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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
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Innovation and Entrepreneurship Education Management Information
Based n ANNS -- Extraction Method of Emotional Elements of Online
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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. .
