1. Record Nr. UNISA996393370203316

Autore	Brett, Mr.
Titolo	At Mr. Brett's, an apothecary, at the upper-end of Prescot-Street, in Goodmans-Fields, London, liveth a chirurgion, who infallibly cures all sorts of squint, or blear eyes [[electronic resource]] : in a short time, without pain or danger, in either age of infancy, tho' of long continuance; .
Pubbl/distr/stampa	[London, : s.n., 1700?]
Descrizione fisica	1 sheet ([1] p.)
Soggetti	Advertising - Medicine Eye - Care and hygiene Eye - Examination Medicine - Formulae, receipts, prescriptions Physicians - England Broadsides17th century.England
Lingua di pubblicazione	Inglese
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Descrizione fisica	1 online resource (X, 203 p. 79 illus.)
Collana	Information Systems and Applications, incl. Internet/Web, and HCI, , 2946-1642 ; ; 9080
Disciplina	910.285
Soggetti	Database management Information storage and retrieval systems Application software Multimedia systems Computer networks User interfaces (Computer systems) Human-computer interaction Database Management Information Storage and Retrieval Computer and Information Systems Applications Multimedia Information Systems Computer Communication Networks User Interfaces and Human Computer Interaction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Intro -- Preface -- Organization -- Contents -- User Generated Content -- Data Collection, Processing and Interpretation -- A Mobile Application for a User-Generated Collection of Landmarks -- 1 Introduction -- 2 Previous Work -- 3 In-Situ Collection of Landmark Candidates -- 3.1 Determining the Visible Area from Location Sensors -- 3.2 Extracting Possible Landmark Candidates -- 3.3 Quantification of Landmarkness Attributes -- 3.4 Ranking of Landmark Candidates --

4 Implementation -- 4.1 Geographic Data -- 4.2 Collecting a New Landmark -- 4.3 Dealing with Sensor Inaccuracies -- 4.4 Weighting Parameters -- 5 Case Study -- 5.1 Experimental Setup -- 5.2 Results -- 6 Discussion -- 7 Conclusions -- References -- Leveraging VGI for Gazetteer Enrichment: A Case Study for Geoparsing Twitter Messages -- 1 Introduction -- 2 Related Work -- 3 The GeoSEn Parser -- 4 The Gazetteer Enrichment Leveraging VGI -- 4.1 The Gazetteer Enrichment Method -- 4.2 The GeoSEn Heuristics Adjustments -- 5 Case Study: Automated Geoparsing of Twitter Microtexts -- 5.1 Methodology -- 5.2 Results -- 6 Conclusion and Further Work -- References -- Measuring Crowd Mood in City Space Through Twitter -- 1 Introduction -- 2 Related Work -- 3 Measuring Crowd Mood from Geo-Tagged Tweets -- 3.1 Dictionary-Based Sentiment Extraction -- 3.2 Count-Based Measurement and Categorization -- 3.3 Score-Based Measurement and Categorization -- 4 Experimental Study -- 4.1 Experimental Setting -- 4.2 Experimental Results -- 4.3 Discussion -- 5 Conclusions and Future Work -- References -- Representation and Interaction: Generalization, Visualization, and Mobility -- On-Demand Generalization of Guide Maps with Road Networks and Category-Based Web Search Results -- 1 Introduction -- 2 Related Work -- 3 Proposed System -- 3.1 Features of the Proposed System -- 3.2 System Structure.
4 Implementation of the Proposed System -- 4.1 Construction of Fundamental Data -- 4.2 Creation of Strokes -- 4.3 Creation of Fat-Strokes -- 4.4 Drawing a Guide Map -- 5 Prototype System -- 5.1 Overview of the Prototype -- 5.2 Examples of Generalized Guide Maps -- 6 Preliminary Experiments -- 6.1 Objective of the Experiments -- 6.2 Methods -- 6.3 Results -- 7 Conclusions -- References -- Compass-Based Navigation in Street Networks -- 1 Introduction -- 1.1 Related Work -- 1.2 Contribution -- 2 Wireless Acquisition of Compass Data -- 2.1 Electronic Compass -- 2.2 Smoothing -- 3 Compass Paths -- 3.1 Representation as Sequence of Absolute Directions -- 3.2 Inflection Point Representation -- 4 Map Matching -- 4.1 Curve Matching -- 4.2 Tolerance Ranges and Shape-Preserving Search -- 5 A Data Structure for Fast Inflection Point Recognition -- 5.1 Conventional Generalized Suffix Trees -- 5.2 GSTs for Path Shapes -- 5.3 GSTs for Compass Paths in IPR -- 5.4 Answering Queries -- 6 Experimental Results -- 6.1 Characterizability of Street Networks -- 6.2 GST Construction -- 6.3 Queries -- 6.4 Accuracy -- 6.5 Real-World Data -- 7 Conclusions -- References -- A Web-Based Steam Assisted Gravity Drainage (SAGD) Data Visualization and Analytical System -- 1 Introduction -- 2 Related Work -- 2.1 Oil and Gas Data Management Systems and Web GIS -- 2.2 Oil and Gas Data Visualization and Analysis Methods -- 3 Design of the SAGD Data Visualization and Analysis System -- 3.1 System Design -- 3.2 SAGD Database -- 4 The Web GIS U User Interface -- 5 The Data Visualization and Data Mining User Interface -- 5.1 Data Visualization -- 5.2 Data Mining -- 6 Discussion and Conclusion -- References -- SpatioTemporal Trajectories and Navigation -- Spatial Selectivity Estimation for Web Searching -- 1 Introduction -- 2 Background and Related Work -- 2.1 Spatial Indexing.
2.2 Spatial Selectivity Estimates in Query Optimization -- 3 Employing Spatial Histograms as Selectivity Estimators -- 3.1 Grid-Based Histograms -- 3.2 Quad-Histograms -- 3.3 Aggregate R-trees as Spatial Histograms -- 4 Experimental Validation -- 4.1 Experimental Setup -- 4.2 Experimental Results -- 5 Concluding Remarks -- References -- A Semantic-Based Data Model for the Manipulation of Trajectories: Application to Urban Transportation -- 1 Introduction --

