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<b>Soggetti</b>	Computer networks Cryptography Data encryption (Computer science) Application software Computer science Algorithms Telecommunication Computer Communication Networks Cryptology Computer and Information Systems Applications Theory of Computation Communications Engineering, Networks
<b>Lingua di pubblicazione</b>	Inglese
<b>Formato</b>	Materiale a stampa
<b>Livello bibliografico</b>	Monografia
<b>Nota di bibliografia</b>	Includes bibliographical references and index.
<b>Nota di contenuto</b>	Cost Reduction for Data Allocation in Heterogenous Cloud Computing Using Dynamic Programming -- Minimizing Bank Conict Delay for Real- Time Embedded Multicore systems via Bank Mapping -- A Hybrid Algorithm Based on Particle Swarm Optimization and Ant Colony Optimization Algorithm -- Cloud Computing and Pumping Unit Evaluation -- Big Data and Mechanical Drawing Teaching Online -- Energy Saving Method for On-chip Data Bus Based on Bit Switching Activity Perception with Multi-Encoding -- A Novel PSO based Task Scheduling Algorithm for Multi-core Systems -- Artificial bee colony

algorithm with hierarchical groups for global numerical optimization -- An Buffering Optimization Algorithm for Cooperative Mobile Service -- Bignetwork: SDN Protocol Analysis with Process Algebra Method -- Bignetwork: Unsupervised pre-training Classifier Based on Restricted Boltzmann Machine with Imbalanced Data -- A secure homomorphic encryption algorithm over integers for data privacy protection in clouds -- Big Data Management the Mass Weather Logs. - Application Of A Parallel FSM Parsing Algorithm For Web Engines -- PTrack:A RFID-based Tracking Algorithm for Indoor Randomly Moving Targets -- Predicting the Change of Stock Market Index based on Social Media Analysis -- Human activity recognition based on smart phone's 3-axis acceleration sensor -- Bug analysis of Android applications based on JPF -- A Genetic-Ant-Colony Hybrid Algorithm for Task Scheduling in Cloud System -- A Hybrid Algorithm of Extreme Learning Machine and Sparse Auto-encoder -- Bank card and ID card number recognition in Android financial APP -- Mining association rules from a dynamic probabilistic numerical dataset using estimated-frequent uncertain-itemsets -- Optimized Strategy of MFCC for Multi-sensor Sign Language Recognition -- Security and Privacy Issues: A Survey on FinTech -- Multi-sensor system calibration approach based on forward-model and inverse-model -- A Virtual Communication Strategy for Smart Photovoltaic Generation Systems.-Hybrid One-Class Collaborative Filtering for Job Recommendation -- Learning Quality Evaluation of MOOC Based on Big Data Analysis -- QoS-driven Frequency Scaling for Energy Efficiency and Reliability of Static Web Servers in Software-defined Data Centers -- Making Cloud Storage Integrity Checking Protocols Economically Smarter -- E3: Efficient Error Estimation for Fingerprint-based Indoor Localization System -- Attribute-based and keywords vector searchable public key encryption -- PADS:A Reliable Pothole Detection System Using Machine Learning -- A Quantitative Approach for Memory Fragmentation in Mobile Systems -- A DDoS Detection and Mitigation System Framework based on Spark and SDN -- Based on Cloud-based GIS in the Wisdom Yellow River emergency system design and research -- Based on the MapX contour mapping algorithm -- The Function of GIS in the Smart City Construction -- A Novel PSO-DE Co-evolutionary Algorithm Based on Decomposition Framework -- Rhythm Authentication Using Multi-Touch Technology: A New Method of Biometric Authentication -- An Improved Ciphertext-Policy Attribute-Based Encryption Scheme -- An information-centric architecture for server clustering towards 3D data-intensive applications -- Efficient Computation for the longest common subsequence with substring inclusion and subsequence exclusion constraints -- An Optimal Algorithm for a Computer Game in Linear Time -- AUDITOR: A Stage-wise Soft-Error Detection Scheme for Flip-flop Based Pipelines -- Aggregating Heterogeneous Services in the Smart City: The Practice in China -- Improving Reliability of Cache with Hybrid Memory Hierarchy by STT-RAM -- SOA Reference Architecture: Standards and Analysis -- An Evolutionary Approach for Short-Term Traffic Flow Forecasting Service in Intelligent Transportation System -- The production Investigation of DOM Based on full digital photogrammetric system VirtuoZo -- A Congestion Avoidance Algorithm based on Fuzzy Controlling -- An Efficient Adaptive-ID Secure Revocable Hierarchical Identity-based Encryption Scheme -- Understanding Networking Capacity Management in Cloud Computing -- A PSO-Based Virtual Network Mapping Algorithm with Crossover Operator -- WiHumidity: A Novel CSI-Based Humidity Measurement System. – Bike-Sharing System: a Big-Data Perspective. - Process mining of event log from web information and administration system

for management of student's computer networks. - A Virtual Network Embedding Algorithm based on Hybrid Particle Swarm Optimization -- Research on Content Distribution of P2P VoD with Cloud Assisting.

**Sommario/riassunto**

This book constitutes the proceedings of the First International Conference on Smart Computing and Communication, SmartCom 2016, held in Shenzhen, China, in December 2016. The 59 papers presented in this volume were carefully reviewed and selected from 210 submissions. The conference focuses on both smart computing and communications fields and aims to collect recent academic work to improve the research and practical applications.