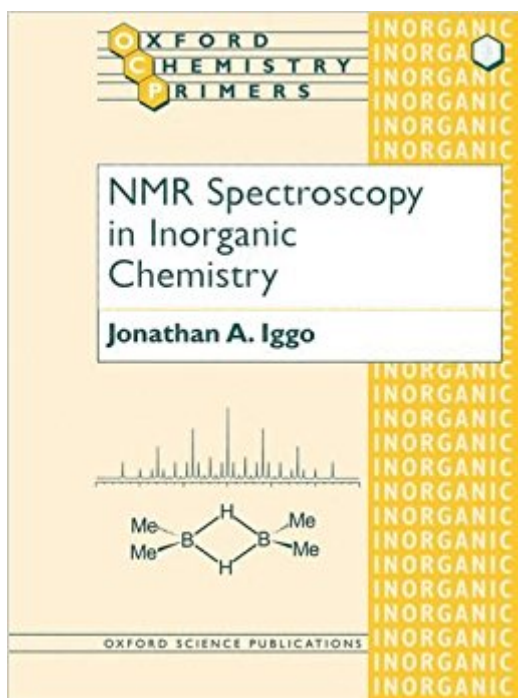




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NMR Spectroscopy In Inorganic Chemistry (Oxford Chemistry Primers)



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Synopsis

This book provides a non-mathematical grounding in the physics of NMR spectroscopy and then uses this to explore the use of NMR spectroscopy in inorganic chemistry. Examples are included from many different areas of inorganic chemistry. The examples are closely related to the theory described. By giving a simple overview of the relevant theory and avoiding the 'pattern recognition' approach frequently used, it demystifies NMR.

Book Information

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Customer Reviews

"Iggo's book is part of the Oxford Chemistry Primer series, which aims to cover basic facts and principles in a particular area, within a compact and reasonably priced format. . . This volume aims to provide a non-mathematical format background in NMR theory and to illustrate the applications of the technique using inorganic rather than the more widely encountered organic, examples. . . Iggo provides an excellent foundation in the subject, and will awaken readers to unusual nuclei. I highly recommend that undergraduate meet the examples from this book, as they learn about MNR theory and organic applications."--Chemistry and Industry

Dr Jonathan A. Iggo, Lecturer in Inorganic Chemistry, Department of Chemistry, University of Liverpool

This book has served me many times as an invaluable quick reference guide for interpreting various spectra throughout my research. I always keep it nearby, and it is not often that I don't reference it at least once when interpreting and assigning my spectra. The book does provide chapter or two of introductory background, but novice researchers not yet thoroughly familiar with NMR fundamentals will find themselves better served with a less advanced text. However for those with an at least intermediate level working knowledge of NMR spectroscopy will surely benefit from this reference. Also, as the title clarifies, this particular book is applicable mostly to INORGANIC NMR (H-1, H-2, P-31, and Si-29 isotopes, to name a few of the covered topics): Researchers in other fields (e.g. organic chemistry) who do not have a common need for non-carbon or non-proton NMR might be better served by a reference more specific to their field. I also highly recommend "Inorganic Spectroscopic Methods" by Alan K. Brisdon, also from the Oxford Chemistry Primers series, as another invaluable quick reference for mass spectrometry, UV-Visible spectroscopy, and infrared spectroscopy as they apply to inorganic chemistry. Hope this helps.

good book - as advertised - fast delivery

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