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	Collana	Lecture Notes in Artificial Intelligence ; ; 9012
	Disciplina	004
	Soggetti	Artificial intelligence Information storage and retrieval Data mining Application software Database management Algorithms Artificial Intelligence Information Storage and Retrieval Data Mining and Knowledge Discovery Information Systems Applications (incl. Internet) Database Management Algorithm Analysis and Problem Complexity
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	Nota di contenuto	Bio-inspired Optimization Techniques and Their Applications -- Swarm Based Mean-Variance Mapping Optimization for Solving Economic Dispatch with Cubic Fuel Cost Function -- Multi objective Optimization of Bioactive Compound Extraction Process via Evolutionary Strategies -- Hybrid Swarm Intelligence-based Optimization for Charging Plug-in Hybrid Electric Vehicle -- A Genetic Algorithm with Grouping Selection and Searching Operators for the Orienteering Problem -- Solving the Set Covering Problem with a Shuffled Frog Leaping Algorithm -- Machine Learning in Biometrics and Bioinformatics with Applications --

Automatic Evaluation of Area-Related Immunogold Particles Density in Transmission Electron Micrographs -- Fusion of Granular Computing and k–NN Classifiers for Medical Data Support System -- Lip Print Recognition Method Using Bifurcations Analysis -- Detecting the Reference Point in Fingerprint Images with the Use of the High Curvature Points -- Kinect-Based Action Recognition in a Meeting Room Environment -- Advanced Data Mining Techniques and Applications -- Analyzing Users' Interests with the Temporal Factor Based on Topic Modeling -- Classifying Continuous Classes with Reinforcement Learning RULES -- Fuzzy Association Rule Mining with Type-2 Membership Functions -- Dependence Factor for Association Rules -- Collective Intelligent Systems for E-market Trading, Technology -- Opportunity Discovery and Collaborative Learning A Novel Framework of Consumer Co-creation for New Service Development -- Recognizing and Evaluating the Technology Opportunities via Clustering Method and Google Scholar -- Raising EFL College Learners' Awareness of Collocations via COCA -- Effects of Question Prompts and Self-explanation on Database Problem Solving in a Peer Tutoring Context -- Intelligent Information Systems in Security and Defense -- FP-tree and SVM for Malicious Web Campaign Detection -- Simulation of Human Behavior in Different Densities as a Part of Crowd Control Systems -- The Qualitative and Quantitative Support Method for Capability Based Planning of Armed Forces Development -- Agent-Based M&S of Smart Sensors for Knowledge Acquisition Inside the Internet of Things and Sensor Networks -- Analysis of Image, Video and Motion Data in Life Sciences -- Camera Calibration and Navigation in Networks of Rotating Cameras -- Expert Group Collaboration Tool for Collective Diagnosis of Parkinson Disease -- Dynamics Modeling of 3D Human Arm Using Switched Linear Systems -- Machine Learning on the Video Basis of Slow Pursuit Eye Movements Can Predict Symptom Development in Parkinson's Patients -- Optimization of Joint Detector for Ultrasound Images Using Mixtures of Image Feature Descriptors -- Automatic Markers' Influence Calculation for Facial Animation Based on Performance Capture -- Automated Analysis of Images from Confocal Laser Scanning Microscopy Applied to Observation of Calcium Channel Subunits in Nerve Cell Model Line Subjected Electroporation and Calcium -- Registration of Ultrasound Images for Automated Assessment of Synovitis Activity -- Quantifying Chaotic Behavior in Treadmill Walking -- Augmented Reality and 3D Media -- Human Detection from Omnidirectional Camera Using Feature Tracking and Motion Segmentation -- Automatic Fast Detection of Anchorperson Shots in Temporally Aggregated TV News Videos -- Combined Motion Estimation and Tracking Control for Autonomous Navigation -- Eye Tracking in Gesture Based User Interfaces Usability Testing -- Maximization of AR Effectiveness as a Didactic Tool with Affective States Recognition -- A Method of the Dynamic Generation of an Infinite Terrain in a Virtual 3D Space -- Accuracy Evaluation of a Linear Positioning System for Light Field Capture -- A System for Real-Time Passenger Monitoring System for Bus Rapid Transit System -- Cloud Based Solutions -- Cloud and m-Learning: Longitudinal Case Study of Faculty of Informatics and Management, University of Hradec Kralove -- Granular-Rule Extraction to Simplify Data -- Wireless Positioning as a Cloud Based Service -- HPC Cloud Technologies for Virtual Screening in Drug Discovery -- Internet of Things, Big Data and Cloud Computing -- Delivery of e-Health Services in Next Generation Networks -- Implementation and Performance Testing of ID Layer Nodes for Hierarchized IoT Network -- Modeling Radio Resource Allocation Scheme with Fixed Transmission Zones for Multiservice M2M

Communications in Wireless IoT Infrastructure -- Towards On-Demand Resource Provisioning for IoT Environments -- ComSS – Platform for Composition and Execution of Streams Processing Services -- Experience-Oriented Enhancement of Smartness For Internet of Things -- Artificial Intelligent Techniques and Their Application in Engineering and Operational Research -- A Cloud Computing Platform for Automatic Blotch Detection in Large Scale Old Media Archives -- High-Accuracy Phase-Equalizer for Communication-Channel Compensation -- Using Different Norms in Packing Circular Objects -- SCADA Based Operator Support System for Power Plant Fault Diagnosis -- Lino - An Intelligent System for Detecting Malicious Web-Robots -- Optimum Design of Finned Tube Heat Exchanger Using DOE -- Extraction of Event Elements Based on Event Ontology Reasoning.

| Sommario/riassunto | The two-volume proceedings of the ACIIDS 2015 conference, LNAI 9011 + 9012, constitutes the refereed proceedings of the 7th Asian Conference on Intelligent Information and Database Systems, held in Bali, Indonesia, in March 2015. The total of 117 full papers accepted for publication in these proceedings was carefully reviewed and selected from 332 submissions. They are organized in the following topical sections: semantic web, social networks and recommendation systems; text processing and information retrieval; intelligent database systems; intelligent information systems; decision support and control systems; machine learning and data mining; multiple model approach to machine learning; innovations in intelligent systems and applications; bio-inspired optimization techniques and their applications; machine learning in biometrics and bioinformatics with applications; advanced data mining techniques and applications; collective intelligent systems for e-market trading, technology opportunity discovery and collaborative learning; intelligent information systems in security and defense; analysis of image, video and motion data in life sciences; augmented reality and 3D media; cloud based solutions; internet of things, big data and cloud computing; and artificial intelligent techniques and their application in engineering and operational research. |