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The Feynman Lectures On Physics: Volume 1, Quantum Mechanics



Synopsis

For more than 30 years, Richard P. Feynman's three-volume Lectures on Physics has been known worldwide as the classic resource for students and professionals alike. Ranging from the most basic principles of Newtonian physics through such formidable theories as Einstein's general relativity, superconductivity, and quantum mechanics, Feynman's lectures stand as a monument of clear exposition and deep insight. This timeless audio serves as a comprehensive library of essential physics by a legend in science. Volume 1 makes up a beginning course in Quantum Mechanics and includes chapters on basic physics, quantum behavior, the relationship between the wave and particle viewpoints, probability amplitudes, and spin one and spin one-half particles.

Book Information

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Customer Reviews

This is a review of the AUDIO BOOK ON TAPE - despite 's placement of this review on the printed book web-page. Here's what you get: Six hours of Feynman lecturing (in his characteristic idiosyncratic demeanor) to freshman & sophomore undergraduate students at Caltech during the first few years of 1960. I was born about 30 miles away from the CALTECH campus in the same year he was giving some of these lectures. It is decidedly pleasant to listen to the obvious delight this brilliant man has for teaching. For example, his voice rises and falls in tempo, volume and pitch whenever gets enthusiastic about the wonderful knowledge he knows he is passing on to you, the student. Once in a while he chuckles at his own occasional mistakes and inside jokes. Sometimes he takes great pains to apologize for the incomprehensibility of historically "Old School" conventions in scientific notation & units. This will lead you to believe in his sincere sympathy for being on the receiving side of this detailed, if not convoluted, sea of information. Once in a while he will make an

admission that he doesn't know it all - a humble trait I find charming. Nonetheless, his enthusiasm is contagious and you will feel blessed to have heard his original approach to such literally wonderful subjects. Back to what it is that you get in these recorded audio lectures. The audio volume contains six cassettes, each of which is one classroom hour long. There is absolutely no audio editing of the background noise however the publisher announces the date, lecture title, and where each chapter subsection begins. It is interesting to hear the background noise of the students when they file in and out of the lecture hall and towards the end of each lecture.

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