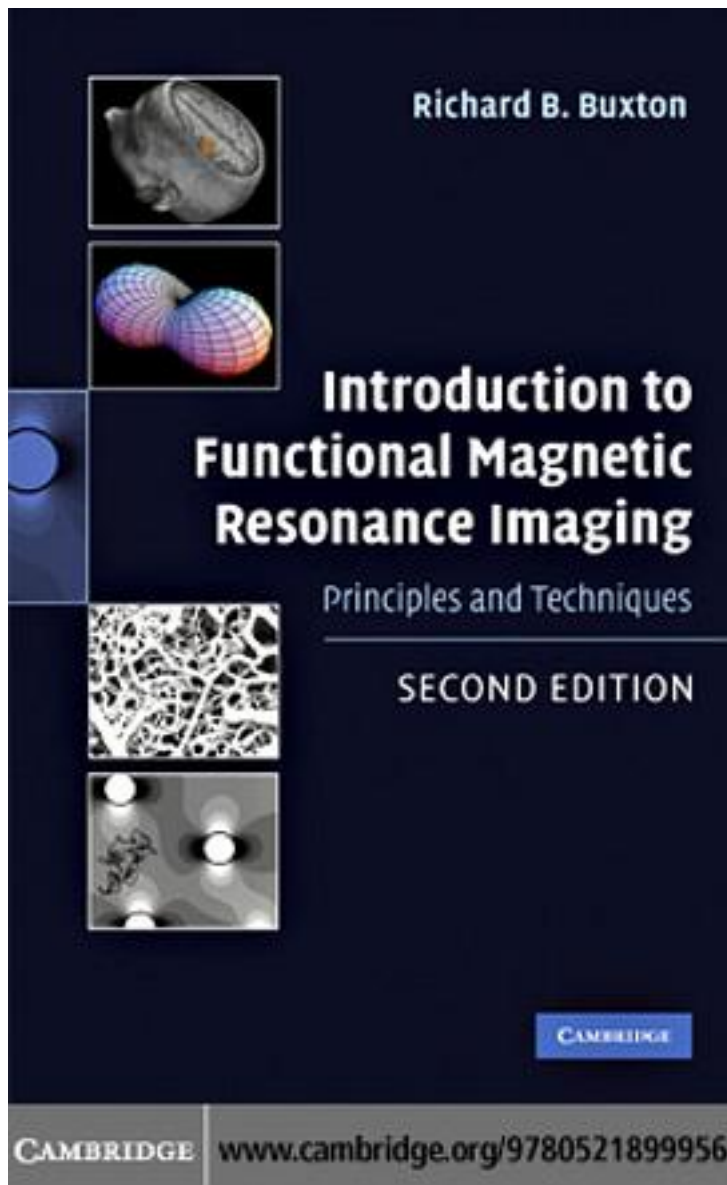


Introduction to Functional Magnetic Resonance Imaging



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著者:Buxton, R.B.

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Functional Magnetic Resonance Imaging (fMRI) is now a standard tool for mapping activation patterns in the human brain. This highly interdisciplinary field involves neuroscientists and physicists as well as clinicians, and the range, flexibility and sophistication of the techniques being used are increasing rapidly. In this book, Richard Buxton, a leading authority on fMRI, provides an invaluable introduction to how fMRI works, from basic principles and the underlying physics and physiology, to newer techniques such as arterial spin labeling and diffusion tensor imaging. The book also includes discussion of how fMRI relates to other imaging techniques (such as Positron Emission Tomography, or PET) and a guide to the statistical analysis of fMRI data. This book will be useful both to the experienced researcher using fMRI, and the clinician or researcher with no previous knowledge of the technology.

作者介绍:

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标签

fMRI

英文原版

心理学

评论

专业，对磁共振的物理原理，功能成像的生理基础以及成像方法与序列相关的技术叙述得十分清楚，想真正搞懂MRI/fMRI靠它就够了。

书评