

column (80 mm wide). Authors are reminded that a nonstereo view (half a pair) is often an acceptable alternative to the stereo pair. In stereo pairs the relative sizes of the molecule and the whole figure should be such that when the figure is printed in a column of 80 mm, the individual atoms are easily distinguishable. The center-to-center separation in stereofigures must not exceed 55 mm.

In a charge density paper only one or two figures are required to illustrate the techniques or results described: any others will be deposited. The text should be adequate to give the remaining information.

Figures

Size: Illustrations should normally present information so that each figure or part of a figure can be printed in one column (80 mm width). Coeditors will need to be satisfied that the information density is high enough, if authors wish figures to be printed larger than this.

Half-tone illustrations: When a paper includes half-tone illustrations (photographs), particularly diffraction photographs, authors are asked to indicate on a photocopy which are the important parts of the figure, so that these may be given the correct emphasis when the paper is printed.

The attention of authors is also drawn to notices concerning stereofigures [*Acta Cryst.* (1978). **B34**, 3846], dimensions of material for deposition [*J. Appl. Cryst.* (1979). **12**, 261], estimated standard deviations, SI units and anisotropic thermal parameters [*J. Appl. Cryst.* (1979). **12**, 317–318], submission of connected computer output [*Acta Cryst.* (1979). **B35**, 2284–2285], chemical-connectivity relationships [*Acta Cryst.* (1980). **B36**, 1524], estimated standard deviations with a zero value for varied parameters [*Acta Cryst.* (1980). **B36**, 2508], standards for the publication of powder pattern data [*J. Appl. Cryst.* (1981). **14**, 216–217], deposition of macromolecular atomic coordinates and structure factors with the Protein Data Bank [*Acta Cryst.* (1981). **B37**, 1161], submission of manuscripts based on powder diffraction profile fitting or refinement (Rietveld) methods: deposition of data [*J. Appl. Cryst.* (1981). **14**, 216], and deposition of Crystal Data [*J. Appl. Cryst.* (1982). **15**, 139], in addition to the information given in *Notes for Authors* [*Acta Cryst.* (1978). **A34**, 143–157].

J. Appl. Cryst. (1982). **15**, 250

Fifty Years of Electron Diffraction

Fifty years of Electron Diffraction was published in 1981 by D. Reidel Publishing Company for the International Union of Crystallography and is edited by Peter Goodman, CSIRO, Melbourne, Australia. This important publication is the first of its kind to present the history and the current status report of this rapidly growing subject. It provides a valuable reference source for students and researchers in the associated fields of crystallography, scattering physics, molecular structures in gases and the electron microscopy of solids. Part I gives a lively, newly researched account of the pioneer period, 1924–1928, when industrial research and early quantum mechanics produced the first definite evidence for electron diffraction. Part II completes the history with memoirs from 36 of the most distinguished scholars in the field. Part III is a text-level reference on six branches of the subject, ranging from scattering theory through to structure analysis. Liberally illustrated, the volume incorporates a comprehensive literature survey.

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J. Appl. Cryst. (1982). **15**, 250

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The International Union of Crystallography and the Cambridge Crystallographic Data Centre have published Volume 12 of the series, entitled *Bibliography 1979–80, Organic and Organometallic Crystal Structures*. It contains bibliographic information on 3836 structures published during 1979–1980. As in previous volumes the entries are arranged in 86 chemical classes and cover organic compounds, complexes and organometallic compounds. There are extensive indexes for authors, compound names and formulae.

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Structure Reports

Volume 44B of *Structure Reports* has recently been published. It covers the literature for organic compounds for 1978, is bound in two parts (572 pages and 707 pages) and costs 374 Netherlands guilders for subscribers with standing orders. The full price for individual copies is 440 guilders but personal subscribers may buy a copy for their own use at 220 guilders.

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Notes and News

Announcements and other items of crystallographic interest will be published under the heading at the discretion of the Editorial Board. The notes (in duplicate) 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).

J. Appl. Cryst. (1982). **15**, 250

Seventh European Crystallographic Meeting Book of Abstracts

The Seventh European Crystallographic Meeting will take place in Jerusalem, Israel, from 29 August to 3 September 1982. The Book of Abstracts will be available to non-participants at a price of US\$18.00 including airmail postage. Orders, which must include the words 'Book of Abstracts', should be sent, no later than 1 July 1982, to ECM-7, PO Box 29313, 61292 Tel Aviv, Israel. Either a cheque payable to ECM-7 should accompany the order or payment should be made by bank transfer to ECM-7, Israel Discount Bank, 4 Rothschild Blvd., 66881 Tel Aviv, Account No. 343900.

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