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Nota di contenuto	Title page; Contents; Foreword; Editors and contributors; 1 Digital libraries and information access: introduction; Introduction; What is a digital library?; Research in digital libraries; Information access in digital libraries; About this book; Summary; References; 2 The design and architecture of digital libraries; Introduction; Core design considerations; Digital library systems; Central vs distributed architectures; Examples of distributed architectures; Scalability; Compute clusters; Cloud/utility computing; Volunteer thinking/crowdsourcing; Scalable storage; SimplyCT Research challenges and trends in DLS architectureSummary; Notes; References; 3 Metadata and crowdsourced data for access and interaction in digital library user interfaces; Introduction; Metadata: definition, types and standards; Digital library user interfaces; Social networking and crowdsourcing; Methodology; Discussion; Summary; Notes; References; 4 Information access; Introduction; Information access and digital libraries; Sample digital libraries; Information access in digital libraries: content issues; Information access in digital libraries: user issues Information access in digital libraries: interface and access featuresSome emerging research directions; Summary; References; 5 Collaborative search and retrieval in digital libraries; Introduction; Collaboration in information seeking; Collaborative querying;

Collaborative filtering; Collaborative tagging; Summary; References; 6 The social element of digital libraries; Introduction; Digital libraries as an ecosystem; Web 2.0 and its impacts on information access in digital libraries; Challenges and pitfalls; Summary; References; 7 Towards socially inclusive digital libraries; Introduction  
OverviewBarriers to and roles of DLs; Initiatives towards overcoming social exclusion; Summary; Note; References; 8 Users' interactions with digital libraries; Introduction; Methods and scope of this study; Lines of research in user studies; Research methods for interaction studies; Models of user information behaviour in digital libraries; Summary; Notes; References; 9 Digital libraries and scholarly information: technology, market, users and usage; Introduction; Electronic publishing; Access to digital material; Emerging trends and new opportunities; Conclusion; References  
10 Digital libraries and open accessIntroduction; Open archives; The Open Access Initiative; Institutional repositories; Cloud computing and open access; The future of open access digital libraries; Conclusion; References; 11 iSTEM: integrating subject categories from multiple repositories; Introduction; Background: ontology integration; The iSTEM project: objectives and repositories; The iSTEM project: learning category relationships and developing integration operations and processes; Conclusion; References; 12 The usability of digital libraries; Introduction; Usability  
Usability studies of digital libraries

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Sommario/riassunto

An authoritative and truly global exploration of current research in digital libraries and information access by internationally renowned academics.

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