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Collana	Lecture Notes on Data Engineering and Communications Technologies, , 2367-4520 ; ; 136
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Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Development Strategy of Industrial and Commercial Information Management under Mobile Internet Technology -- Design of Intelligent Response System for Business English (Training) Based on Improved GLR Algorithm -- A Power Grid Digital Twin Application Based on Tower Networking Technology -- The Influence of Internet + and AI on Social Work -- Data Visualization Technology in Power Grid Planning and Government Affairs Based on Association Rules Algorithm -- Artificial Intelligence Signal Processing Technology in Civil Aviation Electronic Information Engineering -- Tracking Algorithm of Leisure Mountaineering Based on Hadoop -- Application of Mean Clustering Algorithm in the Dynamic Simulation Design of Outdoor Leisure Facilities -- Illustration Art Design System Based on VR Virtual Reality Technology -- Big Data Technology and Risk Assessment of Small and Micro Enterprise Loans -- Distributed Hybrid Recommendation Algorithm in News Dissemination Innovation System -- Social Network Comment Public Opinion Monitoring and Consumer Behavior Prediction

Algorithm Based on Big Data -- The Impact of Digital Transformation of Power Grid Enterprises on Business Value Model -- Prediction of Physical Properties of Water Molecular Force Field Based on Recurrent Neural Network -- Collaborative Decision Model and Information System of Logistics Value Chain Based on Deep Learning -- Data Analysis of Human Resource Performance Appraisal Based on Intelligent Attendance Web Platform -- Archives Cultural and Creative Cloud Service System Based on VR Virtual Reality Technology -- Implementation of a Comprehensive Service Platform for Cross-border E-commerce Based on Java.

Sommario/riassunto

This book provides comprehensive coverage of the latest advances and trends in information technology, science, and engineering. Specifically, it addresses a number of broad themes, including multimodal informatics, data mining, agent-based and multi-agent systems for health and education informatics, which inspire the development of intelligent information technologies. The contributions cover a wide range of topics such as AI applications and innovations in health and education informatics; data and knowledge management; multimodal application management; and web/social media mining for multimodal informatics. Outlining promising future research directions, the book is a valuable resource for students, researchers, and professionals and a useful reference guide for newcomers to the field. This book is a compilation of the papers presented in the 4th International Conference on Multi-modal Information Analytics, held online, on April 23, 2022.
