



## Introduction to Electrodynamics, 4th Edition

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By David J. Griffiths

New Delhi. Paper back. Book Condition: New. International Edition. This book, known for its clear, concise, and accessible coverage of standard topics in a logical and pedagogically sound order, has been thoroughly revised. The new edition features an 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.-----New to This Edition----- New problems and new worked examples appear throughout the book.----- Figures have been reviewed for accuracy and updated where necessary.----- A new section on magnetic work. ----- Erroneous passages have been corrected.----- Citations of recent literature appear throughout the book.-----

-Table of Contents: Preface. Advertisement. 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. Potentials and Fields. 11. Radiation. 12. Electrodynamics and Relativity. ----- A: Vector Calculus in Curvilinear Coordinates----A.1 Introduction. A.2 Notation. A.3 Gradient. A.4 Divergence. A.5 Curl. A.6 Laplacian. -----B: The Helmholtz Theorem. -----C: Units. Index. Page Extent: 628. Territorial Restrictions maybe printed on the book. 'This is an international edition'. 0.



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