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	Nota di contenuto	Challenging the Big Data Problem on the Web (Big Web Data 2013) -- Large-Scale Complex Reasoning with Semantics: Approaches and Challenges -- Using Semantic Technology for Consistency Checking of Road Signs -- HG-Bitmap Join Index: A Hybrid GPU/CPU Bitmap Join Index Mechanism for OLAP -- Semantic and Qualitative Spatial

Reasoning Based Road Network Modeling -- A System to Generate Mobile Data Based on Real User Behavior -- Introducing a New Scalable Data-as-a-Service Cloud Platform for Enriching Traditional Text Mining Techniques by Integrating Ontology Modelling and Natural Language Processing -- The 4th International Workshop on Mobile Business (MBC 2013) -- Towards Fine-Grained Verification of Application Mobility -- Matrix Factorization for User Behavior Analysis of Location-Based Social Network -- Understanding User Behavior through URL Analysis in Sina Tweets -- Towards Evaluating the Performance of Higher Education: From a Non-financial Perspective -- Dynamically Predicting the Deadlines in Time-Constrained Workflows -- A Task Selecting Algorithm for Personal Schedules in Workflow Systems -- The 6th International Workshop on Personalization in Cloud and Service Computing (PCS 2013) -- Entity Identification in Deep Web -- Situation-Aware Data Service Composition Based on Service Hyperlinks -- Research on Service-Content-Based Web Service Selection Method -- A Petri Net Based Execution Engine for Web Service Composition -- A Method of Optimizing Multi-tenant Database Query Access -- Cloud-Based Massive Electricity Data Mining and Consumption Pattern Discovery -- Modelling Web Service Personalization with Rule Nets -- Data Quality and Trust in Dig Data (QUAT 2013) -- Conceptual Graph: An Approach to Improve Quality of Business Services Modeling -- Making Recommendations on Microblogs through Topic Modeling -- A Computational Model for Trust-Based Collaborative Filtering: An Empirical Study on Hotel Recommendations -- How to Decide Upon Stopping a Heuristic Algorithm in Facility- Location Problems? -- How Does Different Algorithm Work When Applied on the Different Road Networks When Optimal Location of Facilities Is Searched for in Rural Areas? -- Multi-indexed Graph Based Knowledge Storage System -- E-health and Social Computing (SCEH2013) -- A Novel Approach for Customer Segmentation Based on Biclustering -- A Systematic Literature Review of Data Mining Applications in Healthcare -- Community-Based Scholar Recommendation Modeling in Academic Social Network Sites -- A Privacy Protection Solution for the Balance of Performance and Security in Cloud Computing -- Enhancing Modularity Optimization via Local Close-Knit Structures -- Semantic Technology for e Health (STeH2013) -- Detecting Hotspots in Insulin-Like Growth Factors 1 Research through Meta Map and Data Mining Technologies -- An Integrated Biomedical Ontology Mapping Strategy Based on Multiple Mapping Methods -- Generation of Semantic Data from Guidelines for Rational Use of Antibiotics -- Design and Implementation of Visualization Tools for Advanced Patient Data Generator -- Semantic Approach for Rational Use of Antibiotics: A Perspective from Clinical Research -- Semantic Technology for Smarter Cities (STSC2013) -- Using Semantic Technology for Automatic Verification of Road Signs -- A Semantically-Enabled System for Road Sign Management -- Interface Design of Semantic System for Road Sign Management -- A Linked Data-Based Framework for Personalized Services Information Retrieval in Smart City -- Taxi Travel Purpose Estimation and Characteristic Analysis Based on Multi-source Data and Semantic Reasoning — A Case Study of Beijing.

Sommario/riassunto   This book constitutes the revised selected papers of the combined workshops on Web Information Systems Engineering, WISE 2013, held in Nanjing, China, in October 2013. The seven workshops of WISE 2013 have reported the recent developments and advances in the contemporary topics in the related fields of: the big data problem on the Web, BigWebData 2013, mobile business, MBC 2013, personalization in cloud and service computing, PCS 2013, data quality

and trust in dig data, QUAT 2013, e-health and social computing, SCEH 2013, semantic technology for e-health, STeH 2013, and semantic technology for smarter cities, STSC 2013.