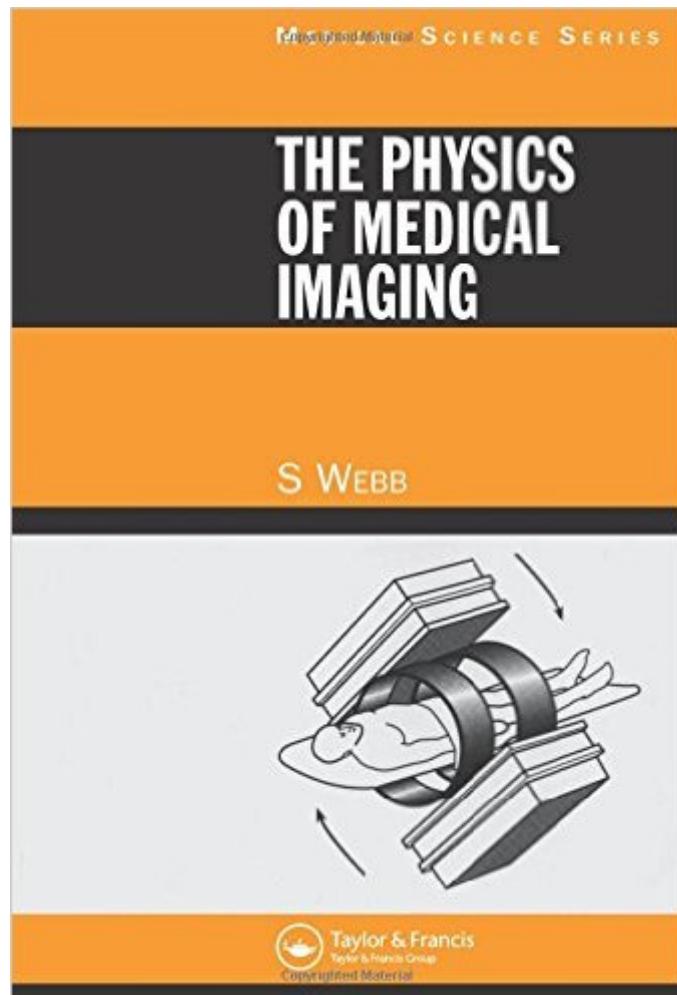


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# The Physics Of Medical Imaging (Medical Science Series)



## Synopsis

The Physics of Medical Imaging reviews the scientific basis and physical principles underpinning imaging in medicine. It covers the major imaging methods of x-radiology, nuclear medicine, ultrasound, and nuclear magnetic resonance, and considers promising new techniques. Following these reviews are several thematic chapters that cover the mathematics of medical imaging, image perception, computational requirements, and techniques. Throughout the book, the author encourages readers to consider key questions concerning imaging. This profusely illustrated and extensively indexed text is accessible to graduate physical scientists, advanced undergraduates, and research students. It logically complements books on applications of imaging techniques in medicine, making it useful for clinicians as well.

## Book Information

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Average Customer Review: 3.0 out of 5 starsÂ  See all reviewsÂ  (1 customer review)

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## Customer Reviews

The second page of my copy of this book states:Reprinted 1995, 1996, 1998, 2000, 2002, 2003This is pretty much the same text published in 1988 (after corrections)So:Fuzzy 80's CT scan illustrationsNothing on fat suppression, or more modern image acquisition sequences in the "Nuclear Magnetic Imaging" chapterDefinitely no mention of harmonic ultrasoundMany anachronistic references to 'future technological improvements'I am not sure whether the publisher's reluctance to update this book represents apathy or avarice, but the failure to more frequently revise a textbook in such a rapidly changing area relegates this book from serious

consideration as a primary textbook. Some chapters are quite clear and complete (for example X-ray) but overall the writing style is a little obtuse. In summary- some good chapters but outdated, stylistically hum-drum and superceded by the numerous other texts in this area.

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