

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).

Dr Walter C. Hamilton 1931–1973

Dr Walter C. Hamilton, a Co-editor of *Acta Crystallographica* since 1969, died on Tuesday 23 January 1973. A full obituary notice will be published later.

New Volume of *Structure Reports*

Volume 29 of *Structure Reports*, covering the literature for 1964, was published in December 1972, at a price of 180 Netherlands Guilders. Orders may be placed with A. Oosthoek's Uitgeversmij N. V., Domstraat 5–13, Utrecht, The Netherlands, with Polycrystal Book Service, P. O. Box 11567, Pittsburgh, Pennsylvania 15238, U.S.A. or with any bookseller.

Prices of earlier volumes were given in *Acta Cryst.* (1972), A28, 299–300 and B28, 1317 and in *J. Appl. Cryst.* (1972), 5, 145–146.

Molecular Structures and Dimensions

Interatomic Distances 1960–65, Organic and Organometallic Crystal Structures will be published for the International Union of Crystallography and the Crystallographic Data Centre, Cambridge by Oosthoek Publishing Company in March 1973 at a price of Netherlands guilders 175 (equivalent to U.S. \$57.00 or £23.70 at present rates of exchange). Copies for the personal use of scientists may be obtained at a reduced price of Netherlands guilders 125 (U.S. \$40.50 or £16.90).

This book, Volume A1 in the *Molecular Structures and Dimensions* series, is a continuation of *Tables of Interatomic Distances and Configuration in Molecules and Ions* which

covered the literature up to the end of 1959. It has been prepared by the Crystallographic Data Centre, Cambridge and contains numerical data, including bond lengths, bond angles and torsion angles, for about 1,300 structures analysed by X-ray and neutron diffraction. The entries are illustrated by specially prepared stereoscopic diagrams and chemical formulae. All bond lengths were checked by computer and errors detected were traced and corrected as far as possible. Torsion angles of greatest conformational interest were selected and these were calculated from published coordinates. Only rarely have they been listed in the original publication. There are extensive summary tables of bond lengths, arranged by element-pairs, and a variety of indexes.

Volume 4 in the Molecular Structure and Dimensions series, *Bibliography 1971–1972, Organic and Organometallic Crystal Structures*, will also be published in March 1973. It contains classified bibliographic information for structures publishing during 1971–1972. Entries are arranged in 86 chemical classes and cover organic compounds, complexes, organometals and organometalloids. The price of Volume 4 is Netherlands guilders 55 (U.S. \$18.00 or £7.50). Copies for the personal use of scientists may be obtained at a reduced price of Netherlands guilders 39 (U.S. \$12.50 or £5.30). The prices of all volumes in the series are fixed in Netherlands guilders. The U.S. \$ and sterling equivalents given in this notice are subject to exchange rate fluctuations.

Both of these volumes may be ordered from Oosthoek Publishing Company, Domstraat 5–13, Utrecht, The Netherlands. Alternatively orders may be placed with Polycrystal Book Service, P.O. Box 11567, Pittsburgh, Pennsylvania 15238, U.S.A., with the Crystallographic Data Centre, Lensfield Road, Cambridge CB2 1EW, England or with any bookseller.

Book Reviews

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.

The crystalline state. Von PETER GAY. S.ix + 348 Edinburgh: Oliver & Boyd, 1972. Preis £5.

Die Konzeption des Buches besteht darin, eine moderne Einführung in den Kristallzustand zu bieten, die für Studenten verschiedenster Fachrichtungen zugänglich ist. Dieser Konzeption entsprechend ist der Text des Buches und sind die mathematischen Ausführungen abgefasst.

Das Buch umfasst elf Kapitel mit vier Anhängen. Es gliedert sich im wesentlichen in drei Hauptthemen, in geometrische Kristallographie, Wechselwirkung von Rönt-

genstrahlung mit kristalliner Substanz und physikalische Eigenschaften im Kristallzustand.

Die geometrische Kristallographie umfasst die Kapitel 2 bis 7. In diesen Kapiteln wird eine besonders für den Anfänger verständliche, übersichtliche und einprägsame Darstellung der Geometrie und Symmetrie der zwei- und dreidimensionalen Gitter und des Zusammenhanges zwischen Gitter und Struktur gegeben. Sehr ausführlich wird die stereographische Projektion behandelt. Ausgezeichnet ist die Darstellung des Zusammenhanges zwischen Kristallsystemen und Kristallklassen jeweils auf einer Textseite