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Edizione	[1st ed.]
Descrizione fisica	1 online resource (289 p.)
Collana	Chapman & Hall/CRC computer and information science series
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Soggetti	Location-based services Information services
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front cover; Preface; Dedication; List of Figures; List of Tables; Contents; Acronyms; Chapter 1. Introduction; Chapter 2. The Mobile Phone; Chapter 3. The Java Platform Micro Edition (Java ME); Chapter 4. MIDlet Development; Chapter 5. Other Important Programming Aspects; Chapter 6. Obtaining the User's Position; Chapter 7. Storing and Retrieving the Data: The Database; Chapter 8. Sending and Receiving Data: Communications; Chapter 9. Java ME Web Services; Chapter 10. System Administration; Chapter 11. Data Visualization; Chapter 12. Processing the Data Appendix A. Installing the Software Development Environments (SDE) Bibliography; Index; Back cover
Sommario/riassunto	The book provides a comprehensive introduction to developing location-based information systems based on GPS-enabled cellular phones. It describes all of the components needed to develop a location-based information system and provides readers with the opportunity to build an example application. Chapters cover obtaining

a user's location, storing and retrieving data, communicating over a network, Java ME Web services, and visualizing data. In the theoretical chapters, the authors address location provider architectures, the hardware and software architecture of a mobile phone, the Java ME platform, and other important programming aspects for mobile phones--
