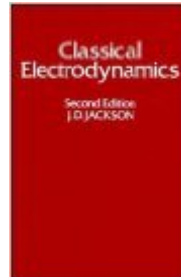


The book was found

Classical Electrodynamics, 2nd Edition



Synopsis

This edition refines and improves the first edition. It treats the present experimental limits on the mass of photon and the status of linear superposition, and introduces many other innovations.

Book Information

Hardcover: 880 pages

Publisher: Wiley; 2 edition (October 3, 1975)

Language: English

ISBN-10: 047143132X

ISBN-13: 978-0471431329

Product Dimensions: 6.4 x 1.8 x 9.3 inches

Shipping Weight: 2.8 pounds

Average Customer Review: 4.2 out of 5 stars [See all reviews](#) (21 customer reviews)

Best Sellers Rank: #109,041 in Books (See Top 100 in Books) #43 in [Books > Science & Math > Physics > Electromagnetism > Electricity](#) #304 in [Books > Textbooks > Science & Mathematics > Physics](#) #421 in [Books > Engineering & Transportation > Engineering > Electrical & Electronics](#)

Customer Reviews

This is the best physics book I have ever studied, and absolutely indispensable to anyone who has to solve real-world problems in electrodynamics! Jackson's treatment of physics is elegant and crystal-clear throughout, and he generously includes material on Legendre functions, spherical harmonics, etc. that undergraduates may not have been exposed to. However, when it comes to the mathematical verifications needed to read the book with understanding, he doesn't hold your hand. This is as it should be! Physics is not the same as mathematics, but the latter is an essential tool that every physicist must master. If you go through the book conscientiously checking and deriving all the equations, you'll end up filling a large notebook (amazingly, I didn't find any errors -- this book is rock-solid reliable). But the great thing is, you'll never have to do this again! Then you can reread Jackson without getting snowed under by what are essentially routine, but sometimes tedious, mathematical verifications; and you'll be free to savor the physics and really appreciate how great the book is. If you want some worked problems, look at The Classical Theory of Fields in the Landau-Lifshitz series. At the end of each chapter in Jackson there are excellent problems that will test your understanding. The negative reviews of Jackson can only indicate a problem with how physics is taught in graduate school. Jackson's book has to be read carefully at least twice, and preferably N times; perhaps this is too much to expect from harassed graduate students in physics.

I'm a mathematician by training and was able to study Jackson's book on my own and enjoy it without being rushed for time or having to worry about being tested.

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

Classical Electrodynamics, 2nd Edition Classical Electrodynamics Third Edition Electrodynamics and Classical Theory of Fields and Particles (Dover Books on Physics) Introduction to Electrodynamics, 4th Edition Modern Electrodynamics The Vintage Guide to Classical Music: An Indispensable Guide for Understanding and Enjoying Classical Music Ancient Geography: The Discovery of the World in Classical Greece and Rome (Library of Classical Studies) Classical Trios for All (From the Baroque to the 20th Century): Trombone, Baritone B.C., Bassoon, Tuba (Classical Instrumental Ensembles for All) Classical Duets for All (From the Baroque to the 20th Century): Trombone, Baritone B.C., Bassoon, Tuba (Classical Instrumental Ensembles for All) Classical Music 101: A Complete Guide to Learning and Loving Classical Music Classical Sheet Music For French Horn With French Horn & Piano Duets Book 1: Ten Easy Classical Sheet Music Pieces For Solo French Horn & French Horn/Piano Duets (Volume 1) Classical Jazz Rags & Blues, Bk 1: 10 Classical Melodies Arranged in Jazz Styles for Early Intermediate Pianists The Story of the World: History for the Classical Child, Vol. 3: Early Modern Times, 2nd Edition (9 CDs) Classical Hits for Treble Recorders: With Additional 2nd Part Learning the Korn Shell (2nd Edition) 2nd (second) Edition by Robbins, Arnold, Rosenblatt, Bill (2002) Testing Computer Software, 2nd Edition by Kaner, Cem, Falk, Jack, Nguyen, Hung Q. 2nd (second) edition [Paperback(1999)] Murach's Java Servlets and JSP, 2nd Edition by Andrea Steelman, Joel Murach 2nd (second) edition [Paperback(2008)] The Wonderful World of Horses - 2nd Edition - Adult Coloring / Colouring book: Beautiful Horses to Color - 2nd Edition with revised and additional illustrations Wordly Wise 3000 Grade K - 2nd Edition (Wordly Wise 3000 2nd Edition) The Internet Kids & Family Yellow Pages (2nd Ed) / The Internet Kids and Family Yellow Pages (2nd Ed)

[Dmca](#)