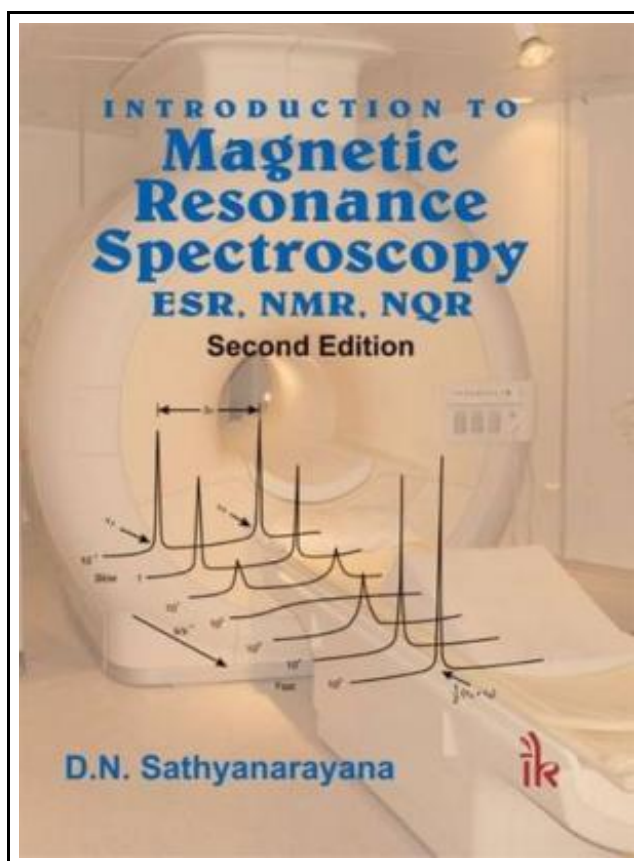


Introduction to Magnetic Resonance Spectroscopy ESR, NMR, NQR (Second Edition)



Filesize: 3.07 MB

Reviews

This ebook will be worth buying. It usually fails to price an excessive amount of. You wont feel monotony at whenever you want of your respective time (that's what catalogs are for regarding in the event you check with me).

(Ernest Vandervort)

INTRODUCTION TO MAGNETIC RESONANCE SPECTROSCOPY ESR, NMR, NQR (SECOND EDITION)

[DOWNLOAD](#)

I.K. International Publishing House Pvt. Ltd, 2014. Hardcover. Book Condition: New. 2nd edition. 18 x 24 cm. This book brings together the three branches of magnetic resonance spectroscopy namely, electron spin resonance (ESR), nuclear magnetic resonance (NMR) and nuclear quadrupole resonance (NQR) and presents a coherent and progressive coverage of the subject in a simple and lucid style. Each part covers the physical basis of spectroscopic method and its chemical applications. The emphasis is on obtaining and interpreting some types of spectra often met in the laboratory that can be applied in solving problems related to structure and behaviour of organic and inorganic molecules. Each part concludes with references to advanced literature and exercises that test the readers' understanding. This text may be used for self study. The text will benefit students at M.Sc., M.Phil. and research levels in chemistry, physics, biology and pharmacology. Special Features ? Use of Huckel and crystal field theory as tools in the interpretation of spectra. ? Extended coverage of 2D NMR spectra. ? NMR of nuclei such as ^{13}C , ^{19}F and ^{31}P . ? Non-mathematical description of the experiments. ? Develops the foundation in a clear step-by-step manner. Contents: 1. General Introduction / PART-1: Electron Spin Resonance / 2. Basic theory / 3. Hyperfine structure / 4. Experimental Aspects: ESR / 5. Spectral Characteristics: Line Width and Anisotropy / 6. Dynamic Processes / 7. The Triplet State / 8. Transition Metal Complexes / 9. Double Resonance Techniques / PART-2: Nuclear Magnetic Resonance / 10. General Principles / 11. Chemical Shift / 12. Spine-Spin Coupling / 13. Experimental Aspects: NMR / 14. Dynamic NMR Spectroscopy / 15. Spectra of Other Nuclei: ^{13}C , ^{19}F and ^{31}P / 16. Relaxation Processes / 17. Multiple Resonance Techniques / 18. Selected Topics / 19. Two-Dimensional NMR Spectroscopy / PART-3: Nuclear Quadrupole...



[Read Introduction to Magnetic Resonance Spectroscopy ESR, NMR, NQR \(Second Edition\) Online](#)



[Download PDF Introduction to Magnetic Resonance Spectroscopy ESR, NMR, NQR \(Second Edition\)](#)

Other Books



EU Law Directions (Paperback)

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...

[Download PDF »](#)



ESV Study Bible, Large Print

CROSSWAY BOOKS, United States, 2014. Leather / fine binding. Book Condition: New. Large Print. 257 x 190 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of...

[Download PDF »](#)



Hope for Autism: 10 Practical Solutions to Everyday Challenges (Paperback)

Seaborough Enterprises Publishing, United States, 2015. Paperback. Book Condition: New. Initial ed.. 203 x 127 mm. Language: English . Brand New Book ***** Print on Demand *****. Hope for Autism: 10 Practical Solutions to Everyday...

[Download PDF »](#)



The Web Collection, Revealed: Adobe Creative Cloud Update (Mixed media product)

Cengage Learning, Inc, United States, 2013. Mixed media product. Book Condition: New. Premium ed. 241 x 193 mm. Language: English . Brand New Book. Your Adobe Creative Cloud package includes two components: 1) Online access...

[Download PDF »](#)



ESV Study Bible, Large Print (Hardback)

CROSSWAY BOOKS, United States, 2014. Hardback. Book Condition: New. Large Print. 249 x 178 mm. Language: English . Brand New Book. The ESV Study Bible, Large Print edition transforms the content of the award-winning ESV...

[Download PDF »](#)

**The Water Goblin, Op. 107 / B. 195: Study Score (Paperback)**

Petrucchi Library Press, United States, 2013. Paperback. Book Condition: New. 238 x 170 mm. Language: English . Brand New Book ***** Print on Demand *****.The first of four late tone poems inspired by Bouquet, a

[Save Document »](#)

**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

[Save Document »](#)

**Slavonic Rhapsodies, Op.45 / B.86: Study Score (Paperback)**

Petrucchi Library Press, United States, 2015. Paperback. Book Condition: New. 244 x 170 mm. Language: English Brand New Book ***** Print on Demand *****.The first of the three Slovanske rapsodie was composed from February 13

[Save Document »](#)

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

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who

[Save Document »](#)

**Ip Man Wing Chun Basics (the movie Ip Man director Sin Kwok. Ip Man master)(Chinese Edition)**

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: Unknown Pages: 129 in Publisher: China Industrial and Commercial Joint Press

[Save Document »](#)