



Spin Dynamics: Basics of Nuclear Magnetic Resonance

By Malcolm H. Levitt

John Wiley and Sons Ltd, United States, 2008. Paperback. Book Condition: New. 2nd Revised edition. 244 x 188 mm. Language: English . Brand New Book. Spin Dynamics: Basics of Nuclear Magnetic Resonance, Second Edition is a comprehensive and modern introduction which focuses on those essential principles and concepts needed for a thorough understanding of the subject, rather than the practical aspects. The quantum theory of nuclear magnets is presented within a strong physical framework, supported by figures. The book assumes only a basic knowledge of complex numbers and matrices, and provides the reader with numerous worked examples and exercises to encourage understanding. With the explicit aim of carefully developing the subject from the beginning, the text starts with coverage of quarks and nucleons and progresses through to a detailed explanation of several important NMR experiments, including NMR imaging, COSY, NOESY and TROSY. Completely revised and updated, the Second Edition features new material on the properties and distributions of isotopes, chemical shift anisotropy and quadrupolar interactions, Pake patterns, spin echoes, slice selection in NMR imaging, and a complete new chapter on the NMR spectroscopy of quadrupolar nuclei. New appendices have been included on Euler angles, and coherence selection by field gradients....



READ ONLINE
[1.17 MB]

Reviews

It is a single of my personal favorite ebook. Better than never, though I am quite late in starting reading this one. I am effortlessly will get a satisfaction of reading a published ebook.

-- Ms. Lavada Krajcik

Comprehensive guideline for book lovers. It can be filled with knowledge and wisdom I realized this publication from my dad and I suggested this pdf to find out.

-- Ted Schumm

See Also



[Federal Court Rules: 2012](#)

Createspace, United States, 2012. Paperback. Book Condition: New. 244 x 188 mm. Language: English . Brand New Book ***** Print on Demand *****.Superseded by 2013 Edition. This title is available, but should be relied upon solely for purposes of historical reference or...



[The Well-Trained Mind: A Guide to Classical Education at Home \(Hardback\)](#)

WW Norton Co, United States, 2016. Hardback. Book Condition: New. 4th Revised edition. 244 x 165 mm. Language: English . Brand New Book. The Well-Trained Mind will instruct you, step by step, on how to give your child an academically rigorous, comprehensive...



[Oxford First Illustrated Science Dictionary](#)

Oxford University Press, United Kingdom, 2013. Paperback. Book Condition: New. 241 x 188 mm. Language: English . Brand New Book. The Oxford First Illustrated Science Dictionary supports the curriculum and gives your child a head start in understanding first scientific words. Organised...



[Pastorale D Ete: Study Score](#)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 335 x 188 mm. Language: English . Brand New Book ***** Print on Demand *****.Composed in August of 1920 while vacationing in his native Switzerland, Pastorale d ete (Summer Pastorale) evokes a...



[Hussite Overture, Op. 67 / B. 132: Study Score](#)

Petrucci Library Press, United States, 2013. Paperback. Book Condition: New. 244 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.Comissioned by the Committee for the Completion of the National Theatre, Dvorak composed this work in exactly one...



[EU Law Directions](#)

Oxford University Press, United Kingdom, 2014. Paperback. Book Condition: New. 4th ed.. 242 x 188 mm. Language: English . Brand New Book. With a readable and modern writing style, EU Law Directions clearly explains the key topics and developments in this fast-paced...