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Nota di contenuto	Cover -- Table of Contents -- 1. Vector Analysis -- 2. Electrostatics -- 3. Potentials -- 4. Electric Fields in Matter -- 5. Magnetostatics -- 6. Magnetic Fields in Matter -- 7. Electrodynamics -- 8. Conservation Laws -- 9. Electromagnetic Waves -- 10. Radiation -- 11. Electrodynamics and Relativity -- 12. Potentials and Fields -- Appendix: The Helmholtz Theorem -- Appendix: Units -- Endpapers -- Index.
Sommario/riassunto	For junior/senior-level electricity and magnetism courses. This book is known for its clear, concise, and accessible coverage of standard topics in a logical and pedagogically sound order. The highly polished Fourth Edition features a clear, easy-to-understand treatment of the fundamentals of electromagnetic theory, providing a sound platform for the exploration of related applications (AC circuits, antennas, transmission lines, plasmas, optics, etc.). Its lean and focused approach employs numerous new examples and problems.