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Nota di contenuto	section 1. Introduction to diffusion MRI -- section 2. Diffusion MRI for quantitative measurement -- section 3. Diffusion MRI for in vivo neuroanatomy.
Sommario/riassunto	Diffusion MRI is a magnetic resonance imaging (MRI) method that produces in vivo images of biological tissues weighted with the local microstructural characteristics of water diffusion, providing an effective means of visualizing functional connectivities in the nervous system. This book is the first comprehensive reference promoting the understanding of this rapidly evolving and powerful technology and providing the essential handbook for designing, analyzing or interpreting diffusion MR experiments. The book presents diffusion imaging in the context of well-established, classical experime