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Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 11814
Disciplina	005.8
Soggetti	Application software Artificial intelligence Data protection Optical data processing Information Systems Applications (incl. Internet) Artificial Intelligence Security Computer Imaging, Vision, Pattern Recognition and Graphics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Invited Keynotes -- Individual Privacy Supporting Organisational Security -- A New Test Suite Reduction Approach Based on Hypergraph Minimal Transversal Mining -- Advanced Studies in Machine Learning -- Machine Learning Based Monitoring of the Pneumatic Actuators' Behavior Through Signal Processing Using Real-world Data Set -- A Comparative Study of the Use of Coresets for Clustering Large Datasets -- Leakage Classification Based on Improved KullbackLeibler Separation in Water Pipelines -- Mining Incrementally Closed Itemsets over Data Stream with the Technique of Batch-Update -- A Combination Solution for Sleep Apnea and Heart Rate Detection based on Accelerometer Tracking -- A Model for Real-time Traffic Signs Recognition based on the YOLO Algorithm - A Case Study using Vietnamese Traffic Signs --

Disease Prediction using Metagenomic Data Visualizations based on
Manifold Learning and Convolutional Neural Network -- An Efficient
Model for Sentiment Analysis of Electronic Product Reviews in
Vietnamese -- Advances in Query Processing and Optimization --
Computing History-Dependent Schedules for Processes with Temporal
Constraints -- Finding All Minimal Maximum Subsequences in Parallel
-- OCL2PSQL: An OCL-to-SQL Code-Generator for Model-Driven
Engineering -- Big Data Analytics and Distributed Systems --
Framework for Peer-to-Peer Data Sharing over Web Browsers --
Efficiently Semantic-aware Pairwise Similarity an Applicable Use-case
-- Lower Bound on Network Diameter for Distributed Function
Computation -- Deep Learning and Applications -- A Combined
Enhancing and Feature Extraction Algorithm to Improve Learning
Accuracy for Gene Expression Classification -- Age and Gender
Estimation of Asian Faces using Deep Residual Network -- Light-weight
Deep Convolutional Network-Based Approach for Recognizing Emotion
on FPGA Platform -- Metagenome-based Disease Classification with
Deep learning and Visualizations based on Self-Organizing Maps --
Cloud Data Management and Infrastructure -- On Analyzing the Trade-
off between Over-Commitment Ratio and Quality of Service in NFV
Datacenter -- Dynamic Data Management Strategy on Cloud Network
by Fog Computing Model -- Openness in Fog Computing for the
Internet of Things -- A Top-Down Scheduling for Time Efficient Data
Aggregation in WSNs -- Security and Privacy Engineering -- A New
Technique to Improve the Security of Elliptic Curve Encryption and
Signature Schemes -- A Visual Model for Privacy Awareness and
Understanding in Online Social Networks -- A Method to Enhance the
Security Capability of Python IDE -- Studying Machine Learning
Techniques for Intrusion Detection Systems -- Authentication and
Access Control -- Enforcing Access Controls in IoT Networks --
Resource-constrained IoT Authentication Protocol: An ECC-based
Hybrid Scheme for Device-to-Server and Device-to-Device
Communications -- Adventures in the Analysis of Access Control
Policies -- Blockchain and Cybersecurity -- Detect Abnormal
Behaviours in Ethereum Smart Contracts Using Attack Vectors --
MyWebGuard: Toward a User-Oriented Tool for Security and Privacy
Protection on the Web -- Blockchain-based Open Data: An Approach
for Resolving Data Integrity and Transparency -- Emerging Data
Management Systems and Applications -- GMeta: A Novel Algorithm to
Utilize Highly Connected Components for Metagenomic Binning --
Visualization of Medical Images Data Based on Geometric Modeling --
Evaluating Session-Based Recommendation Approaches on Datasets
from Different Domains -- Exploiting Social Data to Enhance Web
Search -- Retinal Vessels Segmentation by Improving Salient Region
Combined with Sobel Operator Condition -- Energy Saving Solution for
Air Conditioning Systems -- Short papers: Security and Data
Engineering -- Identifying Minimum Set of Persons That Influenced by a
Promotion Campaign -- Facial Expression Recognition On Static Images
-- Cryptocurrencies Price Index Prediction Using Neural Networks On
Bittrex Exchange -- Application of Fuzzy Logic in University Suggestion
System for Vietnamese High School Students -- Towards an
Improvement of Complex Answer Retrieval System -- Keyword-search
Interval-query Dynamic Symmetric Searchable Encryption -- The
Implicit Effect of Items Rating on Recommendation System -- Counting
People Using Images from Two Low Cost Webcams -- Predicting the
Price of Bitcoin Using Hybrid ARIMA and Machine Learning -- Deep
Learning Approach for Receipt Recognition -- Efficient CNN Models for
Beer Bottle Cap Classification Problem -- An Approach for Plagiarism

Detection in Learning Resources -- Detecting Kuzushiji Characters from Historical Documents by Two-dimensional Context Box Proposal Network -- An Empirical Study on Fabric Defect Classification using Deep Network Models.

Sommario/riassunto

This book constitutes the proceedings of the 6th International Conference on Future Data and Security Engineering, FDSE 2019, held in Nha Trang City, Vietnam, in November 2019. The 38 full papers and 14 short papers presented together with 2 papers of keynote speeches were carefully reviewed and selected from 159 submissions. The selected papers are organized into the following topical headings: Invited Keynotes, Advanced Studies in Machine Learning, Advances in Query Processing and Optimization, Big Data Analytics and Distributed Systems, Deep Learning and Applications, Cloud Data Management and Infrastructure, Security and Privacy Engineering, Authentication and Access Control, Blockchain and Cybersecurity, Emerging Data Management Systems and Applications, Short papers: Security and Data Engineering.
