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Soggetti	Computer communication systems Computer system failures Artificial intelligence Application software Data mining Computer security Computer Communication Networks System Performance and Evaluation Artificial Intelligence Information Systems Applications (incl. Internet) Data Mining and Knowledge Discovery Systems and Data Security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Design and Development of Central China Power Grid Intelligent Ticket Forming System -- Research on the Classification and Channel Selection of Emotional EEG -- Research on Real-time Low Air Image Intelligence Image Acquisition and Processing Methods -- Brain Computer Interface Application for People with Movement Disabilities -- Research on Configuration Arrangement of Spatial Interface in Mobile Phone Augmented Reality Environment -- Char-level Neural Network for Network Anomaly Behavior Detection -- A Flexible Doubly Clamped Beam Energy Harvester with A Standard Rectifier Electric

Circuit -- Optimization of Node Deployment in Wireless Sensor Networks Based on Learning Automata -- Research on Embedded and Monitoring Test Technology of C4ISR System -- Embedded Data Processing Platform Resource Scheduling Research -- Wi-Fi Attention Network for Indoor Fingerprint Positioning -- Reinforcement Learning Based Cooperation Transmission Policy for HetNets with CoMP Technology -- Capacity Estimation of Time-Triggered Ethernet Network Based on Complex Network Theory -- A New Communication P System Model Based on Hypergraph -- Non-Orthogonal Multiple Access (NOMA) in Providing Services for High-Speed Railway and Local Users in Downlink MIMO System -- Research on Multi-Agent Distributed Supply Chain Information Collaboration Based on Cloud Environment -- Mobile Internet Mobile Agent System Dynamic Trust Model for Cloud Computing -- Single Image Super-Resolution by Parallel CNN with Skip Connections and ResNet -- Incorporating Description Embeddings into Medical Knowledge Graphs Representation Learning -- A Piezoelectric MEMS Harvester Suitable Adopt A New Two-Degree-of-Freedom Structure -- Spiking Neural P Systems with Time Delay -- Energy Efficiency MapReduce Job Scheduling of Shuffle and Reduce Phases in Data Center -- Research on Weibo Emotion Classification Based on Context -- Research on Data Visualization In Different Scenarios -- Model checking for Turn-Based Probability Epistemic Game Structure -- Depressive Emotion Recognition Based on Behavioral Data -- Knowledge Graph Embedding by Translation Model on Subgraph -- Linguistic Signatures of Impulsive Buying Consumer Based on Microblog -- Research on the Model of Anomaly Detection of FMCG Based on Time Series -- Research on Font Emotion Based on Semantic Difference Method -- What is Semantically Important to "Donald Trump" -- Research on the Influence Factors of Consumer Repurchase in Dutch Auction -- A SN P System for Travelling Salesman Problem -- Healthy and Diseased Tomatoes Detection Based on YOLOv2 -- Research on Teaching Methods Based on Students' Autonomous Knowledge Aggregation -- Research and Implementation of Interactive Analysis and Mining Technology for Big Data -- Research on Simulation Scenario Editing Method Based on Instruction Rules -- Research on Social Media User Suicide Influencing Factors, Active Recognition and Intervention -- Collaborative Filtering Recommendation Algorithm Based on AdaBoost-Naive Bayesian Algorithm -- Anomaly Detection in the Web Logs Using Unsupervised Algorithm -- Fuzzy C-Means Clustering Problem Based on Improved DNA Genetic Algorithm and Point Density Weighting -- A Hybrid Collaborative Filtering Recommendation Algorithm Using Double Neighbor Selection -- Energy-Efficient Independent Task Scheduling in Cloud Computing -- An Improved IFP-Growth Algorithm Based on Tissue-Like P Systems with Promoters and Inhibitors -- Veca: A High-Performance Consensus Algorithm for State Machine Replication -- A K-means Clustering Algorithm: Using the Chi-Square as a Distance -- Simulation Research on Aircraft Anti-Collision Algorithm -- Cubic Spline Smoothing Algorithm for General Aviation Track -- Probability Matrix Factorization Algorithm for Course Recommendation System Fusing the Influence of Nearest Neighbor Users Based on Cloud Model -- Cold Chain Logistics Service Quality on the Willingness of Online Shopping Fresh Products Based on Logistic Regression Model -- Depression Identification From Gait Spectrum Features Based on Hilbert-Huang Transform -- A Study on Depression Detection Using Eye Tracking -- Research on the Interaction Design of AR Picture Books Via Usability Test -- System Design of Driving Behavior Recognition Based on Semi-Supervised Learning -- Video Anomaly Detection Based

on Hierarchical Clustering -- Research on the Design Method of the Command Simulation Training System -- Study on Double Piezoelectric Layers Driven Pump Based on MEMS and 3D Printing -- The Design and Practice of Data-Driven Teaching Evaluation Model in Colleges and Universities -- Research and Application of RFID System Security Authentication Protocol Based on ECC Algorithm -- A Systematic Framework for Malicious Traffic Detection Based on Feature Repository -- Indoor Location and Tracking System Using Computer Vision -- A Hybrid Recommendation Model Based on Time Dimension for Academic Teams -- An Improved Method and Implementation of Indoor Position Fingerprint Matching Localization Based on WLAN -- Research on Bionic Robot Micro Adsorption Mechanism SMA Driven System -- The Transient Dynamics Analysis of Electric Flip Plate Roadblock Machine -- Structural Design of Precise Flow Valve Driven by Giant Magnetostrictive Material.

Sommario/riassunto

This book constitutes thoroughly reviewed, revised and selected papers from the 4th International Conference on Human Centered Computing, HCC 2018, held in Merida, Mexico, in December 2018. The 50 full and 18 short papers presented in this volume were carefully reviewed and selected from a total of 146 submissions. They focus on a "hyper-connected world", dealing with new developments in artificial intelligence, deep learning, brain-computing, etc.
