



## Principles and Applications of Radiological Physics (Paperback)

By Donald Graham, Paul Cloke, Martin Vosper

Elsevier Health Sciences, United Kingdom, 2012. Paperback. Condition: New. 6th Revised edition. Language: English . Brand New Book. Principles and Application of Radiological Physics 6E provides comprehensive and easy-to-follow coverage of the principles and application of physics for both diagnostic and therapeutic radiography students. Regardless of changes in technology and clinical grading, the most important role of the radiographer remains unchanged - ensuring the production of high quality images and optimal treatment. These should be performed with the minimum of radiation hazard to patients, staff and others. An understanding of physics and the basics of radiographic technology is essential to do this effectively. The book covers all the physics and mathematics required by undergraduate diagnostic and therapeutic radiography students, catering for those who do not have a mathematics qualification as well as for those who do. NEW TO THIS EDITION: A focus upon application of physics to reflect current teaching approaches Completely revised structure, leading from science principles to applications New chapters on CT, MRI, ultrasound, PET, RNI, mammography and digital imaging Electronic learning resources for students, hosted on EVOLVE Strong links between theory and practice throughout this clear and concise text Focus on application of physics, as well as principles New, updated...



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