

Book Reviews

Index of Vibrational Spectra of Inorganic and Organometallic Compounds - Volume 1. by N. N. Gerenwood, E. J. F. Ross, and B. P. Straugham. Publ. Butterworths, London (England), 1972. 1. 15. Pages 754-viii. References 3130.

This book contains 23 pages of introduction, 529 pages of compound index, 198 pages of references inclusive of a list of Journal referred to, and 24 pages of references to textbooks and reviews.

This book achieves fully the aims for which it has been written, even though its price is considerable. It will certainly be useful in every inorganic and organometallic laboratory where vibrational analysis is routinely employed for the characterization of compounds. Through some 3000 references, all the literature in the period 1935-1960 appears to be sufficiently covered.

One single reservation might be raised about the criterion chosen for the classification of compounds. In the specific case of organometallic compounds, the criterion used by *J. Organomet. Chem.* ought to have been employed. The unavoidable omission in such a large work will certainly be amended in the next editions, also through the cooperation of readers that the authors themselves are pleased to solicit. However, these omissions are far from spoiling this collection which aims at meeting the needs of researchers in the field of coordination and organometallic chemistry.

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The Typical Elements by A. G. Massey. Penguin Education Publisher, London (U.K.) (1972). List 3.75. Pages 312 - viii Figures 105 - Tables 47 Chapters 12.

This book is intended for those university students attending courses of Inorganic Chemistry. It deals with the typical elements and discusses their electronic configurations and physico-chemical properties. The subject matter appears clearly presented and provided with the necessary correlations between the groups. The concision in treatment is not accompanied by lack of scientific soundness. This book is a timely teaching aid and students will profit much from it.

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