Applied Physics for Radiation Oncology, Revised Edition

Robert Stanton, Donna Stinson
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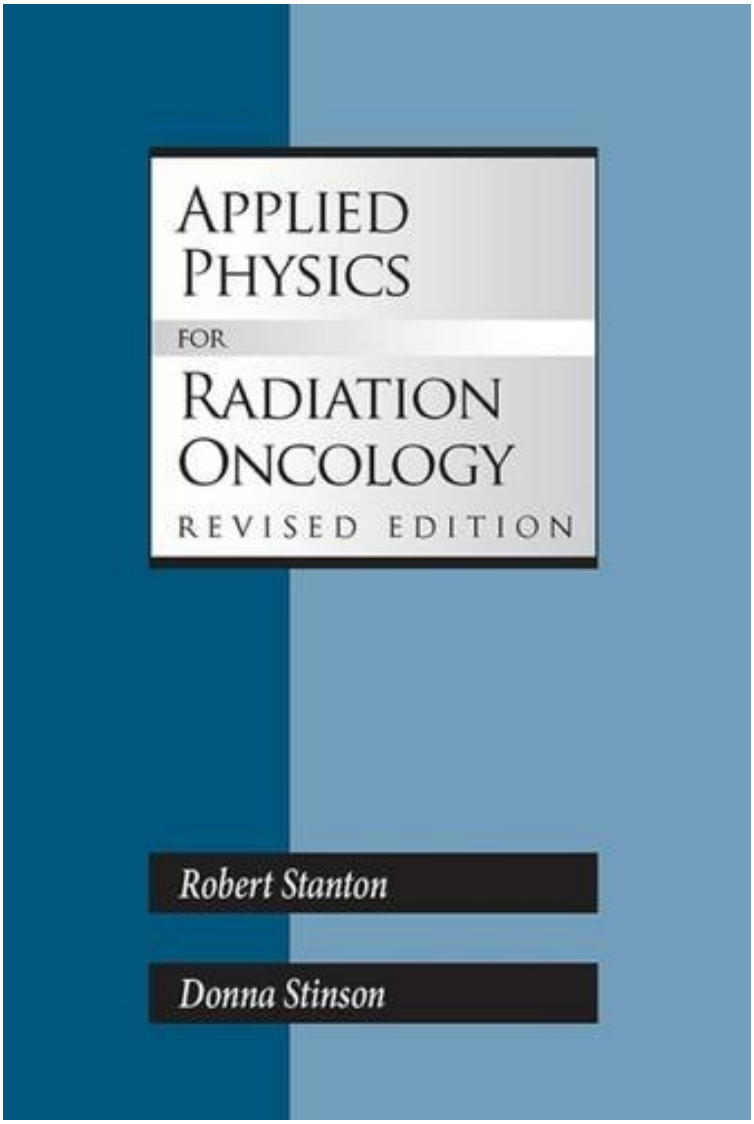

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Robert Stanton, Donna Stinson : Applied Physics for Radiation Oncology, Revised Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Applied Physics for Radiation Oncology, Revised Edition:

1 of 1 people found the following review helpful. GoodBy Colton L.Very good quality and helped me tremendously with this difficult subject.1 of 1 people found the following review helpful. Good transactionBy StephEverything good15 of 16 people found the following review helpful. Rad Physics for dummiesBy SEWRadiation oncologists are typically give Khan's book as the bible for physics study for the boards. The problem with Khan is that its dense,

turgid prose presumes a background in physics. Most of us aren't Phds in the field. Johns and Cunningham is worse in that it may as well be the text towards getting you that PhD.Mind you, you'll still need Khan around to fill in someblanks.This book is particularly thin on brachy and radioisotopes. But this book touches upon all the topics you need to know. It is an excellent primer for the average radonc resident looking to get the concepts and formulations behind rad physics, to pass the boards, and ultimately, to hire her own physicist for the clinic.

The updated, second edition of the textbook Applied Physics for Radiation Oncology, originally published in 1996. Intended for both radiation therapists and students of radiation therapy. Chapters cover treatment planning, photon and electron dosimetry, brachytherapy, methods of dose calculation, isodose curves, beam-modifying devices, patient and beam geometry, radiation protection, and clinical use and operation of linear accelerators. The authors unify the principles of radiation therapy physics with the real world of clinical practice. A must for radiation therapists.

". . .well suited for medical residents and radiation technologists, and it would prove valuable to a health physicist. . ." --Health Physics, March 1997"Radiation therapy program directors should seriously consider using this text in their programs. . ." --Radiation Therapist, Spring 1998From the PublisherIntended for both radiation therapists and students of radiation therapy, this clearly-written, well-illustrated book opens with the basics of matter and energy and progresses naturally to the more complex issues involving the clinical application of physics to radiation oncology. In addition to a bibliography, each chapter includes problems with answers which will be especially helpful in teaching radiation therapy students. The authors are teachers of radiation therapy technologists and are able to relate the principles of radiation therapy physics to the real world of clinical practice. Students have found this introductory text to be much more accessible than some of the more advanced texts in the field.