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Disciplina	004
Soggetti	Computer organization Computers Artificial intelligence Data protection Computer Systems Organization and Communication Networks Information Systems and Communication Service Artificial Intelligence Security
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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.
