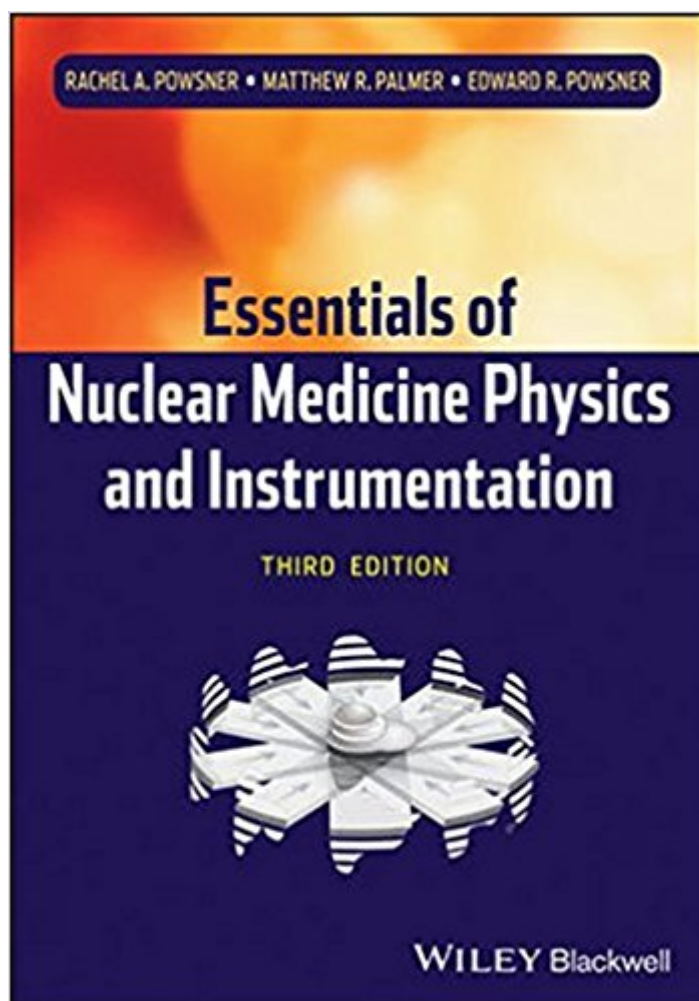


The book was found

Essentials Of Nuclear Medicine Physics And Instrumentation



Synopsis

An excellent introduction to the basic concepts of nuclear medicine physics This Third Edition of Essentials of Nuclear Medicine Physics and Instrumentation expands the finely developed illustrated review and introductory guide to nuclear medicine physics and instrumentation. Along with simple, progressive, highly illustrated topics, the authors present nuclear medicine-related physics and engineering concepts clearly and concisely. Included in the text are introductory chapters on relevant atomic structure, methods of radionuclide production, and the interaction of radiation with matter. Further, the text discusses the basic function of the components of scintillation and non-scintillation detector systems. An information technology section discusses PACs and DICOM. There is extensive coverage of quality control procedures, followed by updated chapters on radiation safety practices, radiation biology, and management of radiation accident victims. Clear and concise, this new edition of Essentials of Nuclear Medicine Physics and Instrumentation offers readers:

- Four new chapters
- Updated coverage of CT and hybrid scanning systems: PET/CT and SPECT/CT
- Fresh discussions of the latest technology based on solid state detectors and new scanner designs optimized for dedicated cardiac imaging
- New coverage of PACs and DICOM systems
- Expanded coverage of image reconstruction and processing techniques
- New material on methods of image display

Logically structured and clearly written, this is the book of choice for anyone entering the field of nuclear medicine, including nuclear medicine residents and fellows, cardiac nuclear medicine fellows, and nuclear medicine technology students. It is also a handy quick-reference guide for those already working in the field of nuclear physics.

Book Information

Paperback: 248 pages

Publisher: Wiley-Blackwell; 3 edition (April 8, 2013)

Language: English

ISBN-10: 0470905506

ISBN-13: 978-0470905500

Product Dimensions: 6.9 x 0.7 x 9.9 inches

Shipping Weight: 1.1 pounds (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars 2 customer reviews

Best Sellers Rank: #430,842 in Books (See Top 100 in Books) #15 in Books > Medical Books > Medicine > Internal Medicine > Radiology > Nuclear Medicine #233 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Radiological & Ultrasound Technology

Customer Reviews

Essential resource

Excellent book , nuclear physics for boards.

[Download to continue reading...](#)

Essentials of Nuclear Medicine Imaging: Expert Consult - Online and Print, 6e (Essentials of Nuclear Medicine Imaging (Mettler)) Essentials of Nuclear Medicine Physics and Instrumentation Nuclear Prepared - How to Prepare for a Nuclear Attack and What to do Following a Nuclear Blast: Everything you Need to Know to Plan and Prepare for a Nuclear Attack Nuclear energy. Radioactivity. Engineering in Nuclear Power Plants: Easy course for understanding nuclear energy and engineering in nuclear power plans (Radioactive Disintegration) Handbook of Nuclear Chemistry: Vol. 1: Basics of Nuclear Science; Vol. 2: Elements and Isotopes: Formation, Transformation, Distribution; Vol. 3: ... Nuclear Energy Production and Safety Issues. Nuclear Medicine Instrumentation Quantum Electrodynamics: Gribov Lectures on Theoretical Physics (Cambridge Monographs on Particle Physics, Nuclear Physics and Cosmology) Fundamentals of Periodontal Instrumentation and Advanced Root Instrumentation Surgical Instrumentation Flashcards Set 3: Microsurgery, Plastic Surgery, Urology and Endoscopy Instrumentation (Study on the Go!) Workbook for Phillips/Sedlak's Surgical Instrumentation (Phillips, Surgical Instrumentation) Coherence, Counterpoint, Instrumentation, Instruction in Form (Zusammenhang, Kontrapunkt, Instrumentation, Formenlehre) Surgical Instrumentation, Spiral bound Version (Phillips, Surgical Instrumentation) Instrumentation for the Operating Room: A Photographic Manual (Instrumentation for the Operating Room, 5th ed) Nuclear Reaction Data and Nuclear Reactors: Physics, Design, and Safety Radiopharmaceuticals in Nuclear Pharmacy and Nuclear Medicine Modern Essentials Bundle 6th - Modern Essentials 6th Edition a Contemporary Guide to the Therapeutic Use of Essential Oils, An Introduction to Modern Essentials, and Modern Essentials Reference Card Digital Instrumentation and Control Systems in Nuclear Power Plants: Safety and Reliability Issues Nuclear Physics: Principles and Applications (Manchester Physics Series) Physics in Nuclear Medicine, 4e Physics in Nuclear Medicine, 3e

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)