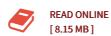




The Theory of Nuclear Magnetic Relaxation in Liquids

By James McConnell

CAMBRIDGE UNIVERSITY PRESS, United Kingdom, 2009. Paperback. Book Condition: New. New.. 222 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. This book provides a complete exposition of the theory of nuclear magnetic relaxation caused by the thermal motion of the molecule containing the relaxing nucleus. The author begins by defining the physical quantities encountered in nuclear magnetic resonance studies and surveying pioneering investigations in the field. Nuclear magnetic relaxation by scalar, dipolar, quadrupolar and spin-rotational interactions and by anisotropic chemical shift are then examined in detail. Relaxation rates are expressed in terms of spectral densities, and the values of the spectral densities for various molecular shapes are calculated by random walk or Brownian motion dynamics. The text should be within the grasp of readers who have taken undergraduate courses in electromagnetic theory and in classical and quantum mechanics, although topics in these fields of particular relevance are to be found in appendices. This book will be of value to postgraduate students and research workers using n.m.r. in physics and physical chemistry departments, and by scientists in industrial and medical research.



Reviews

If you need to adding benefit, a must buy book. I could comprehended every thing out of this composed e pdf. I am just very happy to tell you that this is the greatest pdf i have study inside my individual existence and could be he finest publication for at any time.

-- Miss I aurie Waters IV

Most of these publication is the greatest publication offered. It is actually rally intriguing throgh reading period of time. You can expect to like just how the article writer create this publication.

-- Eddie Schuppe

Other PDFs



History of the Town of Sutton Massachusetts from 1704 to 1876

Createspace, United States, 2015. Paperback. Book Condition: New. annotated edition. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. This version of the History of the Town of Sutton Massachusetts from 1704 to 1876 is a labor...



And You Know You Should Be

HarperCollins Publishers Inc, United States, 2014. Paperback. Book Condition: New. Reprint. 201 x 132 mm. Language: English. Brand New Book ***** Print on Demand *****. A highly personal and moving true story of friend-ship and remembrance from the New York Times bestselling...



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)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Getting Your FREE Bonus Download this book, read it to the end and see BONUS: Your FREE Gift chapter after...



The Voyagers Series - Europe: A New Multi-Media Adventure Book

1

Strength Through Communications, United States, 2011. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. The Voyagers Series is a new multi-media, multi-disciplinary approach to teaching reading that provides students with a stimulating,...



No Friends?: How to Make Friends Fast and Keep

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. Do You Have NO Friends? Are you tired of not having any friend and being lonely all the time...



Fart Book African Bean Fart Adventures in the Jungle: Short Stories with Moral

Createspace, United States, 2013. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Black White Illustration Version! BONUS - Includes FREE Dog Fart Audio Book for Kids Inside! For a very time limited...