

## International Union of Crystallography

*Acta Cryst.* (1985). A41, 620

### Structure Reports

Volume 46B of *Structure Reports* has recently been published. It is in two parts (1482 pages in all) and covers the literature for organic compounds (including organometallic compounds) for 1980. The price of the new volume is 510 Netherlands guilders for subscribers with standing orders. The full price for individual copies is 600 guilders but personal subscribers may buy a copy for their own use at 300 guilders. Orders for this publication may be placed direct with the publishers, D. Reidel Publishing Company, PO Box 17, 3300 AA Dordrecht, The Netherlands, with Polycrystal Book Service, PO Box 27, Western Springs, IL 60558, USA, or with any bookseller.

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### Compilation of Temperature Factors for Elements and Binary Compounds

The Commission on Neutron Diffraction has initiated a new project for compiling *accurate* temperature factors. The compilation will be restricted to elements and binary compounds. Later, it may be extended to other compounds, replacing the compilation published in Volume III of *International Tables for X-ray Crystallography*.

Interested crystallographers are requested to contact any one of the following:

Dr N. M. Butt, Nuclear Physics Division, PINSTECH, Post Office Nilore, Rawalpindi, Pakistan.

Dr G. Heger, Kernforschungszentrum, Karlsruhe IAK 1, Postfach 3640, D-7500 Karlsruhe, West Germany.

Dr B. T. M. Willis, Chemical Crystallography Laboratory, 9 Parks Road, Oxford, England.

A copy of a preliminary compilation can be obtained from Dr N. M. Butt.

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### Prices of *Acta Crystallographica* and *Journal of Applied Crystallography*

The Executive Committee of the International Union of Crystallography is pleased that it has not been necessary to increase the subscription rates and the prices of back numbers for *Acta Crystallographica* and *Journal of Applied Crystallography* as from 1 January 1986.

#### *Acta Crystallographica*

The following rates will apply for Volumes A42, B42 and C42 (1986). All subscription rates are fixed in Danish kroner. The US dollar equivalents are no longer given because of rapid fluctuations in exchange rates.

#### Complete volumes, regular price per volume

Sections A, B & C (combined subscription)	Dkr 5250
Section A only	Dkr 1275
Section B only	Dkr 1275
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The reduced-rate subscriptions are ordinarily only available to members of recognized scientific societies, and applications must be accompanied by a written undertaking that the journal is for the personal use of the subscriber and will not be made available to libraries, institutions, etc. These conditions also apply to persons wishing to order back numbers at the reduced rates.

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The price for single parts of any Section of Volume 42 (1986) is Dkr 320.

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The following rates will apply for Volume 19 (1986). All subscription rates are fixed in Danish kroner. The US dollar equivalents are no longer given because of rapid fluctuations in exchange rates.

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The same conditions apply to reduced-rate subscriptions as in the case of *Acta Crystallographica* (see above).

#### Single parts

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#### Airfreighting of copies to the USA and Canada

Deliveries of *Acta Crystallographica* and *Journal of Applied Crystallography* to the USA and Canada in 1986 will continue to be by air freight to New York and thence by second class mail. The use of this service is obligatory for all subscribers in those countries. The charges in Danish kroner are as given below.

*Acta Crystallographica*

Sections A, B &amp; C

(combined subscription)	Add Dkr 380
Section A only	Add Dkr 90
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Single parts of Volumes 1-23 are not available. The price of single parts of any Section of other Volumes is Dkr 320.

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Vols. 11-23 (1958-1967)	Dkr 120
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A few copies of the cumulative index for Volumes 1-10 (1948-1957) are also available, free of charge.

*Journal of Applied Crystallography**Complete volumes, regular price per volume*

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*Complete volumes, reduced price for individuals*

Vols. 1-18	Dkr 400
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*Single parts*

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Orders for *Acta Crystallographica* and *Journal of Applied Crystallography* may be addressed to Munksgaard International Publishers Ltd., 35 Nørre Søgade, DK-1370 Copenhagen K, Denmark. Orders from subscribers in North America may alternatively be placed through Polycrystal Book Service, PO Box 27, Western Springs, Ill 60558, USA.

**Book Reviews**

*Works intended for notice in this column should be sent direct to the Book-Review Editor (J. H. Robertson, School of Chemistry, University of Leeds, Leeds LS2 9JT, England). As far as practicable books will be reviewed in a country different from that of publication.*

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**Methods and applications in crystallographic computing.** Papers presented at the International Summer School on Crystallographic Computing held at Kyoto, Japan, 18-27 August 1983. Edited by S. R. HALL and T. ASHIDA. Pp. ix + 506. Clarendon Press, Oxford, 1984. Price £25.00.

This volume is the latest in a series containing the lectures given at Summer Schools sponsored by the IUCr Commission on Crystallographic Computing. The text of some 34 presentations, as well as a number of brief contributions by participants, is included, covering many aspects of crystallographic computing. Any crystallographer browsing through the index will recognise the names of many accepted experts in the field. It would be impossible within the space constraints of this review to comment in detail on every paper, so a brief description of the sections of the book will be given.

The first section, quite logically, is entitled *Data measurement and processing*. The reader is given a quick overview of diffractometer control techniques, and some of the more up-to-date methods of data collection in a couple of chapters by W. Clegg. H. D. Flack then looks at the correction of data for systematic effects. These chapters are bracketed by descriptions of topics that are less routinely available; the use of area detectors by U. W. Arndt, and a description of the data collection systems at the 'Photon Factory', a synchrotron radiation facility at Tsukuba, Japan.

*Solution techniques* covers a wide range of techniques. J. E. Johnson describes the application of Patterson methods to the structures of proteins. H. Shenk and his co-workers present three chapters on structure invariants and semi-invariants, covering an introduction to triplets and quartets, and their generation and application in symbolic addition programs such as *SIMPEL*. Multi-solution methods, as exemplified by the *MULTAN* family of routines, are described by M. M. Woolfson. The final three chapters in this section are devoted to macromolecules,