1. Record Nr. UNISA996546836203316 Advanced hybrid information processing: 6th EAI international **Titolo** conference, ADHIP 2022, Changsha, China, September 29-30, 2022, proceedings, Part I / / Weina Fu and Lin Yun, editors Cham, Switzerland: ,: Springer Nature Switzerland AG, , [2023] Pubbl/distr/stampa ©2023 **ISBN** 3-031-28787-8 Edizione [1st ed. 2023.] Descrizione fisica 1 online resource (806 pages) Collana Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X;; 468 Disciplina 006.3 Soggetti Electronic data processing Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Practical Model of College Students' Innovation and Entrepreneurship Education Based on Social Cognitive Career Theory -- 3D Visualization

Method of Folk Museum Collection Information Based on Virtual Reality -- Design of Pond Water Quality Monitoring System Based on Mobile UAV Technology -- Passive Positioning Method of Marine Mobile Buov Based on Vibration Signal Extraction -- Optimization of Data Query Method Based on Fuzzy Theory -- Study Demand Mining Method of College Students' Physical Health Preservation Based on Cognitive Model -- High Precision Extraction of UAV Tracking Image Information Based on Big Data Technology -- Monitoring Method of Ideological and Political Class Learning Status Based on Mobile Learning Behavior Data -- Real Time Monitoring Method of Exercise Load in Dance Training Course Based on Intelligent Device -- An Efficient Compression Coding Method for Multimedia Video Data Based on CNN -- Intelligent Push Method of News and Information for Network Users Based on Big Data -- Sports Simulation Training System Based on Virtual Reality Technology -- A Design Scheme of Data Security for Unmanned Aerial Vehicles -- Distance Teaching Method of Welding Process Course for Mobile Learning Platform -- Automatic Recognition Method of Table Tennis Motion Trajectory Based on Deep Learning in Table Tennis Training -- Construction of Social Network Big Data Storage Model

Under Cloud Computing -- Anomaly Monitoring System of Enterprise Financial and Economic Information Based on Entropy Clustering --Classification and Retrieval Method of Library Book Information Based on Data Mining -- Construction of Cognitive Model of Traditional Sports Health Preservation from The Perspective of Body-Medicine Integration -- Design of Remote Video Surveillance System Based on Cloud Computing -- Physical Movement Monitoring Method of College Physical Education Students Based on Genetic Algorithm -- Research on Large Data Mining for Online Education of Mobile Terminal Based on Block Chain Technology -- Separation Algorithm of Fixed Wing UAV Positioning Signal Based on AI -- Research on Hybrid Maintenance Cost Prediction of Smart Grid Based on Multi-Dimensional Information --Infrared Image Face Recognition Method Based on Signal Interference Technology -- Remote Tutoring System of Ideological and Political Course Based on Mobile Client -- Operational Risk Prevention and Control Monitoring of Smart Financial System Based on Deep Learning -- Remote Monitoring Method of Athlete Training Intensity Based on Mobile Internet of Things -- Research on Equipment Management System of Smart Hospital Based on Data Visualization -- Design of Information Consultation System for The Whole Process of Construction Engineering Based on BIM Technology -- The Mobile Teaching Method of Law Course Based on Wireless Communication Technology -- Design of Financial and Economic Monitoring System Based on Big Data Clustering -- Recommendation Method of College English Online Mobile Teaching Resources Based on Big Data Mining Algorithm --Design of Electronic Communication Power Monitoring System Based on GPRS Technology -- Online Interactive Platform for College English Intensive Reading Teaching Based on Cloud Service.-Intelligent Platform for College English Blended Teaching Based on Mobile Learning -- Cloud Service-Based Online Self-Learning Platform for College English Multimedia Courses -- Research on Export Trade Information Sharing Method Based on Social Network Data --Intelligent Evaluation Algorithm of Undergraduate College English Mobile Learning Efficiency Based on Big Data -- Design of Online Learning Efficiency Evaluation Algorithm for College English Based on Data Mining -- Design of Network Traffic Anomaly Monitoring System Based on Data Mining -- Research on Operational Risk Monitoring Method of Intelligent Financial System Based on Deep Learning and Improved RPA -- Mobile Terminal-Oriented Real-Time Monitoring Method for Athletes' Special Training Load -- Design of Energy Consumption Monitoring System for Group Building Construction Based on Mobile Node -- Construction of Mobile Education Platform for Entrepreneurial Courses of Economic Management Specialty Based on Cloud Computing -- Social Network Real Estate Advertisement Push Method Based on Big Data Analysis -- Prediction Method of Crack Depth of Concrete Building Components Based on Ultrasonic Signal --Virtual Reconstruction of Museum Spatial Information Based on Unity3D -- Research on Encrypted Transmission Method of Survey Data of Offshore Engineering Buoy -- Tracking Method of Ocean Drifting Buoy Based on Spectrum Analysis -- Compensation Method of Infrared Body Temperature Measurement Accuracy Under Mobile Monitoring Technology -- Risk Identification Model of Enterprise Strategic Financing Based on Online Learning -- Research on Autonomous Learning Management Software Based on Mobile Terminal -- Research on Online Monitoring of Power Supply Reliability of Distribution Network Based on Mobile Communication Technology -- Multi Node Water Quality Monitoring System of Fish Pond Based on Unmanned Ship Technology -- Evaluation Model of Teaching Quality of College English

Integrated Into Ideological and Political Course Under Social Network --Application of Cloud Security Terminal in Information Management of Power Industry -- Composite Fault Signal Detection Method of Electromechanical Equipment Based on Empirical Mode Decomposition.

Sommario/riassunto

This two-volume set constitutes the post-conference proceedings of the 6th EAI International Conference on Advanced Hybrid Information Processing, ADHIP 2022, held in Changsha, China, in September 29-30, 2022. The 109 full papers presented were selected from 276 submissions and focus on theory and application of hybrid information processing technology for smarter and more effective research and application. The theme of ADHIP 2022 was Hybrid Information Processing in Meta World. The papers are named in topical sections as follows: Information Extracting and Processing in Digital World; Education Based methods in Learning and Teaching; Various Systems for Digital World.