

International Union of Crystallography

Acta Cryst. (1979). A35, 1084–1085

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

The Executive Committee of the International Union of Crystallography has found it necessary to increase the yearly subscription rates and also the prices of back numbers for *Acta Crystallographica* and *Journal of Applied Crystallography* as from 1 January 1980. Every endeavour has been made to keep these increases to a minimum.

Acta Crystallographica

The following rates will apply for Volumes A36 and B36 (1980). All subscription rates are fixed in Danish kroner, and the US dollar equivalents given below are subject to exchange-rate fluctuations and amendment without notice.

Complete volumes, regular price per volume

Sections A & B (combined subscription)	Dkr 2265	(\$ 436.00)
Section A only	Dkr 565	(\$ 109.00)
Section B only	Dkr 1910	(\$ 367.00)

Complete volumes, reduced price for individuals

Sections A & B (combined subscription)	Dkr 935	(\$ 180.00)
Section A only	Dkr 235	(\$ 45.00)
Section B only	Dkr 790	(\$ 152.00)

All subscribers in the USA and Canada should add to the above subscription rates the additional charges for airfreighting as mentioned below.

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.

Single parts

The prices of single parts are as follows:

Vol. A36	Dkr 140	(\$ 27.00)
Vol. B36	Dkr 240	(\$ 46.00)

Journal of Applied Crystallography

The following rates will apply for Volume 13 (1980). All subscription rates are fixed in Danish kroner, and the US dollar equivalents given below are subject to exchange-rate fluctuations and amendment without notice.

Complete volumes, regular price per volume Dkr 550 (\$ 106.00)

Complete volumes, reduced price for individuals Dkr 270 (\$ 52.00)

All subscribers in the USA and Canada should add to the above subscription rates the additional charge for airfreighting as mentioned below.

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

Single parts

The price for single parts of Volume 13 (1980) is Dkr 140 (\$27.00).

Airfreighting of copies to the USA and Canada

Deliveries of *Acta Crystallographica* and *Journal of Applied Crystallography* to the USA and Canada in 1980 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 (combined subscription)	Add Dkr 80	(\$ 15.00)
Section A only	Add Dkr 25	(\$ 5.00)
Section B only	Add Dkr 60	(\$ 11.00)

Journal of Applied Crystallography Add Dkr 25 (\$ 5.00)

Since the charges are fixed in Danish kroner, the US dollar equivalents are subject to exchange-rate fluctuations.

Prices of back numbers

The prices of back numbers have been increased so that they are the same as the subscription rates for the volumes to be published in 1980. The prices of Volumes 1–23 of *Acta Crystallographica*, which were published before the journal was divided into two sections, have been increased to the same price as the A volumes. The prices are fixed in Danish kroner and the US dollar equivalents given below are subject to exchange-rate fluctuations.

Acta Crystallographica

Complete volumes, regular price per volume

Vols. 1–23	Dkr 565	(\$ 109.00)
Combined Vols. 24–35	Dkr 2265	(\$ 436.00)
Vols. A24–A35	Dkr 565	(\$ 109.00)
Vols. B24–B35	Dkr 1910	(\$ 367.00)

Complete volumes, reduced price for individuals

Vols. 1–23	Dkr 235	(\$ 45.00)
Combined Vols. 24–35	Dkr 935	(\$ 180.00)
Vols. A24–A35	Dkr 235	(\$ 45.00)
Vols. B24–B35	Dkr 790	(\$ 152.00)

Single parts

The prices of single parts are as follows:

Vols. A24–A35	Dkr 140	(\$ 27.00)
Vols. B24–B35	Dkr 240	(\$ 46.00)

Single parts of Volumes 1–23 are not available.

Cumulative Indexes, regular price

Vols. 11–23 (1958–1967)	Dkr 120	(\$ 22.00)
Vols. 24–28 (1968–1972)	Dkr 120	(\$ 22.00)

Cumulative Indexes, reduced price for individuals

Vols. 11–23 (1958–1967)	Dkr 60	(\$ 11.00)
Vols. 24–28 (1968–1972)	Dkr 60	(\$ 11.00)

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. 1–12	Dkr 550	(\$ 106.00)
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Complete volumes, reduced prices for individuals

Vols. 1–12	Dkr 270	(\$ 52.00)
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Single parts

The price of single parts is as follows:

Vols. 1–12	Dkr 140	(\$ 27.00)
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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 11567, Pittsburgh, Pa 15238, USA.

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Early History of the Union

Dr R. C. Evans, the first General Secretary of the Union, is preparing a history covering the first few years of the Union's existence and the events which led up to the establishment of the Union. He would be very pleased to hear from anyone who has recollections or correspondence of this period, prior to 1950, and may be contacted at 55 Boxworth Road, Elsworth, Cambridge CB3 8JQ, England.

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Radiation Leakage around X-ray Tube Shields

The Union's Commission on Crystallographic Apparatus recommends that the radiation level around X-ray tube shields should be carefully checked, because considerable leakage has been detected in some laboratories. Particular care should be taken when high-energy tubes are used and when tubes made by one manufacturer are enclosed in shields made by a different manufacturer.

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.

Acta Cryst. (1979). A35, 1085–1086

Introduction to the theory of thermal neutron scattering. By G. L. SQUIRES. Pp. VII + 260. Cambridge University Press, 1978. Price £16.00.

The book has its origin in lectures given at a summer school at Cambridge in 1973. This is a theoretical book which consists of nine chapters and nine appendices. Problem examples are given at the end of each chapter (except 1, 2 and 5), and their solutions are given at the end of the book. The titles of the chapters are: *Introduction, Nuclear scattering – basic theory, Nuclear scattering by crystals, Correlation functions in nuclear scattering, Scattering by liquids, Neutron optics, Magnetic scattering – basic theory, Scattering from magnetically ordered crystals, Polarization analysis.* The appendices contain summaries of results of quantum mechanics

and solid-state physics relevant to the subject of thermal neutron scattering.

Most of the chapters have a similar, well planned structure. They start with simple definitions then, using properties of the scattering system and results of quantum mechanics and solid-state physics (from the appendices), the scattering cross section for thermal neutrons is derived. The plan of the book is quite efficient. The basic problem of nuclear scattering is derived first, the extension to crystals, correlation function techniques, liquids and magnetic systems follows very smoothly.

As the author's preface explains, the book is intended for experimenters in the field of thermal neutron scattering who wish to see the theoretical ideas in a not too formal manner. As an experimenter, it seems to me that one can indeed find theoretical ideas and derivations for most of the formulae he has been using in the field of thermal neutron scattering.