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Nota di contenuto	-- Application of Decision Tree Algorithm in Intelligent Management System of Universities. -- Analysis of college physical education teaching and evaluation based on decision tree algorithm. -- Teaching Strategy of Foreign Literary Works Based on Decision Tree Algorithm. -- Application of Decision Tree Algorithm in the Analysis and Evaluation of Quality Education Credits. -- Design and Realization of layered Teaching Intelligent Management Platform in Vocational Education Group. -- Optimal allocation of higher education resources based on fuzzy particle swarm optimization algorithm. -- The improvement index of College Students' innovation and entrepreneurship ability based on crawler algorithm. -- Application of random simulation algorithm in physical education and training. -- Data mining of garment pattern based on decision tree algorithm. -- Design and Implementation of University Management Information

System Based on Decision Tree Algorithm. -- Research on Employment analysis of college graduates based on Decision tree algorithm. -- Research on the application of decision tree algorithm in the teaching system. -- Design of Task Scheduling Algorithm for Educational Administration System Based on Decision Tree Algorithm. -- Application of Decision Tree and Association Analysis in College Teaching Management. -- Research on Teaching Evaluation System based on Decision tree algorithm. -- Design and implementation of University sunshine sports system based on C4.5 algorithm. -- Development and analysis of the quality management information system of university teaching. -- Research on quality evaluation of College Students' innovation and entrepreneurship education based on ant colony algorithm. -- Modeling and Analysis of the Influence of College Students' Cultural Confidence Based on KPCA Algorithm. -- Research on the Application of Big Data in Smart Teaching. -- Research on Teaching Strategies of business English major in Higher Vocational Colleges Based on big data analysis. -- The Evaluation of English Teaching Mode in the Context of Big Data. -- The use of big data platform plays in building a new model of English teaching in universities. -- Motivational Design Framework of Online French Interpretation Teaching Model Based on Intelligent Big Data. -- The Construction of the Evaluation System of Physical Education in Colleges and Universities Based on Big Data Analysis. -- The Application of Big Data Analysis Methods in Classical Catalog Studies. -- Research on big data of vocational education based on simhash algorithm. -- The development trend of intelligent law in Colleges and Universities Based on intelligent data collection and analysis. -- Research on practical teaching design of applied college mental health course in virtual simulation scene. -- Teaching Reform of Modern Optimization Algorithm Course Based on MOOC. -- Construction and application of medical laboratory virtual simulation training teaching platform under the background of big data. -- Design of sports competition assistant evaluation system based on big data and action recognition algorithm. -- Innovative Research on Piano Education and Teaching under the Background of Big Data. -- Dynamic Early Warning System of Ideology Education Based on Psychological Big Data Analysis. -- Research on the design of college student education management system in the era of big data. -- The Design of Student Comprehensive Education Evaluation System in the Background of Big Data. -- Research on Teaching Design of Smart Classroom for Tourism Management in Colleges and Universities in 5G Era. -- Evaluation model and algorithm of Physical Education Teaching. -- Research on the development trend of intelligent law in Colleges and Universities Based on intelligent data collection and analysis. -- Research on the design of Ideological and political module in the Internet-based higher mathematics learning platform. -- Design of University Public Curriculum Education System Platform Based on AHP algorithm. -- The Specific construction path of Vocational Education Group Based on Big Data.

Sommario/riassunto

The five-volume set LNICST 580-584 constitutes the proceedings of the Third EAI International Conference on Application of Big Data, Blockchain, and Internet of Things for Education Informatization, BigIoT-EDU 2023, held in Liuzhou, China, during August 29–31, 2023. The 272 full papers presented in these proceedings were carefully reviewed and selected from 718 submissions. With a primary focus on research fields such as Digitization of education, Smart classrooms and Massive Online Open Courses (MOOCs), these papers are organized in the following topical sections across the five volumes: Part I: Application of data mining in smart education; Application of intelligent

algorithms in English teaching. Part II: Application of decision tree algorithm in intelligent management system of universities; Research on the application of Big data in smart teaching. Part III: Exploration of the application of computer-aided technology in intelligent translation; Application of neural network algorithms in intelligent teaching; Application of artificial intelligence algorithms in the field of smart education. Part IV: Research on smart teaching in deep learning; Research and application of recommendation algorithms in personalized intelligent education; Application of cloud computing in intelligent teaching resource library; Application research of computer-aided online intelligent teaching. Part V: Application and practice of new media in smart teaching; Application of clustering algorithm in intelligent education resource library; Application of association rule algorithm in intelligent education system.
