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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 8944
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Soggetti	Computer communication systems Special purpose computers Algorithms Information storage and retrieval Application software Computer Communication Networks Special Purpose and Application-Based Systems Algorithm Analysis and Problem Complexity Information Storage and Retrieval Information Systems Applications (incl. Internet)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	ICT for Sustainable Development of the Tourism Industry in Cambodia -- An Automatic Segmentation Method of Popular Music Based on SVM and Self-similarity -- Application of 4D-VR Technology in the Management of Large-Scaled Scientific Project -- Personality Prediction for Microblog Users with Active Learning Method -- A Novel Performance Prediction Framework for Web Service Workflow Applications -- Analysis of Reclaiming Process of Bucket Wheel Stacker-Reclaimer Based on DEM Simulation -- Quantum-Inspired Shuffled Frog Leaping Algorithm for Spectrum Sensing in Cooperative Cognitive Radio Network -- SVM-HMM Based Human Behavior

Recognition -- A Study on Attention Allocation of Psychological Distress Students Based on Eye Movement Data Analysis -- A Dictionary Learning Method Based on Self-adaptive Locality-Sensitive Sparse Representation -- Intelligent Data Acquisition and Processing of Remote Monitoring System Based on Internet of Things -- A New Semantic Model for Domain-Ontology Learning -- A scalable network proximity estimate algorithm for the service provider selection Method -- Multi Agent System-Based Dynamic Trust Calculation Model and Credit Management Mechanism of Online Trading -- QoE-Oriented Resource Allocation for Femtocell Networks -- Cooperative Localization and Location Verification in WSN -- An Adaptive Trust Prediction Framework for Diverse Data Model -- Research on ARP Spoof Detection Strategies in Unreliable LAN -- Research on Performance Comparison of Data Center Between PM and VM -- Data Encryption for Remote Monitoring System Based on Internet of Things in Mobile Mode -- An Assistant Decision-Supporting Method for Urban Transportation Planning over Big Traffic Data -- An Improved Cooperative PSO Algorithm for Job-Shop Scheduling Problem -- Task Scheduling for MapReduce Based on Heterogeneous Networks -- Adaptive Modeling and Research of Indoor and Outdoor Wireless Signal -- Regularized Matrix Factorization with Cognition Degree for Collaborative Filtering -- Utility-Oriented Resource Allocation Scheme in LTE-WLAN Heterogeneous Networks -- 3-Dimension Evaluation Method for Stock Investment Based on 2-Tuple Linguistic -- CluSoAF: A Cluster-Based Semantic Oriented Analyzing Framework for User Behaviors in Mobile Learning Environment -- Hierarchical Geographical Tags Based Routing Scheme in Delay/Disruption Tolerant Mobile Ad Hoc Networks -- StrongUpdate: An Immediate Dynamic Software Update System for Multi-threaded Applications -- A Cloud Storage System for Massive Blog Information -- Research on Micro-blog Sentiment Polarity Classification Based on SVM -- The Research of 3D Projection Fusion Technology Based on Image Deformation -- A Framework for Browser-Based Multiplayer Online Interaction by Kinect and HTML5 – with “Flying Kite” as A Case Example -- Capacity Planning for Telecom Operation Support System Cloud Migration -- Campus Building Energy Usage Analysis and Prediction: A SVR Approach based on Multi-scale RBF Kernels -- A Design Method of the General Aviation Flight Plan Management Scheme Based on Quantitative Verification -- A Hybrid Particle Swarm Optimization Method for Permutation Flow Shop Scheduling Problem -- User Satisfaction Evaluation Model Based on Blink Interval -- A K-medoids Clustering Algorithm with Initial Centers Optimized by a P System -- Undo/Redo Operations in Bitmap-Based Collaborative Graphic Editing Systems -- The Application of Local Adaptive Fuzzy Petri Net in Result Prediction of Multiple-Factor Issues -- Hierarchical Cross-Organizational Workflow Scheduling Algorithm in Cloud Environments -- A Grid Based Simulation Environment for Parallel Exploring Agent-Based Models with Vast Parameter Space -- Using Linguistic Features to Estimate Suicide Probability of Chinese Microblog Users -- A Systemic Strategy for Context-Aware Decision-Support in the Healthcare Domain -- Automatic Detection Algorithm Based on LVQ Neural Network for Micro-calcification Clusters -- Cloud-Based Car Image Retrieval with Interactive Script -- Optimization of Order Picking Work Flow at the E-commerce Logistics Centers -- To Support Human-Human Interaction in Collaborative Feature-Based CAD Systems -- Research on Construction Method of BR-TIN Spatial Data Model Based on Object -- A New Classification Method Based on Semi-supervised Support Vector Machine -- Virtual Network Embedding Model Minimizing Energy Consumption -- Efficiency and Effectiveness

of Telecenters: A Case Study on ICT4D in Cambodia -- Research on the Application of Distributed Intrusion Detection System Based on Election Algorithm -- Research on the Computer Aided Platform of the Passenger Dedicated Line's Engineering Affairs -- A Fuzzy Attribute-Based Authentication Scheme on the Basis of Lagrange Polynomial Interpolation -- Topological Reconstruction Based on STL Model -- Visualization Analysis for Big Data in Computational CyberPsychology -- The Research on Knowledge Push Based on the Feature Extraction of Microblog -- Realization of Ellipsoid Fitting Calibration for Three-Axis Magnetic Sensor Based on STM32 Embedded System -- The Architecture and Energy Saving Technologies of Green Relay Enhanced Wireless Network -- Research on 3D Visualization of DEM Data and Line Optimization Based on Google Earth and ACIS -- Middleware Design of the Intelligent Management System -- Biodiesel Remote Monitoring System Design Based on IOT -- Dynamic Simulation Research on Hydraulic System of Backhoe Dredger Excavator -- A Novel Method for Protrite Site with WSN -- An Inclusion Rule for Vantage Point Tree Range Query Processing -- Game Theoretic Models for Personalized Recommendation System -- Model Calculation of Crosstalk on Autostereoscopic Display with Parallax Barrier -- The Study of Data Governance for Telecom Network Management -- Understanding Posting Patterns in Microblog User Activities -- Face Recognition Based on Deep Learning. -Ontology Combined Based On the Social Network Information -- The Research of News Transmission Model Based On Social Opportunistic Network -- Research on the Key Technology of M2M Gateway -- The Intelligent Long-Distance Bus Service System Based on RFID -- Path Optimization Problem of Power Lines Based on Google Earth and ACIS -- Flow Field Simulation Analysis and Optimization of the Magnetostrictive Precision Pump -- The Design and Optimal on GMM Precision Pump -- Three-Dimensional Terrain Modeling and Path Optimization to it Based on Google Earth and ACIS -- An Artificial Neural Network Classification Model Based on DNA Computing -- Parallel Implementation of Chi2 Algorithm in MapReduce Framework -- An Novel Message Delivery Mechanism in Opportunistic Networks.

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### Sommario/riassunto

This book constitutes revised selected papers from the refereed proceedings of the First Human Centered Computing Conference, HCC 2014, that consolidated and further develops the successful ICPCA/SWS conferences on Pervasive Computing and the Networked World. The 54 full papers and 30 short papers presented in this volume were carefully reviewed and selected from 152 submissions. These proceedings present research papers investigating into a variety of aspects towards human centric intelligent societies. They cover the categories: infrastructure and devices; service and solution; data and knowledge; and community.

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