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Nota di contenuto	Query Languages and Information Retrieval -- An Automatic Video Text Detection, Localization and Extraction Approach -- Towards an MPEG-7 Query Language -- Characterizing Multimedia Objects through Multimodal Content Analysis and Fuzzy Fingerprints -- VeXQuery: An

XQuery Extension for MPEG-7 Vector-Based Feature Query -- Towards a Flexible Query Language -- Annotate, Query and Design Multimedia Documents by Metadata -- Shifting Predicates to Inner Sub-expressions for XQuery Optimization -- Multimedia Databases and Systems -- AIRSTD: An Approach for Indexing and Retrieving Spatio-Temporal Data -- A Bridge between Document Management System and Geographical Information System -- A New Digital Notary System -- QFCP: A Router-Assisted Congestion Control Mechanism for Heterogeneous Networks (Extended) -- Formalization of Multimodal Languages in Pervasive Computing Paradigm -- Generation of Spatial Decision Alternatives Based on a Planar Subdivision of the Study Area -- Distributed Architectures and Applications -- Market-Based Adaptive Discussion Forums -- Keyword Enhanced Web Structure Mining for Business Intelligence -- Modeling Multi-agent System of Management Road Transport: Tasks Planning and Negotiation -- An Agent-Based Organizational Model for Cooperative Information Gathering -- A Dynamic Grid Scheduler with a Resource Selection Policy -- DHT-Based Self-adapting Replication Protocol for Achieving High Data Availability -- Semantic Interoperability and Emerging Semantics -- A Hierarchical n-Grams Extraction Approach for Classification Problem -- Extension of Schema Matching Platform ASMADE to Constraints and Mapping Expression -- An Ontology Based Method for Normalisation of Multidimensional Terminology -- Semantic and Conceptual Context-Aware Information Retrieval -- A Multi-representation Ontology for the Specification of Multi-context Requirements -- Web Engineering and Services -- Scalability of Source Identification in Data Integration Systems -- Semantic Annotation of Web Pages Using Web Patterns -- Towards Formal Interfaces for Web Services with Transactions -- Extracting the Latent Hierarchical Structure of Web Documents -- CBR Method for Web Service Composition -- Web Semantics and Semi Structured Data -- Binding Structural Properties to Node and Path Constraints in XML Path Retrieval -- A Comparison of XML-Based Temporal Models -- An Adaptation Approach: Query Enrichment by User Profile -- Extending SOA with Semantic Mediators.

| Sommario/riassunto | This book constitutes the thoroughly refereed post-conference proceedings of the Second International Conference on on Signal-Image Technology and Internet-Based Systems, SITIS 2006, held in Hammamet, Tunisia, in December, 2006. The 33 full papers were carefully reviewed and selected from the best papers presented at the conference and are presented in revised and extended form. Part of the papers focus on the emerging modeling, representation and retrieval techniques that take into account the amount, type and diversity of information accessible in distributed computing environment. Other contributions are devoted to emerging and novel concepts, architectures and methodologies for creating an interconnected world in which information can be exchanged easily, tasks can be processed collaboratively, and communities of users with similarly interests can be formed while addressing security threats that are present more than ever before. |