

1. Record Nr.	UNINA9910784246103321
Titolo	Global data management [[electronic resource] /] / edited by Roberto Baldoni ... [et al.]
Pubbl/distr/stampa	Amsterdam ; ; Washington, D.C., : IOS Press, c2006
ISBN	6610547696 1-280-54769-3 9786610547692 1-4237-9756-6 1-60750-183-X 600-00-0439-7 1-60129-486-7
Descrizione fisica	1 online resource (376 p.)
Collana	Emerging communication : studies in new technologies and practices in communication, , 1566-7677 ; ; v. 8
Altri autori (Persone)	BaldoniRoberto
Disciplina	005.74
Soggetti	Database management Distributed databases
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Title page; Foreword; Preface; Contents; Data Management in Dynamic Networks of Agents; Data Object Storage in Large Scale Distributed Systems; Towards Efficient Complex Data Management Services in Peer-to-Peer Networks; Data Aggregation in Large Scale Distributed Systems; Quality of Service in Publish/Subscribe Middleware; Design and Implementation of Atlas P2P Architecture; Epidemic Dissemination for Probabilistic Data Storage; Data Management in Wireless Sensor Networks; Systematic Design of P2P Technologies for Distributed Systems; Semantic Interoperability in the Large Data Management in Peer-to-Peer Data Integration SystemsBelief Propagation on Uncertain Schema Mappings in Peer Data Management Systems; Emergent Schema Management for P2P-Based Applications; Pragmatic Distributed Type Interoperability; Applications; Towards Scalability of Similarity Searching; From Web Servers to Ubiquitous Content Delivery; CROSSFLUX: An Architecture for Peer-to-Peer Media

Sommario/riassunto

Some researcher has created the vision of the 'data utility' as a key enabler towards ubiquitous and pervasive computing. Decentralization and replication would be the approach to make it resistant against security attacks. This book presents an organic view on the research and technologies, which bring us towards the realization of the vision.
