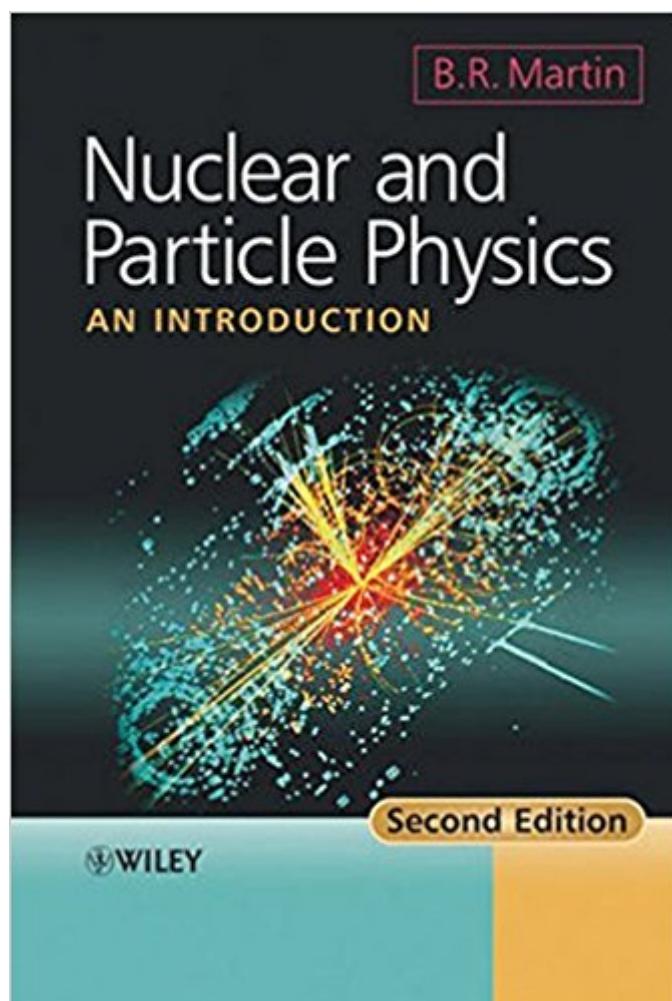


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Nuclear And Particle Physics: An Introduction



Synopsis

An accessible introduction to nuclear and particle physics with equal coverage of both topics, this text covers all the standard topics in particle and nuclear physics thoroughly and provides a few extras, including chapters on experimental methods; applications of nuclear physics including fission, fusion and biomedical applications; and unsolved problems for the future. It includes basic concepts and theory combined with current and future applications. An excellent resource for physics and astronomy undergraduates in higher-level courses, this text also serves well as a general reference for graduate studies.

Book Information

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Customer Reviews

The e-book version is absolutely terrible. It's riddled with typos, inconsistencies, factual errors, and incorrect equations. Completely useless for my class. DO NOT BUY THIS E-BOOK.

This text was great for individual studies since the full answer key/partial solutions are in the back. The text starts a little heavy and detailed, but has great depth and current information.

I've used this book in class and I can say that of course anyone reading it should have a basic background knowledge of the source material (ie it is not a ----for Dummies book). That said it is not an overcrowded subject when it comes to books that could be used and though some of the examples used seem a little dated already it is still quite decent in regards to the overall subject.

I started using the book for students of nuclear physics and I found that the book helps them quite naturally to go from the nuclear matter up, to some extent, into the particle physics field. It has nice chapters dedicated to clear and practical applications of the experimental part of these subjects, giving also some sense of balance, which is nowadays more needed than ever. People ask on why to expend money on these field without noticing the benefits, so the book contributes to shortened the bridge giving to the students extra tools. The final part of the book is also important, it opens the window for outstanding issues, of course this part may become obsolete but it is a good incentive anyway.

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