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Descrizione fisica	1 online resource (XII, 462 p. 268 illus., 170 illus. in color.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 11344
Disciplina	004 004.6782
Soggetti	Computer networks Computer networks - Security measures Artificial intelligence Computers - Law and legislation Information technology - Law and legislation Computer vision Computer Communication Networks Mobile and Network Security Artificial Intelligence Legal Aspects of Computing Computer Vision
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	A Two-Way Identity Authentication Scheme Based on Dynamic Password -- Adaptive Quality Control Scheme to Improve QoE of Video Streaming in Wireless Networks -- Traveler Review Analysis System with Big Data (TRAS) -- Vulnerability Assessment for PMU Communication Networks -- Proposal of parallel processing area extraction and data transfer number reduction for automatic GPU offloading of IoT applications -- Performance Evaluation of industrial

OPC UA Gateway with energy cost-saving -- Travel-Time Prediction  
 Methods: A Review -- The influence of sleep on opportunistic relay in  
 linear wireless sensor networks -- Reconfigurable Hardware Generation  
 for Tensor Flow Models of CNN Algorithms on a Heterogeneous  
 Acceleration Platform -- Image Segmentation Algorithm Based on  
 Spatial Pyramid and Visual Saliency -- Fast Implementation for SM4  
 Cipher Algorithm Based on Bit-Slice Technology -- Static Analysis of  
 Android Apps Interaction with Automotive CAN -- Opportunistic  
 Content Offloading for Mobile Edge Computing -- Image Annotation  
 Algorithm Based on Semantic Similarity and Multi-Features -- One  
 Secure IoT Scheme for Protection of True Nodes -- Predicted Mobile  
 Data Offloading for Mobile Edge Computing Systems -- A Monte Carlo  
 based Computation Offloading Algorithm for Feeding Robot IoT System  
 -- Collective Behavior Aware Collaborative Caching for Mobile Edge  
 Computing -- Implementation of distributed multi-agent scheduling  
 algorithm based on Pi-calculus -- SmartDetect: A Smart Malicious Web  
 Shell Code Detection Scheme via Ensemble Learning Algorithm -- An  
 optimized MBE Algorithm on Sparse Bipartite Graphs -- IoT Framework  
 for Interworking and Autonomous Interaction between Heterogeneous  
 IoT Platforms -- Improvement of TextRank Based on Co-occurrence  
 Word Pairs and Context Information -- Augmenting Embedding with  
 Domain Knowledge for Oral Disease Diagnosis Prediction -- Regional  
 Estimation Prior Network for Crowd Analyzing -- RBD: A Reference  
 Railway Big Data System Model -- Artificial IntelligencePlatform for  
 Heterogeneous Computing -- Review on Application of artificial  
 intelligence in photovoltaic output prediction -- Abnormal Flow  
 Detection Technology In GPU Network Based On Statistical  
 Classification Method -- Research on Data Forwarding Algorithm Based  
 on Link Quality in Vehicular Ad Hoc Networks -- The Knowledge Map  
 Analysis of User Profile Research Based on CiteSpace -- The Accuracy  
 of Fuzzy C-Means in Lower-Dimensional Space for Topic Detection --  
 Information-Centric Fog Computing for Disaster Relief -- Smartly  
 Deploying WeChat Mobile Application on Cloud Foundry PaaS --  
 Normal Profile Updating Method For Enhanced Packet Header Anomaly  
 Detection -- Research on Arm Motion Capture of Virtual Reality Based  
 on Kinematics -- Financial News Quantization and Stock Market  
 Forecast Research Based on CNN and LSTM -- Correlation Coefficient  
 based Cluster Data Preprocessing and LSTM Prediction Model for Time  
 Series Data in Large Aircraft Test Flights -- PSPChord - A Novel Fault  
 Tolerance Approach for P2P Overlay Network -- Studying Weariness  
 Prediction Using SMOTE and Random Forests -- Design of  
 Heterogeneous Evaluation Method for Redundant Circuits --  
 Senior2Local: a Machine Learning Based Intrusion Detection Method for  
 VANETs -- Depth Prediction from Monocular Images with CGAN --  
 Anomaly Detection for Power Grid based on Network Flow -- A K-  
 Anonymous Full Domain Generalization Algorithm Based on Heap Sort.

## Sommario/riassunto

This book constitutes the refereed proceedings of the Third  
 International Conference on Smart Computing and Communications,  
 SmartCom 2018, held in Tokyo, Japan, in December 2018. The 45  
 papers presented in this volume were carefully reviewed and selected  
 from 305 submissions. They focus on topics from smart data to smart  
 communications, as well as smart cloud computing to smart security.