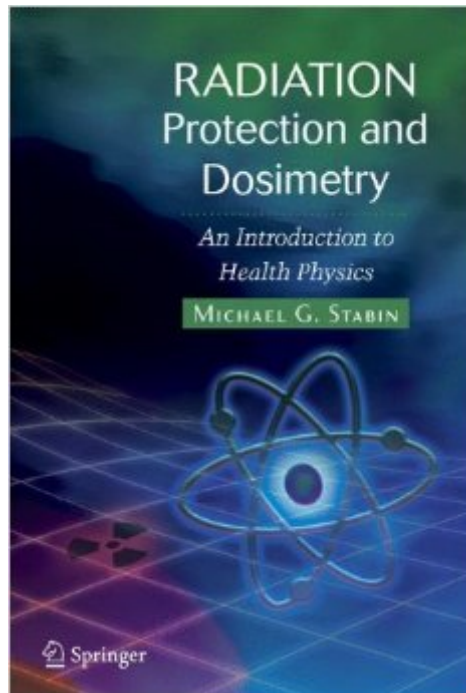


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# Radiation Protection And Dosimetry: An Introduction To Health Physics



## Synopsis

This book provides a comprehensive yet accessible overview of all relevant topics in the field of radiation protection (health physics). The text is organized to introduce the reader to basic principles of radiation emission and propagation, to review current knowledge and historical aspects of the biological effects of radiation, and to cover important operational topics such as radiation shielding and dosimetry. The author's website contains materials for instructors including PowerPoint slides for lectures and worked-out solutions to end-of-chapter exercises. The book serves as an essential handbook for practicing health physics professionals.

## Book Information

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## Customer Reviews

This is a much needed book. I good modern overview of what you would encounter in the field of radiation protection and dosimetry. The coverage of standards and their development is often missed in other works. Since you will spend a great deal of time referring to these standards knowing the actors and history is important. As someone in the field I would have liked to have seen a little more on international standards development. It was very refreshing to see a text where equations were defined clearly. So many physics books seem to revel in making you figure out that particulars authors flavor of equation definition. I have found the book to be a great general reference and starting point for those new to the field. It is actually an enjoyable read. And having a joke thrown in once and a while was great.

This is an excellent book for students of radiation protection and dosimetry. It provides a great overview of health physics from radioisotope decay to non-ionizing radiation. The technical content is balanced with good practical examples. I would like to recommend this book for anyone studying health physics or preparing for the certification by the American Board of Health Physics.

As a grad student you are looking for clear and concise instruction for the subject you are learning. I've got experience with a number of technical books in the physics field and this is the most accessible one I've encountered yet. The author lingers over important point and doesn't waste time on derivations when not necessary. Even if you are assigned a different book for a course in Health Physics or Radiation Protection, picking this one up as a reference will serve you well.

I was also looking forward to this book - something concise yet clear to give to new trainees. I'm very disappointed with the quality of the graphics. Some images are so dark you cannot make out what they are, others have been scaled such that the resolution is so low you can see the pixels. Some of the charts are straight from excel. I appreciate that borrowing some images may lower the cost, but this looks quite amateur considering the quality of the text in some of the chapters.

Some specific operational topics included into the book are not present in similar books. This, in my opinion, makes attractive Radiation Protection and Dosimetry. An introduction to Health Physics

Good source of information on radioactive decay. I also like "Atomic Power: Necessary Evil or Virtually Uncontrollable Force that's Wrecking the Planet?" which deals with radioactive decay chemistry.

I was expecting a lot from this book since it is written by the very famous Michael Stabin, expert in the field of dosimetry. The book covers the subject of health physics very well, with a few typos here and there. But my biggest disappointment was to find the open-source web site wikipedia as a reference for many of the figures in the book. The author might have his reason for this, but I still think it is a little awkward for a book of this scope...

Very good book. Highly recommended for someone (student or teacher) interested in this field of study.

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