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Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 466
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Soggetti	Artificial intelligence - Educational applications Education - Data processing
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Livello bibliografico	Monografia
Nota di contenuto	Research on educational informatization from the perspective of Pedagogy -- Somatosensory dance interaction system based on AdaBoost algorithm -- Value reconstruction and Path Innovation of blockchain technology for the development of Higher Education -- Research on the design of automatic accompaniment system of piano teaching audio database under the background of the Internet -- Research on the evaluation of College English classroom teaching quality based on triangular fuzzy number -- Study on the interactive education system of motion evaluation algorithm -- Research on the evaluation of constructive English teaching model based on RBF algorithm -- Algorithm and implementation of College English teaching comprehensive ability evaluation system -- Design of English teaching resource management system based on Collaborative Recommendation -- Analysis of College English Teaching under the network teaching platform -- Design and realization of the innovation and entrepreneurship experience system of data dynamic innovation model -- Application of random simulation algorithm in physical education teaching evaluation -- Application of improved association rule algorithm in Ecommerce English -- Application of Risk Assessment

Model of Accounting Resource Sharing Management in Education and Teaching -- Innovation analysis of English education in Higher Vocational Colleges Based on multi-objective genetic algorithm -- Design of Taijiquan multimedia distance teaching system based on ASP technology -- Innovation of film and television screenwriter education in the era of mobile Internet -- Innovative analysis of sports competition training integrating interactive digital media -- Design Teaching and Implementation of Data Mining algorithm in Business Management System -- Input and understanding of chemical symbols in multimedia education software -- Investigation and Analysis on learning attitude of Public Pedagogy under the background of big data -- Multi-color garment cutting and decoupling optimization teaching method based on data mining algorithm -- Development of computer intelligent proofreading system from the perspective of medical English translation application -- On the application and significance of simulation technology in film creation -- On the design of student employment module in higher education management system based on genetic algorithm -- Discussion and practice of online and offline mixed teaching of track and field course based on OBE concept -- Research and application of software Testing Method Improvement based on Big data Information -- Establishment and application of quality evaluation system of College Students' Psychological Education Based on genetic algorithm -- Research on coordination between power information security system and environment based on fusion mechanism -- Research on economic management experiment teaching management system based on computer -- Research on the design of psychological quality education of Violin Course in Colleges and Universities under virtual technology -- Study on corrosion wear and protection of coal preparation equipment based on PLC centralized control system -- Summary of research on learning analysis based on educational big data -- Research on the influencing factors of the endangered inheritance of folk intangible cultural heritage and the educational protection based on big data technology -- Teaching practice and research of recognition system in art teaching based on visual communication -- Research on the integration design of algorithm teaching and mathematics curriculum under Information Technology -- The application design of modern educational information technology in kindergarten teaching -- Research on the management system of an internet big data analysis platform based on machine learning -- Construction of maker education resource sharing platform based on Web Technology -- The application of documentary new media communication platform in education and teaching -- Research on the "online and offline" operation education and teaching mode of cross-border e-commerce business based on the Internet -- Construction of large-scale Chinese-English bilingual corpus and sentence alignment -- The Application of Graphic Composition Design in Computer Vision Art Teaching -- Research on the quality evaluation of College Students' innovation and entrepreneurship education based on ant colony algorithm -- The application of hierarchical teaching mode based on hybrid criterion fuzzy algorithm in Higher Vocational English Education -- Research on the system design of primary school science multimedia teaching -- Research on the teaching application of the improved genetic algorithm in e-commerce -- Construction of a mathematical model based on the big data information platform -- Construction and development of chemistry teaching platform in Higher Vocational Colleges under the background of artificial intelligence -- Construction and application of computer network experimental teaching platform based on big data -- Computer ability

education and training of tourism talents in the era of "Internet + tourism big data" -- Comparison between American restorative justice and Chinese people's mediation system in the era of big data intelligence -- Evaluation method of English teaching quality based on SOFM neural network -- Communication path and influence analysis of drama, film and television performance of data technology -- Evaluation model of College English teaching effect based on big data platform -- Based on C4 Design and implementation of college health sports system based on 5 algorithm -- Evaluation model of College Students' psychological education quality based on data technology -- Classification method of educational discourse power imbalance data set based on mixed big data analysis -- Evaluation of business English practical teaching based on decision tree -- Application of VR technology in practical courses of Preschool Education Specialty -- Evaluation of English teaching quality in Higher Vocational Colleges Based on artificial intelligence optimization network -- Application of virtual reality technology in environmental art design -- Exploration and practice of experimental teaching mode of online and offline virtual reality combined with hybrid computer network course -- Application of Web Data Mining Algorithms in Information Management Education -- Application progress of particle swarm optimization in modern literature -- Exploration of personalized foreign language teaching model based on the integration of multimedia means and traditional methods -- Fast conversion of material parameters of asphalt mixture by Laplace transform -- Higher education evaluation system based on computer network.

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#### Sommario/riassunto

The three-volume set LNICST 465, 466 and 467 constitutes the proceedings of the Second EAI International Conference on Application of Big Data, Blockchain, and Internet of Things for Education Informatization, BigIoT-EDU 2022, held as virtual event, in July 29–31, 2022. The 204 papers presented in the proceedings were carefully reviewed and selected from 550 submissions. BigIoT-EDU aims to provide international cooperation and exchange platform for big data and information education experts, scholars and enterprise developers to share research results, discuss existing problems and challenges, and explore cutting-edge science and technology. The conference focuses on research fields such as "Big Data" and "Information Education. The use of Artificial Intelligence (AI), Blockchain and network security lies at the heart of this conference as we focused on these emerging technologies to excel the progress of Big Data and information education. .

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