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Livello bibliografico	Monografia
Nota di contenuto	Knowledge Engineering and Semantic Web -- Algorithms for Merging Probabilistic Knowledge Bases -- A Formal Framework for the Ontology Evolution -- Logical Problem Solving Framework -- Term Rewriting That Preserves Models in KR-Logic -- Towards Knowledge Formalization and Sharing in a Cognitive Vison Platform for Hazard Control (CVP-HC) -- Assessing Individuals Learning's Impairments from a Social Entropic Perspective -- Text Processing and Information Retrieval -- Robust Web Data Extraction based on Unsupervised Visual Validation -- A Character-level Deep Lifelong Learning Model for Named Entity Recognition in Vietnamese Text -- Identification of Conclusive Association Entities by Biomedical Association Mining -- A Data Preprocessing Method to Classify and Summarize Aspect-Based Opinions using Deep Learning -- Word Mover's Distance for

Agglomerative Short Text Clustering -- Improving Semantic Relation Extraction System with Compositional Dependency Unit on Enriched Shortest Dependency Path -- An Adversarial Learning and Canonical Correlation Analysis based Cross-Modal Retrieval Model -- Event Prediction Based on Causality Reasoning -- A method for detecting and analyzing the sentiment of tweets containing conditional sentences -- Aggregating Web Search Results -- Cross-Lingual Korean Speech-to-Text Summarization -- On Some Approach to Evaluation in Personalized Document Retrieval Systems -- Machine Learning and Data Mining -- A Class-Cluster k-Nearest Neighbors Method for Temporal In-Trouble Student Identification -- Multidimensional Permutation Entropy for Constrained Motif Discovery -- A LSTM Approach for Sales Forecasting of Goods with Short-term Demands in E-Commerce -- Detection of Rare Elements in Investigation of Medical Problems -- Cardiac murmur effects on automatic segmentation of ECG signals for biometric identification: Preliminary study -- An Approach to Estimation of Residential Housing Type Based on the Analysis of Parked Cars -- Household Electric Load Pattern Consumption Enhanced Simulation by Random Behavior -- Anomaly Detection Procedures in a Real World Dataset by Using Deep-Learning Approaches -- Developing a General Video Game AI Controller Based on an Evolutionary Approach -- Separable data aggregation by layers of binary classifiers -- Adaptation and recovery stages for case-based reasoning systems using Bayesian estimation and Density estimation with Nearest Neighbors -- Feature extraction analysis for emotion recognition from ICEEMD of multimodal physiological signals -- Using Fourier series to improve the prediction accuracy of Nonlinear Grey Bernoulli Model -- Learning Hierarchical Weather Data Representation for Short-term Weather Forecasting using Autoencoder and LSTM -- Logo and Brand Recognition from Imbalanced Dataset using MiniGoogLenet and MiniVGGnet Models -- Decision Support and Control Systems -- Selected problems of controllability of semilinear fractional systems-a Survey -- A data-driven approach to modeling and solving academic teachers' competences configuration problem -- PID Regulatory Control Design for a Double Tank System Based on Time-Scale Separation -- Towards Formal, Graph-based Spatial Data Processing: The Case of Lighting Segments for Pedestrian Crossings -- Multi-Agent Support For Street Lighting Modernization Planning -- An application a two-level determination consensus method in a multi-agent financial decisions support system -- Implementing Smart Virtual Product Development (SVPD) to Support Product Manufacturing -- PID Tuning with Neural Networks -- Repeatable trust game { preliminary experimental results -- Modeling of uncertainty with Petri nets -- A Collaborative Approach Based on DCA and VNS for Solving Mixed Binary Linear Programs -- Adoption of Cloud Business Intelligence in Indonesia's Financial Services Sector -- Stakeholder impact on the success and risk of failure of ICT projects in Poland -- Analysis of the Influence of ICT and Public Recognition on University Credibility -- Quantum Game-Based Recommender Systems for Disruptive Innovations -- Computer Vision Techniques -- Matching Topological Structures for Handwritten Character Recognition -- Enhancing the Resolution of Satellite Images Using the Best Matching Image Fragment -- Multi-scale Autoencoders in Autoencoder for Semantic Image Segmentation -- Simultaneous Localization and Segmentation of Fish Objects using Multi-Task CNN and Dense CRF -- Violent Crowd Flow Detection Using Deep Learning -- Drowsiness Detection in Drivers through Real-time Image Processing of the Human Eye -- Software Techniques to Reduce Cybersickness among Users of Immersive Virtual

Reality Environments -- Semi-supervised learning with Bidirectional GANs -- Sharp Images Detection for Microscope Pollen Slides Observation -- Databases and Intelligent Information Systems -- Slowly Changing Dimension Handling in Data Warehouses using Temporal Database Features -- Tackling Complex Queries to Relational Databases -- Approximate Outputs of Accelerated Turing Machines Closest to Their Halting Point -- Development of Seawater Temperature Announcement System for Improving Productivity of Fishery Industry -- TB5 tool for tracking personality traits -- Comparative Analysis of Usability of Data Entry Design Patterns for Mobile Applications.

Sommario/riassunto

The two-volume set LNAI 11431 and 11432 constitutes the refereed proceedings of the 11th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2019, held in Yogyakarta, Indonesia, in April 2019. The total of 124 full papers accepted for publication in these proceedings were carefully reviewed and selected from 309 submissions. The papers of the first volume are organized in the following topical sections: knowledge engineering and semantic web; text processing and information retrieval; machine learning and data mining; decision support and control systems; computer vision techniques; and databases and intelligent information systems. The papers of the second volume are divided into these topical sections: collective intelligence for service innovation, technology management, E-learning, and fuzzy intelligent systems; data structures modelling for knowledge representation; advanced data mining techniques and applications; intelligent information systems; intelligent methods and artificial intelligence for biomedical decision support systems; intelligent and contextual systems; intelligent systems and algorithms in information sciences; intelligent supply chains and e-commerce; sensor networks and Internet of Things; analysis of image, video, movements and brain intelligence in life sciences; and computer vision and intelligent systems.
