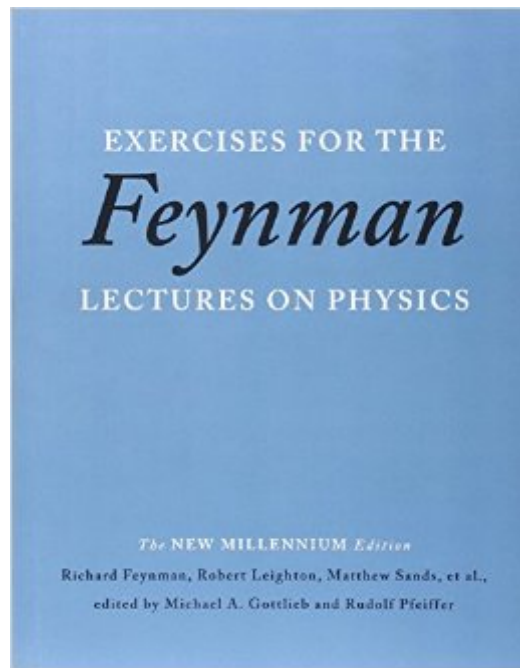


The book was found

# Exercises For The Feynman Lectures On Physics



## Synopsis

Combined into one volume for the first time, the updated and clarified Exercises for the Feynman Lectures on Physics provides comprehensive, hands-on practice in all the most important areas of physics—from Newtonian mechanics through the theory of relativity and quantum mechanics. A perfect complement to The Feynman Lectures on Physics, these exercises have all been assigned in Caltech's mandatory two-year introductory physics course, either when Richard Feynman was teaching it, or during the nearly two decades that followed when The Feynman Lectures on Physics was used as the textbook. With this modern, easy-to-use volume, students of physics will have a chance to apply what they have learned in the Lectures and to enhance and reinforce the concepts taught by the inimitable Richard Feynman.

## Book Information

Paperback: 320 pages

Publisher: Basic Books; New Millennium ed. edition (August 5, 2014)

Language: English

ISBN-10: 0465060714

ISBN-13: 978-0465060719

Product Dimensions: 0.5 x 8.5 x 11 inches

Shipping Weight: 1.6 pounds (View shipping rates and policies)

Average Customer Review: 4.5 out of 5 stars [See all reviews](#) (24 customer reviews)

Best Sellers Rank: #49,344 in Books (See Top 100 in Books) #28 in [Books > Science & Math > Reference](#) #65 in [Books > Science & Math > Science for Kids](#) #127 in [Books > Textbooks > Science & Mathematics > Physics](#)

## Customer Reviews

For fifty years now, physics students and mature physicists have cherished a copy of the Feynman lectures on their bookshelves as a resource to be used when they wanted to go back and see a clear, elementary exposition of a difficult idea, without wading through a more advanced treatment in a graduate text, where the fundamentals would be obscured by too much generality and mathematics. What the lectures have been useless for, however, has been their purported original purpose of teaching undergraduates. There are many reasons that nobody uses the Feynman lectures as a text for a freshman physics class, but one of them has always been that the book didn't contain end-of-chapter homework problems that could be used to practice the techniques demonstrated in the text. You might think that this would be no big deal, because one could just use

problems from another book. But that would be difficult because the Feynman lectures use an idiosyncratic order of topics. For example, there is a sophisticated treatment of diffraction, polarization, and antennas that comes long before any description of how to light up a light bulb with a battery. Also, the Feynman lectures introduce a lot of sophisticated techniques, such as the use of complex numbers to describe waves, and it's not necessarily easy to find a source of problems that provide practice in these techniques while hewing to a more or less freshman level of physics. This book is meant to provide the long-needed problem sets. It seems usable for its intended purpose, but I have a number of reservations. Like the Feynman lectures itself, this book is a little lumpy and uneven.

[Download to continue reading...](#)

Feynman Lectures Simplified 4A: Math for Physicists (Everyone's Guide to the Feynman Lectures on Physics Book 12) Exercises for the Feynman Lectures on Physics Memory Exercises: Memory Exercises Unleashed: Top 12 Memory Exercises To Remember Work And Life In 24 Hours With The Definitive Memory Exercises Guide! (memory exercises, memory, brain training) LECTURES ON QED AND QCD: PRACTICAL CALCULATION AND RENORMALIZATION OF ONE- AND MULTI-LOOP FEYNMAN DIAGRAMS Pilates and Bodyweight Exercises: 2-in-1 Fitness Box Set: Shred Fat, Look Great (Pilates Exercises, Bodyweight Exercises, Fitness Program, HIIT Program, ... Muscle Building, Lean Body, Total Fitness) Surely You're Joking, Mr. Feynman! (Adventures of a Curious Character) Lectures on Antitrust Economics (Cairoli Lectures) The Birth of Biopolitics: Lectures at the Collège de France, 1978-1979 (Lectures at the Collège de France) The Government of Self and Others: Lectures at the Collège de France, 1982-1983 (Lectures at the Collège de France) Lectures on the Will to Know (Michel Foucault, Lectures at the Collège de France) Security, Territory, Population: Lectures at the Collège de France, 1977 - 78 (Michel Foucault, Lectures at the Collège de France) The Solid State: An Introduction to the Physics of Crystals for Students of Physics, Materials Science, and Engineering (Oxford Physics Series) Geometrical Vectors (Chicago Lectures in Physics) Lectures On Phase Transitions And The Renormalization Group (Frontiers in Physics) Protein Physics, Second Edition: A Course of Lectures (Soft Condensed Matter, Complex Fluids and Biomaterials) 100 CAD Exercises - Learn by Practicing!: Learn to design 2D and 3D Models by Practicing with these 100 CAD Exercises! Kegel Exercises for Men: PC Muscle Exercises to Improve Sexual Health & Performance Exercises for the Brain and Memory : 70 Neurobic Exercises & FUN Puzzles to Increase Mental Fitness & Boost Your Brain Juice Today (With Crossword Puzzles) Practice Makes Perfect Basic English, Second Edition: (Beginner) 250 Exercises + 40 Audio Pronunciation Exercises (Practice Makes Perfect Series)

LIVING THE LAW OF ATTRACTION - 40 PRACTICAL EXERCISES: Daily Exercises To Attract  
Anything You Want Into Your Life

[Dmca](#)