



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

By D.N. Sathyanarayana

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  $^{13}\text{C}$ ,  $^{19}\text{F}$  and  $^{31}\text{P}$ . ? Non-mathematical description of the experiments. ? Develops the foundation in a clear step-by-step manner. Contents: 1. General Introduction / PART-1: Electron...

DOWNLOAD



READ ONLINE  
[ 6.3 MB ]

### Reviews

*Most of these publication is the perfect ebook accessible. It is amongst the most awesome publication i have got read through. You wont truly feel monotony at whenever you want of the time (that's what catalogs are for regarding in the event you request me).*

-- Prof. Edgar Kshlerin

*It is easy in study safer to comprehend. It can be writer in basic phrases and never confusing. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- Emmitt Harber

## See Also

---



### [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 key topics and developments in this fast-paced...

---



### [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 the award-winning ESV Study Bible into a...

---



### [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 to Adobe Creative Cloud updates on your...

---



### [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 Study Bible into a highly readable, large-print...

---



### [Music for Children with Hearing Loss: A Resource for Parents and Teachers \(Paperback\)](#)

Oxford University Press Inc, United States, 2014. Paperback. Book Condition: New. 228 x 156 mm. Language: English . Brand New Book. Written by an expert in the field who is both a teacher and a teacher-educator, this book is an in-depth and...

---



### [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 Challenges, provides answers to the many questions...

---