

1. Record Nr.	UNINA9910337857503321
Titolo	Context-Aware Systems and Applications, and Nature of Computation and Communication : 7th EAI International Conference, ICCASA 2018, and 4th EAI International Conference, ICTCC 2018, Viet Tri City, Vietnam, November 22–23, 2018, Proceedings / / edited by Phan Cong Vinh, Vangalur Alagar
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-06152-3
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (XII, 235 p. 133 illus., 92 illus. in color.)
Collana	Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering, , 1867-822X ; ; 266
Disciplina	004
Soggetti	Computer engineering Computer networks Artificial intelligence Data protection Computer Engineering and Networks Computer Communication Networks Artificial Intelligence Data and Information Security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes Index.
Nota di contenuto	A Context Representation Formalism and Calculus for Context-aware Computing -- Transmission Reordering in Self-organizing Network Coordination Framework -- Context-aware Parking Systems in Urban Areas: A survey and early experiments -- Stream Pseudo-probabilistic Ciphers -- jFAT: An automation framework for web application testing -- On the Compliance of Access Control Policies in Web Applications -- Two-stage Approach to Classifying Multidimensional Cubes for Visualization of Multivariate Data -- Proposing Storage Structures and Interpolation Algorithms of 3D Spatial Data -- Visually Analyzing Evolution of Geographic Objects at Different Levels of Details Over Time -- A Conceptual Model of Consumers' Purchase Intention on Different

Online Shopping Platforms -- MVMO with opposite gradient initialization for single objective problems -- Context Based Algorithm for Social Influence Measurement on Twitter -- Context-aware recommendation with objective interestingness measures -- The integration of Mobile Instant Messaging to a Peer-Interaction Programming Learning System -- Dynamic measurement for detecting the road of an autonomous vehicle using proximity sensor -- Post-quantum Cryptoschemes: new finite non-commutative algebras for defining hidden logarithm problem -- Simulating the irrigation operation with cellular automata modeling with word based on hedge algebra.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the International Conferences ICCASA and ICTCC 2018, held in November 2018 in Viet Tri City, Vietnam. The 20 revised full papers presented were carefully selected from 30 submissions. The papers of ICCASA cover a wide spectrum in the area of context-aware-systems. CAS is characterized by its self- facets such as self-organization, self-configuration, self-healing, self-optimization, self-protection used to dynamically control computing and networking functions. The papers of ICTCC cover formal methods for self-adaptive systems and discuss natural approaches and techniques for computation and communication.
