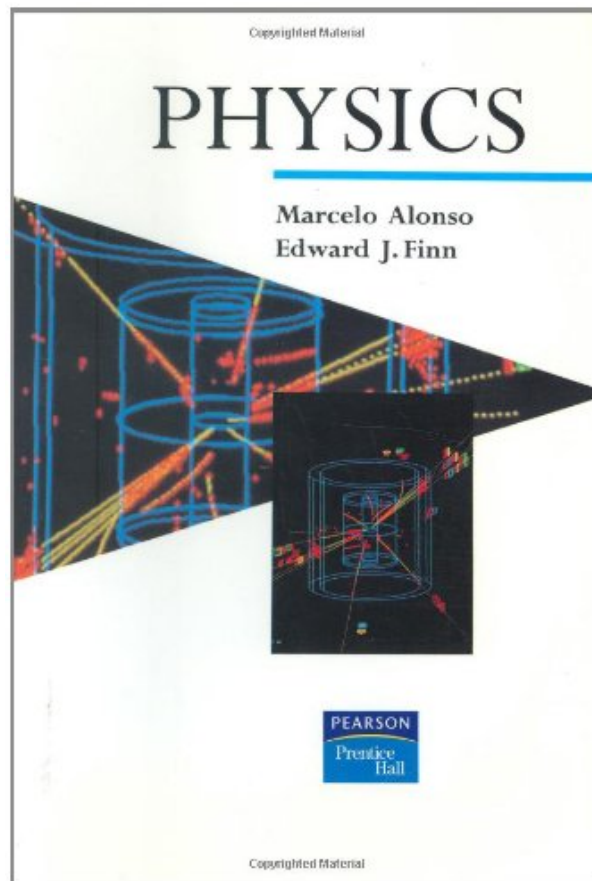


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- Published on: 1992-05-31
- Original language: English
- Number of items: 1
- Dimensions: 9.18" h x 2.13" w x 6.74" l, 4.05 pounds
- Binding: Paperback
- 1156 pages

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A vigorous Physics Treatise without glossy pictures

By A Customer

As Physics should be! Alonso and Finn provide a vigorous treatise of the subject with a great deal of calculus. That is not necessarily bad as--contrary to the belief of fresher students--physics is about mathematics. Alonso and Finn's book has certainly made it into the category of Classical Physics Textbooks as much as the "Theory of Relativity" by Albert Einstein. It is ashaming that in the US the book did not seem to get the right credentials, but given the many translations of Alonso and Finn's book into European languages, this side of the Atlantic the book has had a very positive resonance indeed. And just take a look at the very extensive list of reviewers of the book: This list tells the potential buyer of the book that really great minds have been working on it: Professor Tomas Bohr (Copenhagen, Denmark), the late Professor Karl Luchner (Ludwig Maximilian University Munich, Germany), Professor William Poon (University of Edinburgh, Scotland) etc. etc.

All in all a very satisfying book for first year physics students and beyond.

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The Ghost of Physics Past

By Peltio

I bought this book years ago, after having read the three volume edition upon which this single tome is based. Sadly, I have to say that this is only the ghost of what those precious little books were.

On the plus side I appreciated the effort placed in rearranging the material, by letting 'modern physics' just be 'physics'. Perhaps the rearrangement has gone a little too far in electromagnetism, where electrostatics and magnetostatics have each been split in several chapters (interactions, currents, fields), forcing the student to flip back and forward too many times, but all in all it gives a fresher view of the discipline.

But cutting the number of pages to accommodate three volumes in one has had its toll on the book. It has become superficial, basing the explanations by focusing on the most elementary examples only. Only a fraction of the interesting derivations of key results has been retained. What's worse, a lot of stuff (especially from former tomes II and III) has been left out, and even the exercises (that in the three volume edition provided a lot of insight and were designed to guide the student in the -few, well... fewer- derivations of key results that did not find room in the chapters) have been trimmed down.

Following the new way Alonso and Finn (or their publisher?) have chosen to explain physics, let me say that it can be demonstrated that this edition is too watered down to be useful to the serious student. The detailed demonstration, though, goes beyond the scope of this review.

And it's not even left to the reader as an exercise.

If you can find the three volumes of the previous version of this physics course, grab them. *Those* were nice Physics Books (especially the first and third).

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