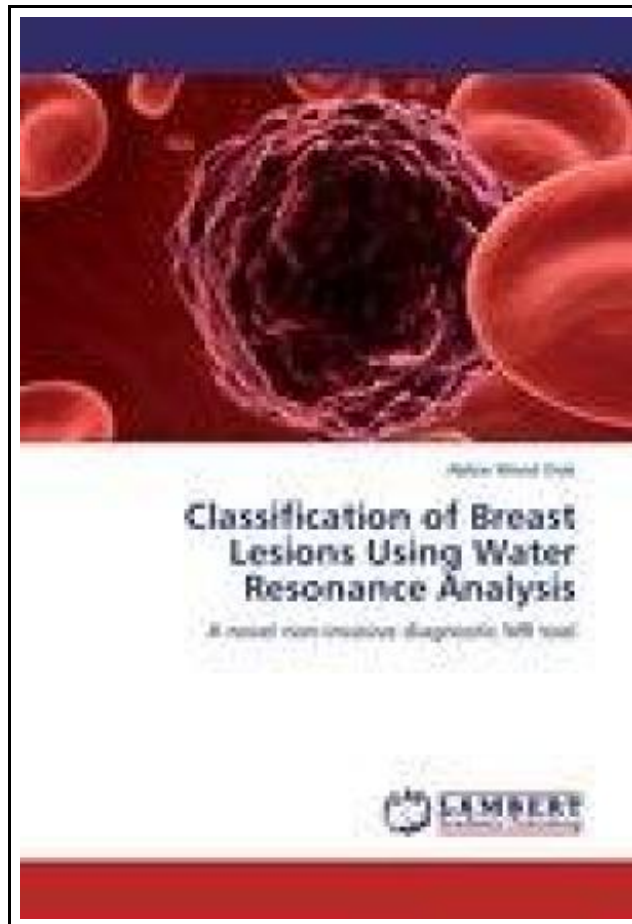


Classification of Breast Lesions Using Water Resonance Analysis



Filesize: 2.89 MB

Reviews

This publication will be worth purchasing. It really is written in simple terms instead of difficult to understand. It's been designed in an exceptionally simple way and is particularly only right after I finished reading this ebook in which basically modified me, alter the way I believe.

(Prof. Loyce Runolfsson Jr.)

CLASSIFICATION OF BREAST LESIONS USING WATER RESONANCE ANALYSIS



To save **Classification of Breast Lesions Using Water Resonance Analysis** eBook, remember to refer to the button under and download the file or get access to other information which are in conjunction with CLASSIFICATION OF BREAST LESIONS USING WATER RESONANCE ANALYSIS book.

LAP Lambert Academic Publishing Okt 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x8 mm. This item is printed on demand - Print on Demand Neuware - In this book you will find a novel non-invasive technique for distinguishing malignant breast lesions from benign breast lesions. The technique involves high spectral and spatial resolution (HiSS) MR imaging, and post-processing of the spectral data utilizing an algorithm to detect non-Lorentzian water resonances. In water, the water resonance is Lorentzian-shaped and symmetric. However, for many reasons, in vivo water resonances often have off-peak non-Lorentzian components. These off-peak components are caused by bulk magnetic susceptibility shifts that result in a superposition of more than one Lorentzian function from a given voxel, centered at a slightly different resonance frequency. Bulk magnetic susceptibility shifts that are likely produce non-Lorentzian lineshapes can be attributed to many factors, such as relatively high levels of paramagnetic deoxygenated blood, interfaces between tissue types, calcifications, etc. The aim of this work was to determine if the presence of large off-peak components are characteristic of malignant lesions. The results demonstrate that this technique could be a useful tool in the diagnosis of breast cancer. 128 pp. Englisch.



Read Classification of Breast Lesions Using Water Resonance Analysis Online

Download PDF Classification of Breast Lesions Using Water Resonance Analysis

You May Also Like



[PDF] **Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications .**

Follow the web link listed below to download "Index to the Classified Subject Catalogue of the Buffalo Library; The Whole System Being Adopted from the Classification and Subject Index of Mr. Melvil Dewey, with Some Modifications ." document.

[Download ePub »](#)



[PDF] **Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]**

Follow the web link listed below to download "Children s Educational Book: Junior Leonardo Da Vinci: An Introduction to the Art, Science and Inventions of This Great Genius. Age 7 8 9 10 Year-Olds. [Us English]" document.

[Download ePub »](#)



[PDF] **Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]**

Follow the web link listed below to download "Children s Educational Book Junior Leonardo Da Vinci : An Introduction to the Art, Science and Inventions of This Great Genius Age 7 8 9 10 Year-Olds. [British English]" document.

[Download ePub »](#)



[PDF] **Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)**

Follow the web link listed below to download "Crochet: Learn How to Make Money with Crochet and Create 10 Most Popular Crochet Patterns for Sale: (Learn to Read Crochet Patterns, Charts, and Graphs, Beginner s Crochet Guide with Pictures)" document.

[Download ePub »](#)



[PDF] **The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds**

Follow the web link listed below to download "The Trouble with Trucks: First Reading Book for 3 to 5 Year Olds" document.

[Download ePub »](#)



[PDF] **Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large**

Follow the web link listed below to download "Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large" document.

[Download ePub »](#)