

International Union of Crystallography

Journal of Applied Crystallography

Acta Crystallographica

The Executive Committee of the International Union of Crystallography has pleasure in announcing two important developments in the Union's publishing activities: the launching of the *Journal of Applied Crystallography*, and the expansion of *Acta Crystallographica* by publication in two Sections. The object of these developments is to extend the scope of the Union's journals so that they become more truly a reflexion of the range of interest of all crystallographers.

Journal of Applied Crystallography

The *Journal of Applied Crystallography* will be a new international journal concerned with methods, apparatus, problems and discoveries in applied crystallography. It will deal with the application of existing crystallographic techniques to practical problems and with developments in crystallography that have a prospect of future application. It is intended to meet the needs of those scientists in governmental, industrial and university research laboratories who use crystallographic techniques, especially diffraction methods, to study materials and to control their quality.

Publication is planned to start in April 1968. Each yearly volume will consist of six parts (possibly five in 1968) published every two months.

The Union is glad to announce the appointment as Editor of Professor A. Guinier, Faculté des Sciences, Université de Paris. A distinguished team of Co-editors is being assembled and their names will be announced shortly. The journal will be published for the Union by Messrs Munksgaard of Copenhagen.

Papers for the Journal of Applied Crystallography are invited immediately and these should be submitted to A. Guinier, Service de Physique des Solides, Bâtiment 210, 91 Orsay, France. The conventions for the preparation of manuscripts will be generally similar to those for *Acta Crystallographica*. Half-tone illustrations can be printed as a matter of routine. Further enquiries on style, manner of treatment, suitability of topics, *etc.* should be addressed to Professor Guinier.

The languages of publication will be English, French, German and Russian. Short Communications will be published rapidly. Each paper or Short Communication will be accompanied by an abstract in English. The language for announcements, *etc.* will be English.

Papers will be accepted on such topics as the applications of crystallographic techniques to analytical problems (including the rapid publication of powder data for identification), to metallography, to chemistry (with the exception of structure determination), to solid-state physics (degree of order, imperfections, *etc.*), to the determination of lattice parameters, crystallite size, strain, *etc.*, to the study of crystalline orientation, texture of polycrystalline samples, preferred orientation, and to the study of fibrous, partly crystalline, amorphous and liquid materials. Papers will be welcome on instrumentation (other than that directly concerned with structure determination), on experimental techniques, crystallographic aids, charts, graphs, specimen

preparation, crystal growth, *etc.*, and on related techniques (electron microscopy, electron microprobe, spectroscopy, *etc.*). There will be book reviews and leading articles on aspects of crystallography that are of general, educational or cultural interest.

The Editors of the *Journal of Applied Crystallography* and of *Acta Crystallographica* will work in close harmony, especially over papers on border-line subjects. These will be placed on the basis of the author's wishes, their apparent purpose and the manner of treatment.

Prices

The subscription rate for the *Journal of Applied Crystallography* will be 240 Danish kroner. *At the present rates of exchange* subscriptions will be accepted at \$35 or £12.12.0. Individual parts may be purchased at 60.00 Danish kroner, or \$8.75 or £3.3.0. All orders should be addressed to Messrs Munksgaard Limited at Prags Boulevard 47, Copenhagen S, Denmark. A preferential subscription rate of 120 Danish kroner or \$17.50 or £6.6.0 will be available to individuals for their *personal use only*, who should ordinarily be members of recognized scientific societies and must give an undertaking accompanying their subscription application that the journal is for their personal use and will not be made available to libraries, institutions, *etc.*

Acta Crystallographica

From January 1968 *Acta Crystallographica* will be published in two sections:

- Section A – Crystal physics, diffraction, theoretical and general crystallography.
Published as one Volume, six parts per year.
- Section B – Structural crystallography and crystal chemistry.
Published as one Volume, twelve parts per year.

Acta Crystallographica was first published in 1948 and quickly established its reputation as a major scientific journal. Its size has grown from 344 pages in the first year to 2273 pages in 1966; this is an average increase of over 10% per annum. There are now 2350 subscribers. *Acta* has proved to be particularly effective as the prestige journal for the publication of papers related to the theory, techniques and results of crystal-structure analysis. The very success of *Acta* in these fields appears to have deterred papers on the more physical aspects of crystallography, for only about 15% of the papers in *Acta* in recent years have been non-structural, and these represent only a small fraction of the important papers in the fields concerned.

