

1. Record Nr.	UNISA996518468103316
Titolo	E-Learning, e-Education, and Online Training : 8th EAI International Conference, ELEOT 2022, Harbin, China, July 9-10, 2022, Proceedings, Part II / / Weina Fu and Guanglu Sun (editors)
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2022] ©2022
ISBN	3-031-21164-2
Edizione	[First edition.]
Descrizione fisica	1 online resource (732 pages)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering Series ; ; Volume 454
Disciplina	371.33
Soggetti	Educational technology Internet in higher education
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Automatic Educational Resource Processing -- An Auxiliary Recommendation Method for Online Teaching Resources of Ideological and Political Courses in Colleges Based on Content Association -- Design of Multiple Interactive Sharing System for Electric Power Subject Course Resources -- In Depth Mining Method of Online Higher Education Resources Based on K-Means Clustering -- Online Education Resource Recommendation System of International Finance Course Based on Preference Data Collection -- Intelligent Sharing Platform of Agricultural Online Education Resources Based on Blockchain Technology -- Economic Management Course Recommendation Algorithm in Smart Education Cloud Platform -- Research on The In-Depth Recommendation Method of Grammar Topics for English Online Teaching -- Design of College Art Education Curriculum Resource Allocation System Based on Virtual Grid -- Control Method of Input Information Amount of Intelligent Education Resource Database Based on Data Mining -- Design of Multimedia Courseware Synchronous Display System for Distance Teaching -- Design of Music Teaching Resource Sharing System Based on Mobile Terminal -- Remote Sharing System of Chinese Educational Resources Based on Information Fusion -- Intelligent Education Information Resource Integration and Sharing

System Based on Cloud Computing -- Collaborative Filtering  
Recommendation Method for Online Teaching Resources of Elderly Care Specialty -- Personalized Recommendation System of Ideological and Political Online Teaching Resources Based on Artificial Intelligence -- Balanced Allocation of Ideological and Political Network Teaching Resources in Universities Based on Big Data Clustering -- Research on The Balanced Allocation Model of Online Education Resources of Economics and Management in Colleges and Universities Based on Parallel Clustering -- Research on Data Classification of Online English Teaching Platform Based on Deep Neural Network -- Data Optimization Query Method of Online Education System Based on Decision Tree -- Research on Online Mathematics Teaching Resource Integration Model Based on Deep Neural Network -- Resource Matching Method of Online Education Platform Based on Artificial Intelligence -- Remote Sharing of National Music Teaching Resources Based on Big Data Analysis -- Mining Algorithm of Massive Online Financial Education Resources Based on Apriori TIDS -- Design of Educational Resource Sharing System for Financial Management Specialty Based on Data Mining -- Personalized Recommendation System of College Students' Employment Education Resources Based on Cloud Platform -- Optimization and Recommendation Method of Distance Education Resources Based on Particle Swarm Optimization Algorithm -- Prediction of Online Learning Resource Demand Based on BP Neural Network -- Educational Information Evaluation -- Research on The Evaluation Method of Ideological and Political Effect of Online Courses in Internet of Things -- Research on Evaluation Method of College Students' Innovation and Entrepreneurship Training Mode Based on Deep Neural Network -- Evaluation Method of Oral English Digital Teaching Quality Based on Decision Tree Algorithm -- Research on Quality Evaluation of Accounting Online Education Based on Artificial Intelligence Technology -- Analysis on the Training Mode of Graduation in Artificial Intelligence for Electronic Information Professional degree -- The problems and analysis of artificial intelligence specialty construction in universities under the present situation of artificial intelligence development -- Firmware Security Verification Method of Distance Learning Terminal Based on MD5 Algorithm -- Early Warning System of Computerized Accounting Teaching Data Quality Based on Artificial Intelligence -- Performance Evaluation Model of Substation Battery Pack Based on New Series Parallel Topology -- An Online Vocal Music Teaching Timbre Evaluation Method Based on Feature Comparison -- Construction of Teaching Quality Evaluation Model of Hotel Management Specialty Based on Association Rules -- Performance Appraisal System of Teachers in Higher Vocational Colleges Based on Fuzzy Comprehensive Evaluation Model -- Real-Time Collection Method of Learning Status Data in Distance Teaching Based on Internet of Things -- Research on English Translator Speech Recognition System Based on Deep Learning -- Evaluation Method of English Online and Offline Mixed Teaching Quality Based on Three-Dimensional Teaching -- Sports Online Intelligent Education Effect Evaluation System Based on Deep Learning Algorithm -- Evaluation Method of Teaching Effect of Intelligent Education Model for Electromechanical Equipment Technology Specialty -- Research on Effect Evaluation Method of Ideological and Political Classroom Teaching Reform in Colleges and Universities Based on Particle Swarm Optimization Algorithm -- Evaluation Method of Classroom Teaching Quality of Marxist Theory Course Based on Deep Learning -- Research on Teaching Effect Evaluation of Innovation and Entrepreneurship Based on Collaborative Filtering Algorithm -- Design of Teaching Quality

Evaluation System for Law Major Education Based on Fuzzy AHP --  
Assessment and Evaluation System of Preschool Education Curriculum  
Based on Big Data -- Application of Artificial Intelligence in Pre-School  
Education Professional Talent Training in The Era of Big Data -- Effect  
Evaluation of Online Basic Japanese Lessons Based on Data Mining  
Algorithm -- Research on Online and Offline Mixed Teaching Quality  
Evaluation of Higher Mathematics Based on Hierarchical Analysis  
Method -- Intelligent Evaluation Method of Mu Class Learning Efficiency  
Based on Kirkpatrick's Model.

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#### 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. .

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