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Soggetti	Education - Data processing Artificial intelligence Computer networks Computer systems Information technology - Management Computers and Education Artificial Intelligence Computer Communication Networks Computer System Implementation Computer Application in Administrative Data Processing
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Nota di contenuto	IT promoted Teaching Platforms and Systems -- Design of Online Teaching Auxiliary Platform for Physical Education Professional and Technical Courses -- Design of Online Art Appreciation Course Teaching System Based on Interactive Scene -- An Empirical Study on the English Teachers' Informatization Ability in Yunnan Ethnic Minority Area -- Design of Aerobics Network Teaching System Based on Artificial Intelligence -- Design of Online Open Wushu Sanda Teaching Platform Based on Hybrid Reality Technology -- Design of Intelligent Financial Education Assistant System Based on Blockchai -- Enterprise Strategic Financing Risk Management Auxiliary Education System Based+ on Data Mining -- Leg Posture Correction System for Physical

Education Students Based on Multimodal Information Processing -- Online Interactive Teaching System of Sanda Course Based on P2P Network -- Intelligent Computer Aided Instruction System Based on Cloud Computing -- Construction of Online Ideological and Political Education Platform Based on Artificial Intelligence Technology -- Intelligent Interactive Mobile Teaching Platform in Colleges and Universities Based on Artificial Intelligence Network -- Construction of Multimedia Online Education Platform Based on Fuzzy Neural Network -- Design and Implementation of Mobile Intelligent Education System Based on Cloud Architecture -- Design of Online Preschool Education Decision Support System Based on Data Mining -- Construction of Online Education Model of Marketing Specialty Based on Cloud Computing -- Design of Tibetan Vocabulary Online Learning System Based on Multi-Terminal Integration -- Design of online teaching system for theory of Variable Order Fractional gradient descent method -- Research on Collaborative Learning Behavior Recognition of Online Education Platform Based on Data Mining -- Design of Online Education System for Ideological and Political Courses of Traditional Chinese Medicine Based on MOOC Model -- Assistant Teaching System of Human Resource Management Course Based on Data Mining -- Design of Virtual Experiment Online Teaching System for Economics and Management in Colleges and Universities Based on Virtualization Technology -- Design of Online Teaching System Based on Clustering Algorithm -- Design of Distance Teaching System for Textile Pattern Design Course Based on Online and Offline Integration -- Online Training System of Distribution Network Equipment Operation and Maintenance Security Based on Cloud Model -- Design of Intelligent Education Management Information System in Colleges and Universities from The Perspective of Big Data -- Mobile Terminal-Based Remote Counseling Education System for Middle School Students' Mental Health.-Design of Online Teaching System for Architecture Major Based on Virtual Reality Technology -- Multimodal Information Processing Method of College English Course Online Education System.-Design of Intelligent Accounting Education System Based on Data Processing Technology -- Training Simulation System of Aviation Electromechanical Specialty Based on Multimodal Information Processing -- Practical Teaching Platform of Aircraft Maintenance Skills Based on Virtual Reality Technology -- Information Teaching Management System of College Employment Guidance Course Based on Hybrid Architecture -- Teaching and training system of power grid monitoring technology based on multimodal information processing -- AI based Educational Modes and Methods -- Image Watermark Removal Method of Classroom Teaching Recording and Broadcasting System Based on Deep Learning -- Research on Online Digital Painting Creation Education Model Based on Cloud Platform -- Intelligent Course Scheduling Method of Single Chip Microcomputer Application Technology Based on Reinforcement Learning -- Intelligent Prediction Method of Online Open Course Passing Rate of Automation Technology -- Transmission Line Visual Inspection Method Based on Neural Network Online Learning -- Intelligent Integration Method of Innovation and Entrepreneurship Education Management Information Based n ANNS -- Extraction Method of Emotional Elements of Online Learning Text Information Based on Natural Language Processing Technology -- Simulation Analysis Of Entrepreneurial Behavior Selection Mechanism of Higher Vocational College Students Based on Teaching Big Data -- College Library Assisted Online Teaching Model Based on Cloud Service -- Innovative Application of Big Data Technology in Network Teaching Model of University Courses --

Intelligent Statistical Method of Accounting Information Teaching Data Based on SVM -- Research on Online Teaching Method of Children's Sports Enlightenment from The Perspective of Artificial Intelligence -- Deep Level Intelligent Mining Method of Online Education Decision Information in Economic Management -- Research on Data Mining Technology of Online Intelligent Education Under Collaborative Learning -- Resource Assisted Online Teaching Model of University Library in The Context of Ecological Civilization -- Online Education and Learning Model of Applied Optics Course Based on Artificial Intelligence -- Online Teaching Method of Biochemistry Course of Nursing Specialty Based on Association Rules -- Music Distance Education Resource Sharing Method Based on Big Data Platform -- Real-Time Tracking Method of Students' Targets in Wushu Distance Teaching Based on Deep Learning -- Research on Anomaly Detection of Distributed Intelligent Teaching System Based on Cloud Computing -- Abnormal Traffic Detection Method of Educational Network Based on Cluster Analysis Technology -- Simulation Operation System of Civil Aviation Professional Electromechanical Equipment Based on Human-Computer Interaction -- Design of Online Teaching Method for Subject Knowledge of Mathematics Teachers in Higher Vocational Colleges Based on Convolutional Neural Network -- 3D Reconstruction Method of Virtual Teaching Laboratory Model Based on Akaze Features.

Sommario/riassunto

The two-volume set, LNICST 453 and 454 constitutes the proceedings of the 8th EAI International Conference on e-Learning, e-Education, and Online Training, eLEOT 2022, held in Harbin, China, in July 2022. The 111 papers presented in this volume were carefully reviewed and selected from 226 submissions. This conference has brought researchers, developers and practitioners around the world who are leveraging and developing e-educational technologies as well as related learning, training, and practice methods. The theme of eLEOT 2022 was "New Trend of Information Technology and Artificial Intelligence in Education". They were organized in topical sections as follows: IT promoted Teaching Platforms and Systems; AI based Educational Modes and Methods; Automatic Educational Resource Processing; Educational Information Evaluation. .
