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Nota di contenuto	""Cover""; ""Table of Contents""; ""Preface""; ""1. Power Transfer by Magnetic Induction Studied by Coupled Mode Theory""; ""2. Wireless Power Transfer with Strongly Coupled Magnetic Resonance""; ""3. Low Power Rectenna Systems for Wireless Energy Transfer""; ""4. Inductive Wireless Power Transfer Using Circuit Theory""; ""5. Magnetic Resonant Wireless Power Transfer""; ""6. Techniques for Optimal Wireless Power Transfer Systems""; ""7. Technology Overview and Concept of Wireless Charging Systems""; ""8. Wireless Power Transfer in On-Line Electric Vehicle"" ""9. Wireless Powering and Propagation of Radio Frequencies through Tissue""""""10. Microwave Propagation and Inductive Energy Coupling in Biological Skin for Body Area Network Channels""; ""Annex I: Solutions to Problems""; ""Index""; ""About the Editor""; ""RIVER PUBLISHERS SERIES IN COMMUNICATIONS""
Sommario/riassunto	The book is an excellent foundation for applying wireless energy transfer technologies in most fields including transportation, communication, home automation, biomedical systems and home appliances.