

wards the high energy dynamical treatments described by both Howie and Whelan in the book, and the comparison would have been very instructive.

The principles and applications of scanning electron microscopy are set out very clearly by Booker in three consecutive chapters. The very wide range of applications of these instruments is demonstrated with an interesting variety of micrographs.

The book is beautifully produced and the quality of the prints is very high, but then this should be the case for a

price of £12.60. It can be recommended to any scientist interested in the structure of materials and the techniques that can be deployed to elucidate this structure and it is an essential part of any library of works on electron microscopy.

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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 Journal of Applied Crystallography

Subscribers wishing to obtain their copies of *Journal of Applied Crystallography* or *Acta Crystallographica* by air mail should write to the Subscription Department, Munksgaard International Publishers Ltd., 35 Nørre Søgade, DK-1370 Copenhagen K, Denmark, or to Polycrystal Book Service, P.O. Box 11567, Pittsburgh, Pa. 15238, U.S.A. for details of the additional cost.

New Volume of *Structure Reports*

Volume 27 of *Structure Reports* covering the literature for 1962, was published in December 1971, at a price of 200 Netherlands Guilders. Orders may be placed with A. Oosthoek's Uitgevers N.V., Domstraat 5-13, Utrecht, The Netherlands, with Polycrystal Book Service, P.O. Box 11567, Pittsburgh, Pa. 15238, U.S.A. or with any bookseller.

Full details of various price reductions for standing orders and the ten-year sets, and of personal prices for *Structure Reports* were given in *Acta Cryst.* A 24 (1968), 703 and B 24 (1968), 1398 and in *J. Appl. Cryst.* 1 (1968), 196. Note, however, that the discounts for the ten-year sets continue to be available.

Advanced Study Institute on the Experimental Aspects of X-ray and Neutron Single Crystal Diffraction Methods, Aarhus, Denmark, 31 July - 11 August 1972

This institute is intended primarily for advanced students or young research workers with research experience in one or both of these branches of crystallography. About 80 participants can be accommodated and they will be given the opportunity of assessing the potentialities of the most recent experimental developments. Ample time will be provided for discussions. The lectures will be: S. Abrahamsson (Göteborg), U. W. Arndt (Cambridge), P. Coppens (Buffalo), D. Feil (Twente), J. B. Forsyth (Harwell), W. Hamilton (Brookhaven), W. Hoppe (Munich), G. Lenhert (Vanderbilt), H. Maier-Leibnitz (Grenoble), S. W. Peterson (Argonne), G. S. Pawley (Edinburgh), R. Thomas (Brook-

haven), B. T. M. Willis (Harwell) and R. A. Young (Georgia). Requests for application forms or further information should be directed to Professor S. E. Rasmussen, Department of Inorganic Chemistry, Institute of Chemistry, Aarhus University, 8000 Aarhus C, Denmark. The deadline for applications is 1 April 1972.

World Directory of Crystallographers

The fourth edition of this Directory appeared in November 1971. It contains short biographical data of 6,982 scientists from 57 countries, arranged in alphabetical order by countries, and individuals within the countries. The biographical data include (a) full name and title; (b) year of birth; (c) information on field of study, university and year of highest degree; (d) present position, name and address of institution; (e) in some cases private address; and (f) major scientific interests.

Individual copies of the World Directory of Crystallographers can be obtained from A. Oosthoek's Uitgevers N.V., Domstraat 5-13, Utrecht, The Netherlands, or Polycrystal Book Service, P.O. Box 11567, Pittsburgh, Pa. 15238, U.S.A., at a cost of U.S. \$5.00, post free.

Second International Conference on the Properties of Liquid Metals, Tokyo, Japan, 3-8 September 1972

This conference will be held at the conference hall of the Science Council of Japan in Tokyo under the auspices of the Japan Institute of Metals, The Physical Society of Japan and the Iron and Steel Institute of Japan. The main subjects covered by the conference will be structures, electronic states, electronic and atomic transport properties and thermodynamic properties of liquid metals and alloys, and melting phenomena of metals. Persons wishing to present contributed papers must return the appropriate form to the organizers before 15 April 1972. The proceedings of the conference will be published about March 1973. Further information may be obtained from Professor M. Tanaka, Secretary of the Organizing Committee, Department of Applied Science, Faculty of Engineering, Tohoku University, Sendai 980, Japan.