

1. Record Nr.	UNINA9910838287003321
Titolo	Multimedia Technology and Enhanced Learning : 5th EAI International Conference, ICMTEL 2023, Leicester, UK, April 28-29, 2023, Proceedings, Part I / / edited by Bing Wang, Zuojin Hu, Xianwei Jiang, Yu-Dong Zhang
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-50571-9
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (512 pages)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 532
Disciplina	371.334
Soggetti	Education - Data processing Multimedia systems Social sciences - Data processing Computer networks Computers and Education Multimedia Information Systems Computer Application in Social and Behavioral Sciences Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	AI-based Education and Learning Systems: A Mobile Application for Taking Notes Based on Cornell Technique -- Extraction of the 1961—2020 Long Time Scale Climate Memory Signal in Qingdao -- Application of Superpixel Clustering Algorithm to Hip Joint Image Segmentation Registration -- Design and implementation of interactive platform for mental health promotion based on mobile Internet -- Defect Detection Method of Overhead Line Pins Based on Multi-Sensor Data Acquisition of UAV -- Online Monitoring Method of Municipal Water Supply and Drainage Pipeline Based on Machine Vision -- Design of Intelligent Security Inspection System for Airport Passengers' Carry on Luggage Based on Machine Learning -- Robust Design of Machine Translation System Based on Convolutional Neural Network -- Design of English and American Literature Online Learning System Based on

Android -- Design of College English Reading Teaching Feedback System Under Cloud Platform -- Smooth Switching Control Method for Parallel and Off Grid of Distributed Photovoltaic Power Grid Based on Deep Reinforcement Learning -- Classifying Evaluation Method of Innovative Teachers' Teaching Ability Based on Multi source Data Fusion -- Web based Adaptive Integration Method of College Students' Comprehensive Quality Evaluation Data -- A Method of Mining Abnormal Data of College Students' Physical Fitness Test Based on Deep Learning -- Low Resolution 3D Image Enhancement Based on Artificial Neural Network -- Adaptive Slot Allocation Method for Data Link of Uav Transmission Network -- Cross Layer Method of Reliable Transmission in UAV Ad Hoc Network Based on Improved Ant Colony Algorithm -- Leakage and Discharge Fault Detection Technology of Subway Electromechanical Equipment Based on Big Data Analysis -- Research on Random Intrusion Depth Detection of Internet of Things Based on 3D Convolutional Neural Network -- Intelligent Measurement of Power Frequency Induced Electric Field Strength Based on Convolutional Neural Network Feature Recognition -- Research on Motion Stability Control Algorithm of Multi-axis Industrial Robot Based on Deep Reinforcement Learning -- An Intelligent Mining Method of Distributed Data Based on Multi-Agent Technology -- Medical and healthcare: Local binary Pattern and RVFL for Covid-19 diagnosis -- Feature selection using data mining techniques for Prognostication of cardiovascular diseases -- Research on the Construction and Application of Smart Hospital Based on Mobile Terminal Security Aggregation Business Management Platform -- Research on Information Security Management in Hospital Informatization Construction -- Research and Thinking on the Construction of Internet Hospitals in Psychiatric Hospitals -- A Method of Indoor Space Layout for Home Stay Based on Binocular Vision SLAM -- Research on Modeling and Evaluation of Topology Reliability of Smart Campus Network Based on Cloud Computing -- Intelligent Retrieval Method of Massive Music Information Resources Based on Deep Learning -- Reliability Evaluation Method of Online Japanese Teaching Software Based on Bayesian Network -- Intelligent Analysis Method of Multidimensional Time Series Data Based on Deep Learning -- An Intelligent Teaching System Based on Mobile Terminal for the Simulation of Legal Education Scenarios -- Security Analysis of Car Driving Identification System Based on Deep Learning -- Construction of Intelligent Evaluation Model for Electric Power Marketing Inspection Status Based on Cloud Measurement.

Sommario/riassunto

The four-volume set LNICST 532, 533, 534 and 535 constitutes the refereed proceedings of the 5th EAI International Conference on Multimedia Technology and Enhanced Learning, ICMTEL 2023, held in Leicester, UK, during April 28-29, 2023. The 121 papers presented in the proceedings set were carefully reviewed and selected from 285 submissions. They were organized in topical sections as follows: AI-based education and learning systems; medical and healthcare; computer vision and image processing; data mining and machine learning; workshop 1: AI-based data processing, intelligent control and their applications; workshop 2: intelligent application in education; and workshop 3: the control and data fusion for intelligent systems.