

## Book Review

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**Spectroscopic Properties of Inorganic and Organometallic Compounds, Volume 7, A Specialist Periodical Report**, N. N. Greenwood, Senior Reporter, The Chemical Society, London, 1974, xii + 699, £ 24.00.

This Report, the seventh of the well known series, includes chapters on NMR (B. E. Mann), NQR (J. H. Carpenter) and microwave spectroscopy (J. H. Carpenter), vibrational spectra of small symmetric species and of single crystals (D. M. Adams) of compounds of Main-group elements (S. R. Stobart) and of transition elements (M. Goldstein), of some co-ordinated ligands (G. Davidson) and Mössbauer spectroscopy (R. Greatex). This volume covers the literature of 1973.

The coverage of the literature is excellent and a check of the arguments of greater interest to this reviewer has shown no omission; the chapter on

NMR spectroscopy quotes 2213 references, some of which are taken from non-chemical or obscure journals.

The impressive amount of data reported in the volume is well organized and grouped in small subtitles so that it is very easy for the reader to find out the subject of interest.

Many indications can be found in the whole volume on the way a particular spectroscopic technique has been used, suggesting to the non-specialist the best way to solve particular problems.

In conclusion this volume, like the previous volumes of the series, deserves a place in the bookshelf of all the laboratories involved not only in the use of a particular spectroscopic technique but also in those working on preparative inorganic and organometallic chemistry.

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