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## Fundamentals of Physics

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By Alan Giambattista, Betty McCarthy Richardson, Robert C Richardson

Tata McGraw-Hill Education Pvt. Ltd 0. Softcover. Book Condition: New. First edition. The book is for an introductory UG course in Physics. It deals with almost all fundamental aspects of various branches of physics i.e. mechanics, electromagnetism, waves, optics, thermal physics, atomic physics, quantum physics, nuclear & particle physics. Taking algebraic and trigonometric based approach; this text is a perfect blend of conceptual understanding and analytical aid. Strong in-text pedagogy is designed for the beginning student supported with numerous figures, solved examples and practice sets. Informal motivation of concepts lays groundwork for better comprehension. Can motivate the introductory level students for adopting lifetime physics. Key features Organization Content is organized broadly with chapters grouped on logical presentation of concepts i.e. Mechanics, Thermal Physics, Electromagnetism, Waves & Optics, Quantum & Particle Physics and Relativity. 1450 illustrations strengthen the conceptual presentation. Presentation Key concepts and quantities have been introduced in an informal & intuitive way. Conversational tone has been followed throughout. The book is pleasant to read, informative, and accurate without seeming threatening, and filled with analogies that make abstract concepts easier to grasp. Jargons have been avoided. Table of Contents List of Selected Applications Preface To the Student Acknowledgement Chapter 1:...

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