

International Union of Crystallography

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Commission on Journals Section Editors for *Acta Crystallographica*

At the XVI Congress and General Assembly of the IUCr in Beijing, it was decided to appoint separate editors for Sections A, B and C of *Acta Crystallographica*. C. E. Bugg remains as Editor-in-Chief of *Acta Crystallographica*, A. Authier was appointed Section Editor for *Acta Crystallographica* Section A, F. H. Allen for Section B and S. R. Hall for Section C. J. P. Glusker remains as Section Editor for *Acta Crystallographica* Section D.

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

The Executive Committee of the International Union of Crystallography is pleased to announce that there will be a 15% discount on the prices of the individual sections for subscribers taking out a combined subscription to Sections A + B + C + D of *Acta Crystallographica*. Subscribers taking out a combined subscription to Sections A + B + C will receive a 4% discount. **Individuals** may also take out a combined subscription to Sections A + B + D at a discount of 5%. Section D is no longer included automatically with the combined subscription to Sections A + B + C.

The Executive Committee has determined the following subscription rates and prices of back numbers for *Acta Crystallographica* and *Journal of Applied Crystallography* as from 1 January 1994.

Acta Crystallographica

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<i>Complete volumes, regular price per volume</i>	Dkr 1765
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Acta Crystallographica

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Journal of Applied Crystallography Add Dkr 70

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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*

Vols. 1-25	Dkr 1765
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Complete volumes, reduced price for individuals

Vols. 1-25	Dkr 485
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Single parts

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Cumulative Indexes for Vols. 1-20 (1968-1987)

<i>Regular price</i>	Dkr 160
<i>Reduced price for individuals</i>	Dkr 75

Orders

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 3439, Dayton, OH 45401, USA.

Book Reviews

Works intended for notice in this column should be sent direct to the Book-Review Editor (R. F. Bryan, Department of Chemistry, University of Virginia, McCormick Road, Charlottesville, Virginia 22901, USA). As far as practicable, books will be reviewed in a country different from that of publication.

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Macromolecular crystallography with synchrotron radiation. By J. R. HELLIWELL. Pp. xx + 595. Cambridge University Press, 1992. Price £95.00, US \$165.00. ISBN 0-521-33467-5.

The generation of a new scientific discipline, or advent of a new technique, is often marked by a progression from frontier scientific articles, to review articles and conference proceedings, to scholarly monographs and, finally, to graduate and undergraduate texts. John Helliwell made major contributions, through his scientific articles and conference presentations, to the birth of synchrotron-based macromolecular crystallography. This reviewer's copies of his review articles on this topic, written separately and with Trevor Greenough, are dog-eared and battered - testimony that they

are widely used and full of essential information. The present book is certain to suffer the same, surely desirable, fate! Aimed at researchers in a variety of disciplines spanning the biological and physical sciences, it reviews the theoretical and experimental foundations of conventional macromolecular crystallography before presenting a comprehensive description of the generation and nature of synchrotron radiation, of the instrumentation needed to harness the radiation and deliver it to the target crystal, and of the experimental techniques, both monochromatic and Laue, that exploit the radiation effectively and demonstrate its applicability to a wide range of problems in modern structural biology. For biochemists and biologists who conduct experiments at synchrotron sources, it answers the questions: 'what's upstream from my experiment?' and 'how do the X-rays get from the source to my crystal?' For the physicists and engineers who design the synchrotron sources or the beam lines, it answers different questions: 'just what are the structural biologists and crystallographers up to? Why