1. Record Nr. UNINA9910903795703321

Autore	Xu Chengzhong
Titolo	Data Science : 10th International Conference of Pioneering Computer Scientists, Engineers and Educators, ICPCSEE 2024, Macao, China, September 27–30, 2024, Proceedings, Part II / / edited by Chengzhong Xu, Haiwei Pan, Chen Yu, Jianping Wang, Qilong Han, Xianhua Song, Zeguang Lu
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2024
ISBN	981-9787-46-7
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (359 pages)
Collana	Communications in Computer and Information Science, , 1865-0937 ; ; 2214
Altri autori (Persone)	PanHaiwei YuChen WangJianping HanQilong SongXianhua LuZeguang
Disciplina	006.312
Soggetti	Data mining Application software Machine learning Education - Data processing Data Mining and Knowledge Discovery Computer and Information Systems Applications Machine Learning Computers and Education Mineria de dades Aprenentatge automàtic Tecnologia de la informació Sistemes experts (Informàtica) Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di contenuto

-- Education research, methods and materials for data science and engine. -- An empirical study of the factors influencing the improvement of education quality within higher education institutions· -- Study on the Intercultural Competence of Students in Hainan Vocational College. -- Study on the Communicative Competence of Students of Tourism-related Majors in Hainan Vocational Colleges. -- Research on the Learning Adaptability and Learning Effectiveness of College Students under the Background of Digital Education. -- Research on the Adaptability of Vocational College Majors and Industry Empirical Study Based on 14 Vocational Colleges in Hainan,China. -- Practice of the Campus Data Middle Platform Based on Lakehouse Integrated Architecture. -- Data Security and Privacy. -- Reversible Data Hiding for 3D Mesh Model Based on Block Modulus Encryption and Multi-MSB Prediction. -- QR code digital watermarking algorithm based on GWO. -- Fast CKKS Algorithm in the SEAL Library. -- A Transformer-based Video Colorization Method Fusing Local Self-Attention and Bidirectional Optical Flow. -- An NTRU Lattice-Based Chameleon Hash Scheme for Redactable Blockchain Applications. -- Traceable Decentralized Policy-Based Chameleon Hash Scheme for Blockchain Rewriting· -- SECURE IDENTITY AUTHENTICATION PROTOCOL BASED ON BLOCKCHAIN IN SMART HOME. -- False Data Injection Attack Detection Method Based on Long Time Series Prediction. -- A Hybrid Iris Recognition System Model based on Presentation Attack Detection and Traffic Monitoring Module on AIoT System. -- Big Data Mining and Knowledge Management. -- Leveraging Spatial Characteristics in Trajectory Compression: An Angle-based Bounded-error Method. -- HENF: Hierarchical Entity Neighbor Multi-Relational Fusion Network for Knowledge Graph Completion. -- TCB Intrusion Detection Method Based on Data Enhancement. -- Multi-source Heterogeneous Data Joint Diagnosis Method for Transformers Based on D-S Evidence Theory. -- Progressive Federated Learning Scheme Based on Model Pruning. -- Privacy Protection Data Aggregation Scheme Against Quantum Attacks. -- LOCATION DATA QUADTREE PARTITIONINGALGORITHM BASED ON DIFFERENTIAL PRIVACY. -- RLART: An Adaptive Radix Tree Based on Deep Reinforcement Learning.

Sommario/riassunto

This three-volume set CCIS 2213-2215 constitutes the refereed proceedings of the 10th International Conference of Pioneering Computer Scientists, Engineers and Educators, ICPCSEE 2024, held in Macau, China, during September 27–30, 2024. The 74 full papers and 3 short papers presented in these three volumes were carefully reviewed and selected from 249 submissions. The papers are organized in the following topical sections: Part I: Novel methods or tools used in big data and its applications; applications of data science. Part II: Education research, methods and materials for data science and engine; data security and privacy; big data mining and knowledge management. Part III: Infrastructure for data science; social media and recommendation system; multimedia data management and analysis.