



Image Principles, Neck, and the Brain (Hardback)

By -

Apple Academic Press Inc., Canada, 2016. Hardback. Condition: New. Language: English . Brand New Book. Magnetic resonance imaging (MRI) is a technique used in biomedical imaging and radiology to visualize internal structures of the body. Because MRI provides excellent contrast between different soft tissues, the technique is especially useful for diagnostic imaging of the brain, muscles, and heart. In the past 20 years, MRI technology has improved significantly with the introduction of systems up to 7 Tesla (7 T) and with the development of numerous post-processing algorithms such as diffusion tensor imaging (DTI), functional MRI (fMRI), and spectroscopic imaging. From these developments, the diagnostic potentialities of MRI have improved impressively with an exceptional spatial resolution and the possibility of analyzing the morphology and function of several kinds of pathology. Given these exciting developments, the Magnetic Resonance Imaging Handbook: Image Principles, Neck, and the Brain is a timely addition to the growing body of literature in the field. Covering MRI from fundamentals to practice, this comprehensive book: * Discusses the clinical benefits of diagnosing human pathologies using MRI * Explains the physical principles of MRI and how to use the technique correctly * Highlights each organ s anatomy and pathological processes...



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Reviews

A fresh e-book with a brand new standpoint. Sure, it is play, nevertheless an interesting and amazing literature. Its been printed in an extremely straightforward way and it is just soon after i finished reading this pdf where in fact modified me, change the way in my opinion.

-- **Deondre Hackett**

Extensive guideline! Its this sort of very good go through. I have got read and i am confident that i will gonna read through once more once more in the future. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- **Joana Champlin**