To emphasize that papers on crystal physics, diffraction, theoretical and general crystallography are welcome, they will now be published separately as Section A, where they can be read without seeming to be submerged by the great number of structural papers. It is hoped that this separation

will appeal to crystallographers and that there will be an increased flow of papers on the physical side. To maintain the unity of the subject there will continue to be a single Editorial Board for the journal, and it may be expected that most crystallographers will wish to read both sections, even if their interest is primarily focused on one of them. Particular efforts will be made by the Editors and the Publishers to achieve still further reductions in the publication times for papers.

For convenience of reference there will be one Volume of each Section per year. In 1968 Volume A24 of Section A will be published in six bi-monthly parts, and Volume B24 of Section B will be published in twelve monthly parts, with an additional title page at the beginning of the July part to enable Section B to be bound up twice a year.

Papers for *Acta Crystallographica* should be submitted as before to one of the Co-editors. Authors are asked to indicate the Section in which they wish the paper to appear.

Prices

It is a regrettable but necessary accompaniment to each expansion of *Acta* that prices must be increased. The alternative of introducing page charges has been carefully considered but there are many objections to such a system in an international journal, and the only practical method of financing the continuing expansion of *Acta* is by increased subscription rates. The present basic rate of 400 Danish kroner has proved just adequate to meet the cost of the 1966 and 1967 volumes, but is insufficient to meet any further expansion or to build up a proper reserve. (The present reserve is equal to the cost of production for only three months and is less than the sum of the subventions received between 1947 and 1958, which enabled *Acta* to be started.) Constant efforts are made by the Union Officers to reduce costs, and several appreciable savings have been achieved during recent negotiations with the publishers. From the number of manuscripts already in the hands of the Editors it seems certain that the size of the 1968 volumes will be larger than ever, and it has been necessary to set new prices on the assumption that this trend will continue.

The Executive Committee has decided that the regular yearly subscription rates from 1 January 1968 should be 600 Danish kroner for Sections A and B if taken as a combined subscription, 200 Danish kroner for Section A alone, and 500 Danish kroner for Section B alone. New subscribers should address their orders to Messrs Munksgaard Limited

at Prags Boulevard 47, Copenhagen S, Denmark. Preferential prices will continue to be available for personal subscribers and the rates will be 300 Danish kroner for sections A and B if taken as a combined subscription, 100 Danish kroner for Section A alone, and 250 Danish kroner for Section B alone. New personal subscribers should ordinarily be members of recognized scientific societies and must give an undertaking accompanying their subscription application that the journal is for their personal use and will not be made available to libraries, institutions, etc.

The original stocks of the early volumes of *Acta Crystallographica* are now becoming exhausted and arrangements have had to be made to start reprinting volumes no longer available. To meet the cost of the reprinting it is necessary to increase the prices for back numbers of Volumes 1-13.

At the present rates of exchange the following prices for back and current numbers will be valid for orders placed after 1 January 1968:

Complete volumes, regular price per volume

Vols. 1-4	D.kr. 150 (\$21.90 or £7.17.6)
Vols. 5-17	D.kr. 240 (\$35.00 or £12.12.0)
*Vols. 18-23	D.kr. 200 (\$29.20 or £10.10.0)
Combined Vols.	
A24 and B24 →	D.kr. 600 (\$87.60 or £31.10.0)
Vols. A24 →	D.kr. 200 (\$29.20 or £10.10.0)
Vols. B24 →	D.kr. 500 (\$73.00 or £26.5.0)

Complete volumes, reduced price for individuals

Vols. 1-4	D.kr. 75 (\$10.95 or £3.18.9)
Vols. 5-17	D.kr. 120 (\$17.50 or £6.6.0)
*Vols. 18-23	D.kr. 100 (\$14.60 or £5.5.0)
Combined Vols.	
A24 and B24 →	D.kr. 300 (\$43.80 or £15.15.0)
Vols. A24 →	D.kr. 100 (\$14.60 or £5.5.0)
Vols. B24 →	D.kr. 250 (\$36.50 or £13.2.6)

Single parts

Vols. 1-4	D.kr. 30 (\$4.40 or £1.11.6)	} No reduction for personal subscribers
Vol. 5	D.kr. 60 (\$8.75 or £3.3.0)	
Vols. 6-17	D.kr. 30 (\$4.40 or £1.11.6)	
Vols. 18-23	D.kr. 50 (\$7.30 or £2.12.6)	
Vols. A24 →	D.kr. 50 (\$7.30 or £2.12.6)	
Vols. B24 →	D.kr. 60 (\$8.75 or £3.3.0)	

* Semi-annual volumes