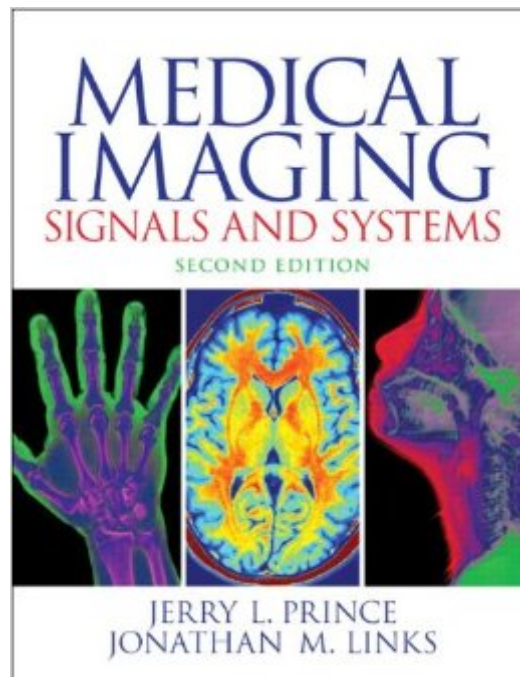


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Medical Imaging Signals And Systems (2nd Edition)



Synopsis

This text is designed for courses in medical imaging systems. It is also suitable for professionals seeking an overview of medical imaging systems. With signal processing as its foundation, *Medical Imaging Signals and Systems*, Second Edition covers the most important imaging modalities in radiology: projection radiography, x-ray computed tomography, nuclear medicine, ultrasound imaging, and magnetic resonance imaging. Organized into parts to emphasize key overall conceptual divisions, *Medical Imaging* is most appropriate for engineering students who have taken the prerequisite signals and systems courses as well as elementary probability. This program presents a better teaching and learning experience for you and your students. Teach with a dynamic art program: The text's wealth of images and diagrams help students visualize key concepts. Capture students' attention: Motivational example problems both keep students focused and reveal interesting features. Use relevant material: Biologically relevant examples illustrate the important context of medical imaging.

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