

My overall impression of this book is that it does not fulfil the author's aims of being a tool for anyone, in particular students, seeking to learn about X-ray diffraction by crystals. This impression has been checked by submitting some chapters of the book to final-year students (already exposed to crystallography). It was agreed that a major fault in this book is the very little attempt to explain the physical and mathematical principles supporting X-ray crystallography. Fewer arguments, treated in more detail,

would have provided a useful student textbook of the same size and price.

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Books Received

The following books have been received by the Editor. Brief and generally uncritical notices are given of works of marginal crystallographic interest; occasionally a book of fundamental interest is included under this heading because of difficulty in finding a suitable reviewer without great delay.

Solid-state physics literature guide. Vol. 5. Bibliography of magnetic material and tabulation of magnetic transition temperatures. Compiled by T. F. CONNOLLY and EMILY D. COPENHAVER. Pp.180. New York: Plenum Press, 1972. Price \$23.00.

An extensively referenced compendium of magnetic transition temperatures, this comprehensive and up-to-date volume offers lists – alphabetically arranged by compound – of both Curie and Néel temperatures. In addition to citing the 2478 references received by RMIC through May 1972 from which the entries in this volume are taken, it also provides a listing of books, recent reviews, and other compilations and sources of information on magnetics literature.

Index of crystallographic supplies. Edited by REUBEN RUDMAN. Pp.vii+57. Utrecht: Oosthoek, 1972. Price f10, (\$3.50 or £1.35).

This is the third edition of the *Index of Crystallographic Supplies* prepared on behalf of the International Union of

Crystallography by its Commission on Crystallographic Apparatus. The first was compiled in 1956 and the second in 1959.

The information included in the Index was gathered from replies to a questionnaire which was sent to a wide range of manufacturers and suppliers throughout the world. It is not intended as complete and exhaustive but it should provide a convenient starting point for the location of the appropriate sources of equipment and materials of use to crystallographers.

The present text does not present itemized detail but provides general information which should be of particular assistance to crystallographers in smaller countries or in more isolated locations who may wish to track down sources of crystallographic supplies.

Copies of this publication have been distributed free of charge to all subscribers to *Acta Crystallographica* and *Journal of Applied Crystallography*. Additional copies can be purchased from A. Oosthoek's Uitgevers Mij N. V., Doomstraat 5-13, Utrecht, The Netherlands. In the event of foreign exchange difficulties, UNESCO coupons will be accepted. Orders can also be placed with Polycrystal Book Service (P. O. Box 11567, Pittsburgh, Pa. 15238, U. S. A.) or with any bookseller.