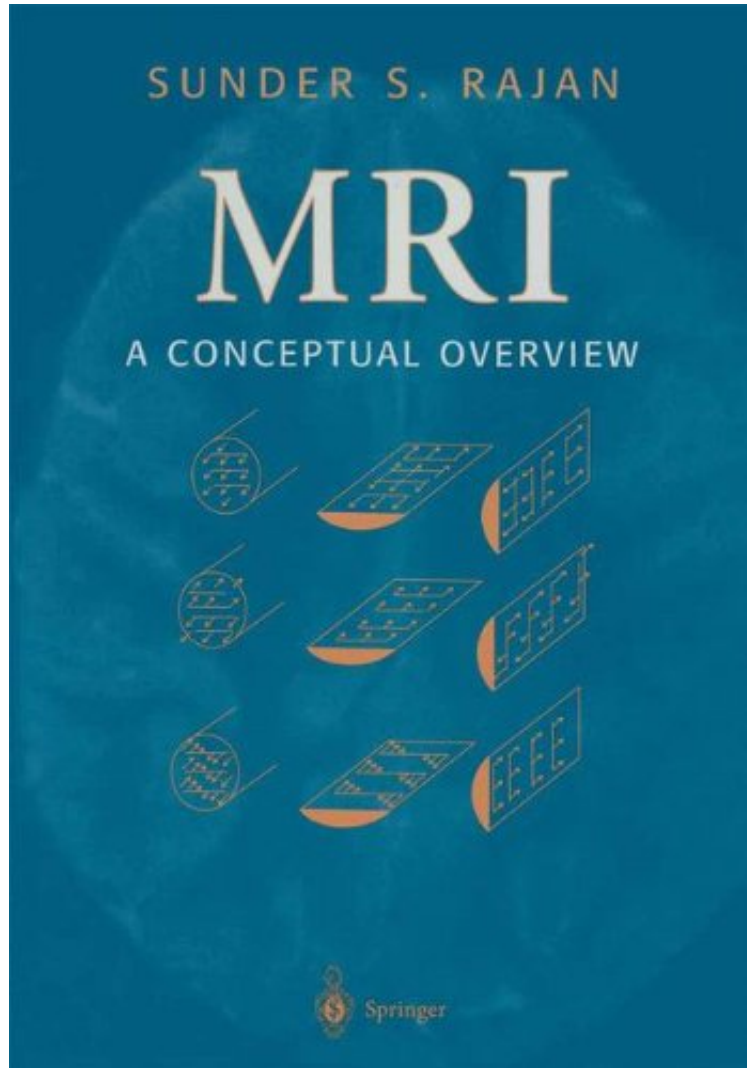


MRI: A Conceptual Overview

Sunder S. Rajan

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Sunder S. Rajan : MRI: A Conceptual Overview before purchasing it in order to gauge whether or not it would be worth my time, and all praised MRI: A Conceptual Overview:

Written for medical professionals involved in obtaining and interpreting MR images, the text makes use of a visual, image-based style. The author succinctly explains the scientific principles of magnetic resonance imaging and spectroscopy, conveying an appreciation for the signal encoding and decoding processes employed in MR, while at the same time cultivating in the reader a working understanding of the contrast mechanisms which apply in the acquisition

and display of MR data. In addition, the text provides readers with the conceptual tools required to keep abreast of innovations in the field, while serving as a ready reference for questions relating to image quality and artefacts, allowing readers to critically evaluate the different systems and techniques available for clinical MR imaging.

This text is written for medical professionals involved in obtaining and interpreting MR images and presented to the reader in a visual, image-based style. The author's intention is to succinctly explain the scientific principles of magnetic resonance imaging and spectroscopy, convey an appreciation for the signal encoding and decoding processes employed in MR, and cultivate in the reader a working understanding of the contrast mechanisms which apply in the acquisition and display of MR data. In addition, the text will also provide the reader with the conceptual tools required to keep abreast of innovations in the field, while serving as a ready reference for questions relating to image quality and artifacts, allowing readers to critically evaluate the advantages and disadvantages of the different systems and techniques available for clinical MR imaging. -- Book DescriptionFrom the PublisherThis text is intended for radiologists and technologists involved in the routine practice of clinical MR, as well as physicians dependent upon the results of MR examinations to make patient decisions.