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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface -- 1. Electromagnetics behind Shielding -- 2. Shielding Materials -- 3. Figures of Merit for Shielding Configurations -- 4. Shielding Effectiveness of Stratified Media -- 5. Numerical Methods for Shielding Analyses -- 6. Apertures in Planar Metal Screens -- 7. Enclosures -- 8. Cable Shielding -- 9. Components and Installation Guidelines -- 10. Frequency Selective Surfaces -- 11. Shielding Design Guidelines -- 12. Uncommon Ways to Shielding -- Appendix A. Electrostatic Shielding -- Appendix B. Magnetic Shielding -- Appendix C. Standards and Measurement Methods -- Index.
Sommario/riassunto	The definitive reference on electromagnetic shielding materials, configurations, approaches, and analyses This reference provides a comprehensive survey of options for the reduction of the electromagnetic field levels in prescribed areas. After an introduction and an overview of available materials, it discusses figures of merit for shielding configurations, the shielding effectiveness of stratified media, numerical methods for shielding analyses, apertures in planar metal screens, enclosures, and cable shielding. Up to date and

comprehensive, Electromagnetic Shielding: . Explores new and innovative techniques in electromagnetic shielding. Presents a critical approach to electromagnetic shielding that highlights the limits of formulations based on plane-wave sources. Analyzes aspects not normally considered in electromagnetic shielding, such as the effects of the content of the shielding enclosures. Includes references at the end of each chapter to facilitate further study The last three chapters discuss frequency-selective shielding, shielding design procedures, and uncommon ways of shielding--areas ripe for further research. This is an authoritative, hands-on resource for practicing telecommunications and electrical engineers, as well as researchers in industry and academia who are involved in the design and analysis of electromagnetic shielding structures.