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Nota di contenuto	Contents; Part I: Classical Magnetism; Part II: Magnetism of Atoms; Part III: Magnetic Ordering; Part IV: Magnetic Behavior and Structure of Materials; Part V: Magnetic Anisotropy and Magnetostriction; Part VI: Domain Structures; Part VII: Magnetization Processes; Part VIII: Associated Phenomena and Engineering Applications; Solutions to problems; Appendix 1. Symbols used in the text; Appendix 2. Conversion of various units of energy; Appendix 3. Important physical constants; Appendix 4. Periodic table of elements and magnetic elements Appendix 5. Conversion of magnetic quantities - MKSA and CGS systems Appendix 6. Conversion of various units for magnetic field; Material index; Subject index
Sommario/riassunto	This book is intended as a textbook for students and researchers interested in the physical aspects of ferromagnetism. The level of presentation assumes only a basic knowledge of electromagnetic theory and atomic physics and a general familiarity with rather elementary mathematics. Throughout the book the emphasis is primarily on explanations of physical concepts rather than on rigorous

theoretical treatments which require a background in quantum mechanics and high level mathematics. The purpose of this book is to give a general view of magnetic phenomena, focusing it's main interest at the cen
