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Autore	Crestani Fabio
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Soggetti	Information storage and retrieval Natural language processing (Computer science) User interfaces (Computer systems) Mobile computing Information Storage and Retrieval Natural Language Processing (NLP) User Interfaces and Human Computer Interaction Mobile Computing
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	1 Introduction -- 2 From IR to Mobile IR -- 3 Foundations -- 4 Documents -- 5 Users and Information Needs -- 6 User Interface -- 7 Context Awareness -- 8 Evaluation -- 9 Conclusions and Outlook.
Sommario/riassunto	This book offers a helpful starting point in the scattered, rich, and complex body of literature on Mobile Information Retrieval (Mobile IR), reviewing more than 200 papers in nine chapters. Highlighting the most interesting and influential contributions that have appeared in recent years, it particularly focuses on both user interaction and techniques for the perception and use of context, which, taken together, shape much of today's research on Mobile IR. The book starts by addressing the differences between IR and Mobile IR, while also reviewing the foundations of Mobile IR research. It then examines the different kinds of documents, users, and information needs that can be found in Mobile IR, and which set it apart from standard IR. Next, it discusses the two important issues of user interfaces and context-

awareness. In closing, it covers issues related to the evaluation of Mobile IR applications. Overall, the book offers a valuable tool, helping new and veteran researchers alike to navigate this exciting and highly dynamic area of research.

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