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Descrizione fisica	1 online resource (377 pages)
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Part I Why and What? -- Wireless Localization -- Background and Literature Review -- Part II Theories -- Theoretical Model for RSS Localization -- Theoretical Model for CSI Localization -- Part III Approaches -- RSS Localization for Large-scale Deployment -- CSI Localization for Large-scale Deployment -- Part IV Conclusions -- Research Summary -- Future Work -- Conclusion.
Sommario/riassunto	This book first presents a systematic theoretical study of wireless localization techniques. Then, guided by the theoretical results, the authors provide design approaches for improving the performance of localization systems and making the deployment of the systems more convenient. The book aims to address the following issues: how reliable the wireless localization system can be; how the system can scale up with the number of users to be served; how to make key design decisions in implementing the system; and how to mitigate human efforts in deploying the wireless localization system. The book is relevant for researchers, academics, and students interested in wireless localization technology.