

1. Record Nr.	UNINA9910254232703321
Titolo	Towards Cognitive Cities : Advances in Cognitive Computing and its Application to the Governance of Large Urban Systems / / edited by Edy Portmann, Matthias Finger
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-33798-X
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (XVII, 215 p. 49 illus., 34 illus. in color.)
Collana	Studies in Systems, Decision and Control, , 2198-4182 ; ; 63
Disciplina	307.12160285
Soggetti	Computational intelligence Urban geography Engineering design Sustainable development Urban economics Computational Intelligence Urban Geography / Urbanism (inc. megacities, cities, towns) Engineering Design Sustainable Development Urban Economics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Foreword -- What are Cognitive Cities? -- From Smart to Cognitive: A Roadmap for the Adoption of Technology in Cities -- Maturity Model for Cognitive Cities: Three Case Studies -- Cognitive Cities, Big Data and Citizen Participation: The Essentials of Privacy and Security -- Towards the Improvement of Citizen Communication through Computational Intelligence -- Digital Personal Assistant for Cognitive Cities: A Paper Prototype -- Verbalization of Dependencies Between Concepts Built Through Fuzzy Cognitive Maps -- Cognitive Cities: The Nairobi Case -- Innovative Urban Governance: A Game Oriented Approach to Influencing Energy Behavior -- Diversity Measures for Smart Cities.

Sommario/riassunto

This book introduces the readers to the new concept of cognitive cities. It demonstrates why cities need to become cognitive and why therefore a concept of cognitive city is needed. It highlights the main building blocks of cognitive cities and illustrates the concept by various cases. Following a concise introductory chapter the book features nine chapters illustrating various aspects and dimensions of cognitive cities. The logic of its structure proceeds from more general considerations to more specific illustrations. All chapters offer a comprehensive view of the different research endeavours about cognitive cities and will help pave the way for this new and innovative approach to governing cities in the future. .

2. Record Nr.

UNINA9910483544703321

Titolo

Advances in Computer Science - ASIAN 2005. Data Management on the Web : 10th Asian Computing Science Conference, Kunming, China, December 7-9, 2005, Proceedings // edited by Stephane Grumbach, Liying Sui, Victor Vianu

Pubbl/distr/stampa

Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2005

ISBN

3-540-30767-2

Edizione

[1st ed. 2005.]

Descrizione fisica

1 online resource (XIV, 296 p.)

Collana

Theoretical Computer Science and General Issues, , 2512-2029 ; ; 3818

Disciplina

004

Soggetti

Computer science
Database management
Information storage and retrieval systems
Application software
Computer networks
Artificial intelligence
Theory of Computation
Database Management
Information Storage and Retrieval
Computer and Information Systems Applications
Computer Communication Networks
Artificial Intelligence

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico**Note generali****Nota di bibliografia****Nota di contenuto****Monografia****Bibliographic Level Mode of Issuance: Monograph**

Includes bibliographical references and index.

Invited Contributions -- Towards a Unified Model for Web Services
Composition -- Peer-to-Peer Data Integration with Active XML --
Query Incentive Networks -- Database and Information Retrieval
Techniques for XML -- Regular Contributions -- Implementing a
Tamper-Evident Database System -- Ontology Engineering from a
Database Perspective -- Retracted: Shared Ontology for Pervasive
Computing -- Practical Ontology Systems for Enterprise Application --
Multi-labeled Graph Matching – An algorithm Model for Schema
Matching -- Dynamic Hybrid DVE Architecture -- ACB-R: An Adaptive
Clustering-Based Data Replication Algorithm on a P2P Data-Store --
TOP-k Query Calculation in Peer-to-Peer Networks -- An Optimistic
Fair Protocol for P2P Chained Transaction -- A Practical Approach to
Automatic Parameter-Tuning of Web Servers -- Media-Based
Presentation with Personalization in a Web-Based eLearning System --
Searching Patterns in Digital Image Databases -- DualRank: A Dual-
Phase Algorithm for Optimal Profit Mining in Retailing Market --
Efficient Evaluation of Sibling Relationship in XPath Queries -- Practical
Indexing XML Document for Twig Query -- Efficient Stream
Organization for Wireless Broadcasting of XML Data -- Using Control
Theory to Guide Load Shedding in Medical Data Stream Management
System -- Short Papers -- A New Active DDoS Defense System Based
on Automatic Learning -- An Equity-Based and Cell-Based Spatial
Object Fusion Method -- Research on the Similarity of Constraint
Driven Semantic Web Services -- Schema Homomorphism – An
Algebraic Framework for Schema Matching -- Dynamic Geospatial Web
Services Composition in Peer-to-Peer Networks -- An Approach for
Service Discovery Based on Semantic Peer-to-Peer -- Security Concerns
for Web Services and Applications -- Modeling Web Services Based on
the Bayesian Network -- QoS-Driven Composite Web Services Selection
-- Cubing Web Data Based on Multidimensional Arrays -- Mining
Correlations Between Multi-streams Based on Haar Wavelet -- Parallel
Learning of Bayesian Networks Based on Ordering of Sets -- A Grid
Clustering Algorithm Based on Reference and Density -- Systematic
Study on Query Expansion -- Relational to XML Schema Conversion
with Constraints -- An Extended Mandatory Access Control Model for
XML -- A Query Processing Approach Based on Window Semantics in
Data Stream System -- A Hybrid Method for Detecting Data Stream
Changes with Complex Semantics in Intensive Care Unit -- Three-Level
Schema Model in a Web Data Engine -- Resource Integration
Framework of Logistics Resource Grid -- General Consistency
Management Within the Development of Ontology-Driven Web
Information System -- Erratum: Shared Ontology for Pervasive
Computing.

Sommario/riassunto

The series of annual Asian Computing Science Conferences (ASIAN) was initiated in 1995 by AIT, INRIA and UNU/IIST to provide a forum for researchers in computer science from the Asian region and to promote interaction with - searchers from other regions. The ?rst nine conferences were held respectively in Bangkok, Singapore, Katmandu, Manila, Phuket, Penang, Hanoi, Mumbai and Chiang Mai. The 10th ASIAN conference was held in Kunming, China, December 7-9, 2005. Each year, the conference focuses on a di?erent theme at the cutting edge of computer science research. The theme of ASIAN 2005 was data management on the Web. Four distinguished speakers were invited to the conference: M- iano Consens (University of Toronto), Richard Hull

(Bell Laboratories, Lucent Technologies), Tova Milo (Tel Aviv University) and Prabhakar Raghavan (Yahoo Research and Stanford University). This year, 91 papers were submitted from 11 countries. The Program Committee selected 17 regular papers and 21 short papers. This volume contains the papers based on the invited talks, the regular papers, and the short papers. We wish to thank the Program Committee and the external referees for their work in selecting the contributed papers.
