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Titolo	Emerging Technologies for Developing Countries : First International EAI Conference, AFRICATEK 2017, Marrakech, Morocco, March 27-28, 2017 Proceedings // edited by Fatna Belqasmi, Hamid Harroud, Max Agueh, Rachida Dssouli, Faouzi Kamoun
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Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-8211 ; ; 206
Disciplina	004
Soggetti	Computer communication systems Computers and civilization User interfaces (Computer systems) Application software Special purpose computers Data protection Computer Communication Networks Computers and Society User Interfaces and Human Computer Interaction Information Systems Applications (incl. Internet) Special Purpose and Application-Based Systems Security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Seamless WSN Connectivity using Diverse Wireless Links -- Mixed method: an aggregated method for handover decision in heterogeneous wireless networks -- Analysis of the impact of Cognitive Vehicular Network environment on Spectrum Sensing -- High availability of charging and Billing In Vehicular ad hoc Network -- Developing IoT to support the health sector: A case study -- Designing a Framework for Smart IoT Adaptations -- ABAC Based Online Collaborations in the Cloud Smart Energy and Disaster Management --

Evaluating Query Energy Consumption in Document Stores -- Joint energy demand prediction and control -- Trust Assessment-Based Multiple Linear Regression -- Opinions Sandbox: Turning emotions on topics into actionable analytics -- E-Healthcare Knowledge Creation Platform using Action Research -- Framework for Dynamic Web Services Composition Guided by Live Testing -- Modernization of legacy software tests to model-driven testing -- Porting the Pay with a (Group) Selfie (PGS) payment system to crypto currency -- Cloud Digital Forensics Evaluation and Crimes Detection -- Detecting Malware Domains: A Cyber-Threat Alarm System -- Intrusion Detection using an Unsupervised Approach -- Cloud computing and virtualization in developing countries -- Analysis and Effect of Feature Selection over Smartphonebased Dataset for Human Activity Recognition -- Designing an Electronic Health Security System Framework for authentication with Wi-Fi, Smartphone and 3D face recognition technology -- Investigating TOE Factors Affecting the Adoption of a Cloud-Based EMR System in the Free-State, South Africa.

Sommario/riassunto

This book constitutes the refereed proceedings of the First International EAI Conference on Emerging Technologies for Developing Countries, AFRICATEK 2017, held in Marrakech, Morocco, in March 2017. The 15 full papers, 5 short papers, 2 invited papers and one poster paper were selected from 41 submissions. The papers are organized thematically in tracks, starting with wireless sensor networks (WSNs), vehicular area networks (VANs) and mobile networks; IoT and cloud computing; big data, data analytics, and knowledge management; processing big data over diverse clouds; Web services and software engineering; security.
