

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).

New Co-editor of *Acta Crystallographica*

The Executive Committee of the International Union of Crystallography has approved the appointment of Professor G. A. Jeffrey as a Co-editor of *Acta Crystallographica*. Professor Jeffrey will take up this work on 1 August 1973. His address is given in the list of Co-editors on the inner front cover of this issue.

Conference on Anomalous Scattering, Madrid, Spain, 22–26 April 1974

This specialist inter-Congress conference, organized by the Commission on Crystallographic Apparatus of the International Union of Crystallography, will take place at the Consejo Superior de Investigaciones Científicas, Madrid. The purpose of this Conference is to assess the experimental and theoretical errors that arise in the measurement and interpretation of anomalous scattering of X-rays, neutrons and electrons. Topics under consideration include the accuracy of anomalous-scattering measurement using characteristic X-radiation, continuous X-radiation, X-radiation at an absorption edge, neutrons, and electrons; the effects of dispersion corrections on atomic parameters and the accuracy of the dispersion corrections; the application of anomalous scattering to structure determination; the probability of error in absolute-configuration determination; the relation of absolute atomic arrangement to macroscopic tensorial properties; novel uses of anomalous scattering, such as Mössbauer effect and electron scattering; other applications of anomalous scattering. It is proposed to publish the proceedings of the Conference. Participation in the Conference, which will be limited to a total attendance of about 125 specialists for optimum discussion and interaction, is by invitation only. Further information may be obtained from Dr S. C. Abrahams, Bell Laboratories, Murray Hill, New Jersey 07974, U.S.A.

U.S.A. Inter-Congress Symposium on Intra- and Intermolecular Forces, Pennsylvania State University, 14–16 August 1974

This meeting, which is sponsored by the International Union of Crystallography, will be held immediately prior to the meeting of the American Crystallographic Association at the Pennsylvania State University 19–24 August 1974. The topics of the symposium are (i) theoretical and experimental determination of nonbonded interactions, (ii) models for calculation of molecular conformation, (iii) molecular and ionic packing in crystals, (iv) vibrational and spectroscopic analyses, (v) nonbonded interactions in polymers and (vi) conformational calculations for proteins and other biological macromolecules. It is intended that the programme will appeal to non-crystallographers with an interest in intra- and intermolecular forces, as well as to crystallographers. Copies of the First Circular and further information may be obtained from Professor D. E. Williams, Chemistry Department, University of Louisville, Louisville, Kentucky 40203, U.S.A.

Tenth General Assembly and International Congress of Crystallography Preliminary Announcement

At the invitation of the Stichting voor Fundamenteel Onderzoek der Materie met Röntgen- en Elektronenstralen the Tenth General Assembly and International Congress of Crystallography of the International Union of Crystallography will be held at the R.A.I. Congress Centre, Amsterdam, The Netherlands, 7–15 August 1975.

The first formal announcement will appear in *Acta Crystallographica* at the end of 1973 or early in 1974 and will give the address from which copies of the First Circular can be obtained. In addition, copies of this First Circular will be sent to all National Committees for Crystallography.

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.

Early paper on diffraction of X-rays by crystals. Vol. II.
Edited by J. M. BIJVOET, W. G. BURGERS and G. HÄGG.
Pp. xix + 484. Utrecht: Oosthoek, 1972. Price £10.80.

This work is of particular interest to the reviewer, because it is a collection of the publications he and his colleagues read and discussed during the years 1933 to 1936 when he was one of Professor Linus Pauling's graduate students in the Chemistry Department of the California Institute of Technology. The fundamental discoveries necessary for the

development of the science of X-ray crystallography had been made by about 1930; the papers collected in the five chapters of the first volume of this work cover this subject matter beautifully. The second volume, which is the subject of this review, contains an intelligent selection of papers from which the early growth of the science of crystal structure determination can be traced.

Chapter VI, the first in Volume II, contains selections from the works which eventually led to the symbols for space groups and the tables of their symmetrically related