-Enabled Tactile Feedback for Pediatric Venipuncture: A Randomized Controlled Trial --

Technological Innovations in Education: Virtual Reality's Role in Qatar's Educational and Economic Landscape -- Virtual Reality Simulation for Driver's License Test -- Explosive Neutralization Training in Virtual Reality -- Developing a Virtual Reality Human-in-the-Loop Simulation Interface for Managed Lane Assessment.

Sommario/riassunto

This book gathers a collection of selected works and new research results of scholars and graduate students presented at the 9th International Conference on Artificial Intelligence and Virtual Reality (AIVR 2025) held in Osaka, Japan during July 11-13, 2025. The focus of the book is interdisciplinary in nature and includes research on all aspects of artificial intelligence and virtual reality, from fundamental development to the applied system. The book covers topics such as system techniques, performance, and implementation; content creation and modelling; cognitive aspects, perception, user behaviour; AI technologies; interactions, interactive and responsive environments; AI/VR applications and case studies.
