

Notes and News

Announcements and other items of crystallographic interest will be published under this heading at the discretion of the Editorial Board. The notes (in duplicate) should be sent to the Executive Secretary of the International Union of Crystallography (J. N. King, International Union of Crystallography, 13 White Friars, Chester CH1 1NZ, England).

Acta Crystallographica Ten-year index 1958 – 1967

A cumulative index for Volumes 11–23 (1958–1967) of *Acta Crystallographica* has just been published, and is available directly from Munksgaard International Publishers Ltd, 35 Nørre Søgade, DK-1370 Copenhagen K, Denmark, or from Polycrystal Book Service, P.O. Box 11567, Pittsburgh, Pennsylvania 15238, U.S.A. The price is 120 Danish kroner (currently about U.S. \$20). Copies for the personal use of scientists, however, may be obtained at the special price of 60 Danish kroner. These prices include postage.

Not only does this cumulative index save the trouble of looking at the indexes to thirteen separate Volumes (there were six Volumes in the years 1965–1967), but it should also avoid the irritation liable to be caused by the changes in arrangement over the years. As in all earlier indexes, each of the Volumes 11–13 combined author and subject entries in a single alphabetical list. In all subsequent Volumes there are separate subject and author indexes, but with Volume 14 the author entries ceased to give the titles of the papers.

These defects have been remedied in the cumulative index, which adopts the arrangement introduced with Volumes A24 and B24. That is to say there are separate subject and author indexes but the author index gives the full title of each paper once, each main entry being cross referenced under the names of all authors other than the first.

The complete index contains 146 pages and, like that for Volumes 1–10, is bound in a similar manner to the relevant issues of the journal.

Steroid Hormones: Molecular Structure and Protein Interactions

A symposium under the above title, sponsored by the Medical Foundation of Buffalo Research Laboratories, is to be held to mark the occasion of the publication of *Atlas of Steroid Structure*, Vol. I. The symposium will take place at Buffalo on 23 and 24 October 1975. Further information can be obtained from Dr William L. Duax, Medical Foundation of Buffalo Research Laboratories, 73 High Street, Buffalo, New York 14203, U.S.A.

Book Review

Works intended for notice in this column should be sent direct to the Book-Review Editor (M. M. Woolfson, Physics Department, University of York, Heslington, York YO1 5DD, England). As far as practicable books will be reviewed in a country different from that of publication.

Advances in structure research by diffraction methods. Vol. 5. BY W. HOPPE AND R. MASON. Pp. 120, Figs. 26, Tables 15. Oxford: Pergamon Press, 1974. Price (cloth) £6.00, \$13, DM 36.

This book is the fifth volume of the well known series *Advances in Structure Research by Diffraction Methods (Fortschritte der Strukturforchung mit Beugungsmethoden)*. It comprises two articles, both written in English. The first, by A. C. Wright, *The Structure of Amorphous Solids by X-ray and Neutron Diffraction* (84 pages) is divided into two parts. The first part deals with the general theory and experimental methods used in the study of all types of amorphous solid, by both X-ray and neutron diffraction, and the second gives a discussion and detailed bibliography of work on one particular class of materials, namely inorganic glasses. The review is written in a clear and concise way. It gives a good insight into the vital role which X-ray and neutron diffraction play in the determination of glass structure, but also stresses their limitations. Because of its critical evaluation of theoretical and experimental approaches the article is of interest to all scientists using dif-

fraction techniques for structure determinations. There are 398 references.

The second article, by W. Zeil, is entitled *Molecular Structure Determination by Electron Diffraction on Gases: Progress and Results*. Because of some recently published review articles mentioned in the references, the author has restricted himself to giving a short summary of the topic (33 pages). This has the disadvantage of mentioning many facts without giving a critical discussion. The article starts with a short review of experimental procedures and equipment, and of the theory of electron diffraction by gases. Of the various procedures applied for analysing electron diffraction patterns, only the procedure used in the author's laboratory is described in some detail. The article finishes with a summary of some interesting recent results of the determination of molecular structures by electron diffraction combined with microwave and vibrational spectroscopy. There are 105 references.

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