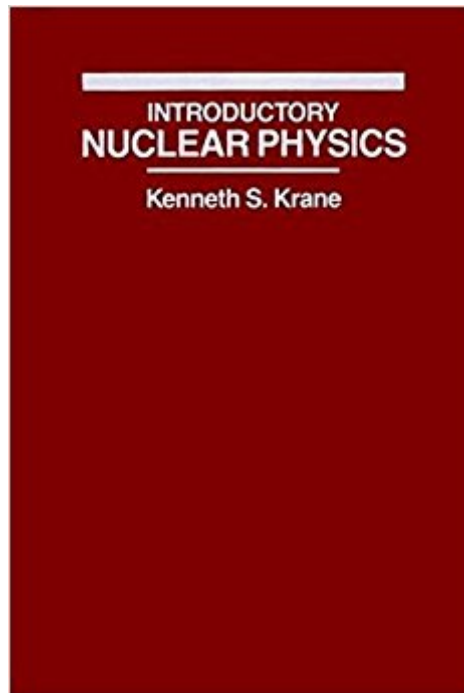




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# Introductory Nuclear Physics



## Synopsis

This comprehensive text provides an introduction to basic nuclear physics, including nuclear decays and reactions and nuclear structure, while covering the essential areas of basic research and practical applications. Its emphasis on phenomenology and the results of real experiments distinguish this from all other texts available. Discussions of theory are reinforced with examples which illustrate and apply the theoretical formalism, thus aiding students in their reading and analysis of current literature. The text is designed to provide a core of material for students with minimal background in mathematics or quantum theory and offers more sophisticated material in separate sections.

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## Customer Reviews

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Just finished a nuclear physics course where we used Krane and got to chapter 11. Overall it is a

very good book and detailed. My biggest problem was with answering some of the questions because often for the rate that the course was going, I would spend too much time trying to determine what the question was asking or wanting. I also dislike that there is no way to check any of your answers other than through your professor. However, great book for the most part, very detailed if not too detailed at some point. It even gives a little quick review of the history in each chapter.

This text was exactly as described. This text is used in many universities in North America. I had an course outline for the course the material covered and the text appeared to cover all learning objectives by looking at the table of contents. Unfortunately my class was cancelled due to lack of participants at enrollment.

Excellent

This book does a great job explaining things so you don't get overwhelmed with equations. A few details are left out, which can be a little confusing, but overall a great book!

good quality

Great information.

This book has been very helpful, and as someone researching nuclear physics in graduate school, I have found this as a necessity. I suggest this book to anyone needing resources in nuclear.

Required for class and it has a good amount of information we cover as well as enough extra for those who learn better on their own.

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