



# Fundamentals of Physics: Mechanics, Relativity, and Thermodynamics

By Ramamurti Shankar

Yale University Press, United States, 2014. Paperback. Book Condition: New. 234 x 155 mm. Language: English . Brand New Book. Professor R. Shankar, a well-known physicist and contagiously enthusiastic educator, was among the first to offer a course through the innovative Open Yale Course program. His popular online video lectures on introductory physics have been viewed over a million times. In this concise and self-contained book based on his online Yale course, Shankar explains the fundamental concepts of physics from Galileo's and Newton's discoveries to the twentieth-century's revolutionary ideas on relativity and quantum mechanics. The book begins at the simplest level, develops the basics, and reinforces fundamentals, ensuring a solid foundation in the principles and methods of physics. It provides an ideal introduction for college-level students of physics, chemistry, and engineering, for motivated AP Physics students, and for general readers interested in advances in the sciences. Instructor resources--including problem sets and sample examinations--and more information about Professor Shankar's course are available at.



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