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Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 1647
Disciplina	004
Soggetti	Social sciences - Data processing Artificial intelligence Computer vision Education - Data processing Computer Application in Social and Behavioral Sciences Artificial Intelligence Computer Vision Computers and Education
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Evaluating University Students' Information Literacy: An Approach from Task-Based Test Execution -- Teaching digital competence in higher education. A comprehensive scientific mapping analysis with Rstudio -- Decision making by applying Z-numbers -- Comparative analysis of the performance of machine learning techniques applied to real and synthetic fraud-oriented datasets -- Academic Management in Higher Education 4.0 facing the challenges of Industry 4.0 -- Linear regression analysis of heart rate while learning the soccer technique of driving. A case study -- Optimization Models Used in Water Allocation Problems in River Basin with Reservoirs: A Systematic Review -- Factors that limit the achievement of learning in Telemedicine of health professionals in Peru -- Multimodal deep learning for crop yield prediction --

Augmented Reality for Real-Time Control of a Robotic Arm with IoT Connection -- Development of an IoT-Based Precision Agriculture System for Strawberry Plantations in Guamote Ecuador -- Cancer detection based on electrical properties of tissues -- Artificial Intelligence applied to Video Game for detection of Mild Cognitive Impairment -- YouTube and Instagram applied to e-Learning -- Identifying the Political Tendency of Social Bots in Twitter using Sentiment Analysis: A Use Case of the 2021 Ecuadorian General Elections.

Sommario/riassunto

This book constitutes the refereed proceedings of the Second Doctoral Symposium on Information and Communication Technologies, DSICT 2022, held in Manta, Ecuador, in October 2022. The 15 full papers were thoroughly reviewed and selected from the 72 submissions. The papers present research in areas of intelligent systems, artificial intelligence, ICTs and their applications to the real world.
