

Crystallographers

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This section is intended to be a series of short paragraphs dealing with the activities of crystallographers, such as their changes of position, promotions, assumption of significant new duties, honours, etc. Items for inclusion, subject to the approval of the Editorial Board, should be sent to the Executive Secretary of the International Union of Crystallography (J. N. King, International Union of Crystallography, 5 Abbey Square, Chester CH1 2HU, England).

Professor **F. Arrese-Serrano** died on 17 October 1982. He received his doctor's degree and became docent in crystallography. His thesis described research on the crystal structure of several ammonium salts, conducted at the University of Madrid. In 1969 he became Professor of Crystallography and Mineralogy at the University of Zaragoza, where in spite of poor health over many years he formed a research group in epitaxy and crystal growth.

Professor **Dorothy Hodgkin** has been awarded the Soviet Academy of Science's Mikhail Lomonosov gold medal for her outstanding achievements in biochemistry and crystal chemistry.

Dr **Aaron Klug**, of the MRC Laboratory of Molecular Biology, Cambridge, has been awarded the Nobel Prize for Chemistry for his work on electron microscopy and X-ray crystallography in relation to nucleic acid complexes, in particular the structure of viruses and chromosomes.

Professor **B. Post**, Professor of Physics and Chemistry at the Polytechnic Institute of New York, received the fifth Bertram E. Warren Award for his contribution to simultaneous many-beam dynamical diffraction theory and the application of these results to a solution of the phase problem of X-ray crystallography.

Professor **S. E. Rasmussen**, Aarhus University, Denmark, has been appointed as a Co-editor of *Journal of Applied Crystallography*. His full address is given on the inside front cover of the journal.

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International Tables for Crystallography

Since 1973 the Commission on *International Tables* has been preparing the material for a totally revised and extended edition of the tables of symmetry groups. The results of these years of collaborative effort have led to the production of completely new tables on the 17 plane groups and 230 space groups, comprising about 630 pages. This work is complemented by a comprehensive introduction of about 200 pages in which symmetry is discussed and the theory and use of the tables is described in detail. It is edited by Th. Hahn and will be published for the Union by D. Reidel Publishing Company. The publication of this volume was scheduled for the end of 1982 but because of various delays it is not now expected to be available before mid 1983.

Table of Contents: Forward. Preface. Part I: *Tables for Plane Groups and Space Groups*. 1. *Symbols and Terms Used in this Volume*. 2. *Guide to the Use of the Space-Group Tables*. 3. *Space-Group Determination and Diffraction Symbols*. 4. *Synoptic Tables of Space-Group Symbols. Group-Subgroup Relations*. 5. *Transformations in Crystallography*. 6. *The 17 Plane Groups (Two-Dimensional Space Groups)*. 7. *The 230 Space Groups*. Part II: *Symmetry in Crystallography*. 8. *Introduction to Space-Group Symmetry*. 9. *Crystal Lattices*. 10. *Point Groups and Crystal Classes*. 11. *Symmetry Operations*. 12. *Space-Group Symbols and Their Use*. 13. *Isomorphic Subgroups of Space Groups*. 14. *Lattice Complexes*. Subject Index.

The volume costs 385 Netherlands Guilders. Personal copies may be obtained at the reduced price of 215 Netherlands Guilders.

The remaining stocks of Volumes II (*Mathematical Tables*) and IV (*Revised and Supplementary Tables to Volumes II and III*) of *International Tables for X-ray Crystallography* have been transferred from The Kynoch Press to Reidel, who have just reprinted Volume III (*Physical and Chemical Tables*). Volume II costs 130 Guilders and Volumes III and IV 155 Guilders. Personal copies may be obtained at the reduced prices of 77 Guilders (Volume II) and 105 Guilders (Volumes III and IV).

Copies of all these publications may be ordered direct from the publisher, D. Reidel Publishing Company, PO Box 17, 3300 AA Dordrecht, The Netherlands, from Polycrystal Book Service, PO Box 27, Western Springs, Illinois 60558, USA, or from any bookseller.

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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.

Современная кристаллография. (Contemporary crystallography). Том второй. **Структура кристаллов.** Б. К. Вайнштейн, В. М. Фридкин, В. Л. Инденбом. (Vol. 2. **Structure of Crystals.** By B. K. Vainshtein, V. M. Fridkin and V. L. Indenbom.) Pp. 359. Moscow: Nauka, 1979. Price 3r 40k. Том третий. **Образованные кристаллов.** А. А. Чернов, Е. И. Гиваргизов, Х. С. Багдасаров, Л. Н. Демьянец, В. А. Нузнецов, А. Н. Лобачев. (Vol. 3. **Crystal growth.** By A. A. Chernov, E. I. Givargizov, K. S. Bagdasarov, L. N. Demyanets, V. A. Kuznetsov and A. N. Lobachev.) Moscow: Nauka, 1980. Price 3r 20k. A review of these books, by J. Auleytner, has been published in the March 1983 issue of *Acta Crystallographica*, Section A, page 272.