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Nota di bibliografia	Includes bibliographical references and author index.
Nota di contenuto	Part I -- Natural Language and Text Processing A Meta-model Guided Expression Engine -- Text Clustering Using Novel Hybrid Algorithm -- Combination of Multi-view Multi-source Language Classifiers for Cross-Lingual Sentiment Classification -- Learning to Simplify Children Stories with Limited Data -- Clustering Based Topic Events Detection on Text Stream -- Nonterminal Complexity of Weakly Conditional Grammars -- Thai Grapheme-Phoneme Alignment: Many-to-Many Alignment with Discontinuous Patterns -- A New Approach for Mining

Top-Rank-k Erasable Itemsets -- Intelligent Information Retrieval New Method for Extracting Keyword for the Social Actor -- Query Expansion Using Medical Subject Headings Terms in the Biomedical Documents -- Improving Health Question Classification by Word Location Weights -- Entity Recognition in Information Extraction -- Author Name Disambiguation by Using Deep Neural Network -- Incremental Refinement of Linked Data: Ontology-Based Approach -- Using Lexical Semantic Relation and Multi-attribute Structures for User Profile Adaptation -- Auto-Tagging Articles Using Latent Semantic Indexing and Ontology -- Evaluating Profile Convergence in Document Retrieval Systems -- Similarity Search among Real Valued Vectors -- Semantic Web, Social Networks and Recommendation Systems -- Finding the Cluster of Actors in Social Network Based on the Topic of Messages -- Geodint: Towards Semantic Web-Based Geographic Data Integration -- SPARQL – Compliant Semantic Search Engine with an Intuitive User Interface -- A General Model for Mutual Ranking Systems -- Automated Interestingness Measure Selection for Exhibition Recommender Systems -- Equivalent Transformation in an Extended Space for Solving Query-Answering Problems -- Knowledge Generalization during Hierarchical Structures Integration -- Design and Implementation of an Adaptive Tourist Recommendation System -- Improving Efficiency of PromoRank Algorithm Using Dimensionality Reduction -- A Framework to Provide Personalization in Learning Management Systems through a Recommender System Approach -- Intelligent Database Systems -- Agent-Based Modelling the Evacuation of Endangered Areas -- DPI: Dual Private Indexes for Outsourced Databases -- Anomaly SQL SELECT-Statement Detection Using Entropy Analysis -- Deriving Composite Periodic Patterns from Database Audit Trails -- Comparison of Stability Models in Incremental Development -- An Approach of Finding Maximal Submeshes for Task Allocation Algorithms in Mesh Structures -- A GA-Based Approach for Resource Consolidation of Virtual Machines in Clouds -- Problems of SUMO-Like Ontology Usage in Domain Modelling -- Intelligent Information Systems -- Implementation of Emotional-Aware Computer Systems Using Typical Input Devices -- An Item Bank Calibration Method for a Computer Adaptive Test -- Hybrid Approach to Web Based Systems Usability Evaluation -- Application of Network Analysis in Website Usability Verification -- Travel Password: A Secure and Memorable Password Scheme -- Performance Measurement of Higher Education Information System Using IT Balanced Scorecard -- Decision Support Systems -- Decisional DNA Based Framework for Representing Virtual Engineering Objects -- A Data Quality Index with Respect to Case Bases within Case-Based Reasoning -- Agent's Autonomy Adjustment via Situation Awareness -- The Development of a Decision Support Model for the Problem of Berths Allocation in Containers Terminal Using a Hybrid of Genetic Algorithm and Simulated Annealing -- Sensitivity Analysis of a Priori Power Indices.-Artificial Neural Network Based Prediction Model of the Sliding Mode Control in Coordinating Two Robot Manipulators -- Comparison of Reproduction Schemes in Spatial Evolutionary Game Theoretic Model of Bystander Effect -- Ant Colony Optimization Algorithm for Solving the Provider – Modified Traveling Salesman Problem -- Controlling Quality of Water-Level Data in Thailand -- Application of Nonlinear State Estimation Methods for Sport Training Support -- Computer Vision Techniques -- Multiple Object Tracking Based on a Hierarchical Clustering of Features Approach -- A Copy Move Forgery Detection to Overcome Sustained Attacks Using Dyadic Wavelet Transform and SIFT Methods -- Methods for Vanishing Point Estimation by Intersection of Curves from Omnidirectional Image --

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Sommario/riassunto

The two-volume set LNAI 8397 and LNAI 8398 constitutes the refereed proceedings of the 6th Asian Conference on Intelligent Information and Database Systems, ACIIDS 2014, held in Bangkok, Thailand, in April 2014. The 125 revised papers presented were carefully reviewed and selected from 300 submissions. The papers address the following topics: natural language and text processing, intelligent information retrieval, semantic Web, social networks and recommendation systems, intelligent database systems, decision support systems, computer vision techniques, and machine learning and data mining. The papers are organized in topical sections on multiple model approach to machine learning, MMAML 2014, computational intelligence, CI 2014, engineering knowledge and semantic systems, IWEKSS 2014, innovations in intelligent computation and applications, IICA 2014, modeling and optimization techniques in information systems, database systems and industrial systems, MOT 2014, innovation via collective intelligences and globalization in business management, ICIGBM 2014, intelligent supply chains, ISC 2014, and human motion: acquisition, processing, analysis, synthesis and visualization for massive datasets, HMMD 2014.