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Nota di contenuto	Front Cover; Contents; Preface; Editor; Contributors; Chapter 1: Coupling of Electromagnetic Fields into Biological Systems; Chapter 2: Pulsed Electric Fields in Biological Cells and Membranes; Chapter 3: Static, Low-Frequency, and Pulsed Magnetic Fields in Biological Systems; Chapter 5: Mobile Communication Fields in Biological Systems; Chapter 6: Medical Devices and Systems Exposure and Dosimetry; Chapter 7: Terahertz Radiation:: Sources, Applications, and Biological Effects; Back Cover
Sommario/riassunto	Focusing on exposure, induced fields, and absorbed energy, this volume covers the interaction of electromagnetic fields and waves with biological systems, spanning static fields to terahertz waves. Presenting a broad range of topics, the book highlights relevant properties of biological materials and computational techniques and/or experimental methods. Topics discussed include medical devices and systems exposure and dosimetry and mobile communication fields in biological

systems. Extensive references are included in each chapter to enhance additional study--Provided by publisher.