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Nota di contenuto	Declarative Approach to Model Checking for Context-aware Applications -- Planquarium: A Context-Aware Rule-Based Indoor Kitchen Garden -- Text to Code: Pseudo code generation -- Context-Aware Mobility based on Pi-Calculus in Internet of Thing: A Survey -- High-throughput Machine Learning Approaches for Network Attacks Detection on FPGA -- IoT-based Air-Pollution Hazard Maps Systems for Ho Chi Minh City -- Integrating Retinal Variables into Graph Visualizing Multivariate Data to Increase Visual Features -- An Approach of Taxonomy of Multidimensional Cubes Representing Visually Multivariable Data -- A System and Model of Visual Data Analytics Related to Junior High School Students -- CDNN Model for Insect Classification Based on Deep Neural Network Approach -- Predicting of

Flooding in the Mekongdelta Using Satellite Images -- Development English Pronunciation Practicing System Based on Speech Recognition -- Document Classification by Using Hybrid Deep Learning Approach -- A FCA-Based Concept Clustering Recommender System -- Hedge Algebra Approach For Semantics-Based Algorithm To Improve Result Of Time Series Forecasting -- Post-quantum Commutative Encryption Algorithm -- Toward Aggregating Fuzzy Graphs: A Model Theory Approach -- An Android Business Card Reader Based on Google Vision: Design and Evaluation -- Predicted concentration TSS (Total Suspended Solids) pollution for water quality at the time: A case study of Tan Hiep station in Dong Nai river -- Applying geostatistics to predict dissolvent oxygen (DO) in water on the rivers in Ho Chi Minh City.

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Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the International Conferences ICCASA and ICTCC 2019, held in November 2019 in My Tho, Vietnam. The 20 revised full papers presented were carefully selected from 33 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.

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