1. Record Nr. UNINA9910784273503321 Autore Sanghera Paul **Titolo** RFID+ Study Guide and Practice Exams [[electronic resource]]: Study Guide and Practice Exams Burlington,: Elsevier Science, 2011 Pubbl/distr/stampa 1-281-79622-0 **ISBN** 9786611796228 0-08-051629-7 Edizione [1st edition] Descrizione fisica 1 online resource (353 p.) Disciplina 621.38411 Radio frequency identification systems Soggetti **Electrical & Computer Engineering Engineering & Applied Sciences Electrical Engineering** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto Front Cover: RFID+ Study Guide and Practice Exam: Copyright Page: Acknowledgments; Dedication; Author; Technical Editor; Author's Acknowledgments; Contents; Foreword; Chapter 1. Physics, Math, and RFID: Mind the Gap; Introduction; Some Bare-Bones Physics Concepts; Understanding Electricity; Understanding Magnetism; Understanding Electromagnetism; The Mathematics of RFID; An Overview of RFID: How It Works: Summary: Chapter 2. The Physics of RFID: Introduction: Understanding Radio Frequency Communication; Understanding Modulation Types; RFID Communication Techniques Understanding Performance Characteristics of an RFID SystemPerforming Antenna Power Calculations; The Travel Adventures of RF Waves; Summary; Exam's Eye View; Key Terms; Self Test; Self Test Quick Answer Key; Chapter 3. Working with RFID Tags; Introduction; Understanding Tags; Operating Tag Frequencies; Understanding Tag Types; Tag Classification; Read Ranges of Tags; Labeling and Placing a

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Sommario/riassunto

Radio Frequency Identification (RFID) is an automatic identification method, relying on storing and remotely retrieving data using devices called RFID tags (also called transponders). This book is a guide to CompTIA's new RFID+ Security exam and includes the following study elements: Exam objectives covered in a chapter are clearly explained in the beginning of the chapter, Notes and Alerts highlight the crucial points, Exam's Eye View emphasizes the important points from the exam's perspective, Key Terms present definitions, Review Questions contain questions modeled after the real ex