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Nota di contenuto	Entity Correspondence with Second-Order Markov Logic -- Learning Social Relationship Strength via Matrix Co-Factorization with Multiple Kernels -- NEXIR: A Novel Web Extraction Rule Language toward a Three-Stage Web Data Extraction Model -- Heterogeneous Metric Learning for Cross-Modal Multimedia Retrieval -- Efficient Online Novelty Detection in News Streams -- Detecting Opinion Drift from Chinese Web Comments Based on Sentiment Distribution Computing -- Feature Extraction from Micro-blogs for Comparison of Products and Services -- Directional Context Helps: Guiding Semantic Relatedness Computation by Asymmetric Word Associations -- The Heterogeneous Cluster Ensemble Method Using Hubness for Clustering Text Documents -- Exploiting User Queries for Search Result Clustering --

Towards Context-Aware Social Recommendation via Trust Networks -- Personalized Recommendation on Multi-Layer Context Graph -- Recommending Triple set Interlinking through a Social Network Approach -- Improving Rocchio Algorithm for Updating User Profile in Recommender Systems -- Time-Aware Travel Attraction Recommendation -- CGMF: Coupled Group-Based Matrix Factorization for Recommender System -- Authenticating Users of Recommender Systems Using Naive Bayes -- Taxonomy Based Personalized News Recommendation: Novelty and Diversity -- Distinguishing Social Ties in Recommender Systems by Graph-Based Algorithms -- Personalized Location-Aware QoS Prediction for Web Services Using Probabilistic Matrix Factorization -- Verifying Transactional Requirements of Web Service Compositions Using Temporal Logic Templates -- Transitional Resource Meta-model: Generating Restful Service to Implement Complex Activity -- UCOSAIS: A Framework for User-Centered Online Service Advertising Information Search -- Near Duplicate Text Detection Using Frequency-Biased Signatures -- Reconciling Folksonomic Tagging with Taxa for Bioacoustic Annotations -- Multi-relational PageRank for Tree Structure Sense Ranking -- Towards Content-Aware SPARQL Query Caching for Semantic Web Applications -- A Generic Tree-Like Index Framework in the Cloud -- Optimization of XML Queries by Using Semantics in XML Schemas and the Document Structure -- Semantic Entity Identification in Large Scale Data via Statistical Features and DT-SVM -- Efficient Computation of Multiple XML Keyword Queries -- Soft Cardinality Constraints on XML Data -- A Framework for Processing Uncertain RFID Data in Supply Chain Management -- An Ontology-Based Approach to Context-Aware Access Control for Software Services -- A Novel Method for Finding Similarities between Unordered Trees Using Matrix Data Model -- Semantic Inversion in XML Keyword Search with General Conditional Random Fields -- Automatically Training Form Classifiers -- Page-Level Wrapper Verification for Unsupervised Web Data Extraction -- Co-Learning Ranking for Query-Based Retrieval -- Fine-Grained Access Control for RDF Data on Mobile Devices -- Overview of the WISE 2013 Challenge -- Entity Extraction within Plain-Text Collections WISE 2013 Challenge - T1: Entity Linking Track -- ELS: An Efficient Entity Linking System -- Combining POS Tagging, Lucene Search and Similarity Metrics for Entity Linking -- Predicting Microblog User's Age Based on Text Information -- Predicting Users' Age Range in Micro-blog Network.

Sommario/riassunto

This book constitutes the proceedings of the 14th International Conference on Web Information Systems Engineering, WISE 2013, held in Nanjing, China, in October 2013. The 48 full papers, 29 short papers, and 10 demo and 5 challenge papers, presented in the two-volume proceedings LNCS 8180 and 8181, were carefully reviewed and selected from 198 submissions. They are organized in topical sections named: Web mining; Web recommendation; Web services; data engineering and database; semi-structured data and modeling; Web data integration and hidden Web; challenge; social Web; information extraction and multilingual management; networks, graphs and Web-based business processes; event processing, Web monitoring and management; and innovative techniques and creations.