2 STT Abstract Data Type -- 3 STT Manipulation Operations -- 3.1 Database Coherence -- 3.2 Semantic Operations -- 3.3 Spatial Operations -- 3.4 Temporal Operations -- 3.5 Spatio-Temporal Operations -- 4 Implementation and Evaluation -- 4.1 Data Integration -- 4.2 Operations Integration -- 4.3 Experimental Data -- 4.4 Experimentation -- 5 Conclusion -- Spatiotemporal Behavior Profiling: A Treasure Hunt Case Study -- 1 Introduction -- 2 Related Work -- 3 Case Study and Data Collection -- 3.1 Event -- 3.2 Technology -- 3.3 Collected Data -- 3.4 Data Pre-Processing -- 4 Spatiotemporal Behavior Analysis -- 4.1 Timeline Analysis -- 4.2 Stay Point Analysis -- 4.3 Trajectory Inspection -- 5 Behavior Prediction -- 5.1 Team Type Classification -- 5.2 Feature-Based Answer Type Classification -- 6 Conclusions and Future Work -- References -- Computational Approaches, Algorithms and Architectures -- Spatial Interpolation of Streaming Geosensor Network Data in the RISER System -- 1 Introduction -- 2 Background -- 3 Architecture -- 3.1 Stream Processing -- 3.2 Stream Processing Platform -- 4 Stream-Based Spatial Interpolation Operator -- 4.1 Ports -- 4.2 Windows -- 5 Results -- 5.1 Experimental Design -- 5.2 Interpolation Technique -- 5.3 Scalability of Kriging -- 6 Conclusions -- References -- Opportunistic Trajectory Recommendation for Task Accomplishment in Crowdsourcing Systems -- 1 Introduction.
2 Trajectory Recommendation Problem -- 2.1 Preliminary Definitions -- 2.2 Problem Definition -- 2.3 Problem Complexity -- 3 Algorithms -- 3.1 Exact Algorithm -- 4 Experiments -- 5 Related Work -- 6 Conclusion -- References -- G2P: A Partitioning Approach for Processing DBSCAN with MapReduce -- 1 Introduction -- 2 Related Work -- 3 Problem Statement -- 4 Methodology and Implementation -- 4.1 G2P: Graph and Grid Partitioning -- 4.2 Distributed DBSCAN using MapReduce -- 5 Experimental Evaluation -- 6 Conclusion and Future Work -- References -- Author Index.

Sommario/riassunto

This book constitutes the refereed conference proceedings of the 14th International Symposium, W2GIS 2015, held in Grenoble, France, in May 2015. The 12 revised full papers presented were carefully selected from 19 submissions. Selected papers cover hot topics related to W2GIS including spatiotemporal data collection, processing and visualization, mobile user generated content, semantic trajectories, locationbased Web search, Cloud computing and VGI approaches.