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Nota di contenuto	Fuzzy logic, Quantum logic, Data virtualization, Automated test -- Modeling With Words: Steps Towards a Fuzzy Quantum Logic -- A Proposed Solution for Log Collection and Analysis in Kubernetes Environment -- Automated tests using Selenium framework -- Data mining -- The performance of a kernel-based variable dimension reduction method -- Detecting Major Extrema in Streaming Time Series -- Use of Raman spectroscopy to diagnose diabetes with SVM -- A New Approach for Visual Analytics Applying to Multivariate Data of Student Intakes in the University -- Machine learning, Deep learning -- Predicting academic performance of high school students -- Gross Domestic Product Prediction in various countries with Classic Machine Learning Techniques -- Palmprint Recognition Using Learning Discriminant Line Direction Descriptors -- Layering images with

Convolution Neural Networks on cloud computing.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 8th EAI International Conference on Nature of Computation and Communication, ICTCC 2022, held in Vinh Long, Vietnam, in October 27-28 2022. The 11 revised full papers presented were carefully selected from 32 submissions. The papers of ICTCC 2022 cover formal methods for self-adaptive systems and discuss natural approaches and techniques for natural computing systems and their applications.