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Descrizione fisica	1 online resource (XVI, 671 p. 255 illus.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI ; ; 7669
Disciplina	004.019
Soggetti	Application software Artificial intelligence Computer communication systems Data mining Database management User interfaces (Computer systems) Information Systems Applications (incl. Internet) Artificial Intelligence Computer Communication Networks Data Mining and Knowledge Discovery Database Management User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes Index.
Nota di contenuto	Active Media Data Mining and Machine Learning Techniques -- Movie Genre Classification Using SVM with Audio and Video Features -- Automatic Player Behavior Analyses from Baseball Broadcast Videos -- Hot Topic Detection in News Blogs from the Perspective of W2T -- A Clustering Ensemble Based on a Modified Normalized Mutual Information Metric -- Influence of Erroneous Pairwise Constraints in Semi-supervised Clustering -- User Correlation Discovery and Dynamical Profiling Based on Social Streams -- Extraction of Human

Social Behavior from Mobile Phone Sensing -- Continuity of Defuzzification on L2 Space for Optimization of Fuzzy Control -- A On-Line News Documents Clustering Method -- Agent-Based Applications and Multi-agent Systems Distributed Protocols for Multi-Agent Coalition Formation: A Negotiation Perspective -- Multi-agent Liquidity Risk Management in an Interbank Net Settlement System -- An Enhanced Mechanism for Agent Capability Reuse -- A Bayesian Network Approach to Investigating User-Robot Personality Matching -- Modelling Multi-Criteria Decision Making Ability of Agents in Agent-Based Rice Pest Risk Assessment Model -- Agent Based Assistance for Electric Vehicles -- An Evaluation -- Ubiquitous Intelligent Devices and Systems -- Event Calculus-Based Adaptive Services Composition Policy for Aml Systems -- QoS- and Resource-Aware Service Composition and Adaptation -- An Event-Driven Energy Efficient Framework for Wearable Health-Monitoring System -- Learning Style Model for e-Learning Systems -- A Trajectory-Based Recommender System for Tourism -- An Adaptive Method for the Tag-Rating-Based Recommender System -- Comparative Study of Joint Decision-Making on Two Visual Cognition Systems Using Combinatorial Fusion -- Active Media Based Information Retrieval and Processing -- Research on Touch as a Means of Interaction in Digital Art -- Perceptual Image Hashing with Histogram of Color Vector Angles -- Data Hiding Method Based on Local Image Features -- Fast Flow Visualization on CUDA Based on Texture Optimization -- A Message Passing Graph Match Algorithm Based on a Generative Graphical Model -- Fast Content-Based Retrieval from Online Photo Sharing Sites -- Interactive Exploration of Image Collections on Mobile Devices -- The Derived Kernel Based Recognition Method of Vehicle Type -- An Approach to Define Flexible Structural Constraints in XQuery -- DC Stream Based JPEG Compressed Domain Image Retrieval -- Semantic Computing for ActiveMedia, Social Networks, and AMT-Based Systems A Comparative Study of Community Structure Based Node Scores for Network Immunization -- Semantic Precision and Recall for Evaluating Incoherent Ontology Mappings -- A Self-organization Method for Reorganizing Resources in a Distributed Network -- Extracting Property Semantics from Japanese Wikipedia -- An Ontology Based Privacy Protection Model for Third-Party Platform -- Evaluating Ontology-Based User Profiles -- Semantic Information with Type Theory of Acyclic Recursion -- Pyxis: An Active Replication Approach for Enhancing Social Media Services -- Social Network Analysis of Virtual Worlds -- Active Media Framework for Network Processing Components -- Semantic Network Monitoring and Control over Heterogeneous Network Models and Protocols -- International Workshop on Meta-synthesis and Complex Systems -- Opinion Dynamics on Triad Scale Free Network -- Distribution of Node Characteristics in Complex Networks of Tree Class -- Dynamic Mergers Drive Industrial Competition Evolution: A Network Analysis Perspective -- A Study of Collective Action Threshold Model Based on Utility and Psychological Theories -- Recognition of Online Opinion Leaders Based on Social Network Analysis -- Critical Infrastructure Management for Telecommunication Networks -- Developing Self-Organizing Systems by Policy-Based Self-Organizing Multi-Agent Systems -- On Prioritized 2-tuple Ordered Weighted Averaging Operators -- Special Session on Social Knowledge Discovery and Management -- A Novel Collaboration Partner Model Based on the Personal Relationships of SNS -- An Innovative Way for Mining Clinical and Administrative Healthcare Data -- An Adaptive Recommendation System for Museum Navigation -- Adaptive SVM-Based Classification Systems Based on the Improved

Endocrine-Based PSO Algorithm -- A Probability Model for Recognition of Dynamic Gesture Based on a Finger-Worn Device -- Design of a Situation-Aware System for Abnormal Activity Detection of Elderly People -- Special Session on Human-Computer Interaction and Knowledge Discovery from Big Data -- Revealing Cultural Influences in Human Computer Interaction by Analyzing Big Data in Interactions -- Predicting Student Exam's Scores by Analyzing Social Network Data -- SPTrack: Visual Analysis of Information Flows within SELinux Policies and Attack Logs -- Using Mixed Node Publication Network Graphs for Analyzing Success in Interdisciplinary Teams -- On Text Preprocessing for Opinion Mining Outside of Laboratory Environments -- Human Involvement in Designing an Information Quality Assessment Technique - Demonstrated in a Healthcare Setting -- On Applying Approximate Entropy to ECG Signals for Knowledge Discovery on the Example of Big Sensor Data -- Towards a Framework Based on Single Trial Connectivity for Enhancing Knowledge Discovery in BCI.

Sommario/riassunto

This book constitutes the refereed proceedings of the 8th International Conference on Active Media Technology, AMT 2012, held in Macau, China, in December 2012. The 65 revised full papers were carefully reviewed and selected from a numerous submissions. The papers are organized in topical sections on awareness multi-agent systems, data mining, ontology mining, web reasoning, social applications of active media, human-centered computing, personalization and adaptation, smart digital art and e-learning.
