

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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Books Received

The following books have been received by the Editor. Brief and generally uncritical notices are given of works of marginal crystallographic interest; occasionally, a book of fundamental interest is included under this heading because of difficulty in finding a suitable reviewer without great delay.

Structure determination by X-ray crystallography. Third edition. By M. F. C. LADD & R. A. PALMER. Pp. xxiv + 586. New York: Plenum Publishing Corporation, 1995. Price \$59.50. ISBN 0-306-44290-6. The first edition of this useful teaching tool received a rather cool review in this journal from Professor Gene Carpenter [*Acta Cryst.* (1978), **B34**, 1400]. Despite that, it has remained in print and popular.

About 100 additional pages were added in the second edition, published in 1985, and this edition has grown by a further 100 pages, introducing new material on the properties and uses of the Fourier transform and expanding the treatment of phase determination by anomalous dispersion measurements using synchrotron radiation. Certain diagrams have been redrawn to improve their clarity.

The plan of the work follows the authors' original intention of providing 'an introduction to structure determination by X-ray crystallography that is appropriate mainly to both final-year undergraduate studies in crystallography, chemistry, and chemical physics, and introductory post-graduate work in this area of crystallography'. By contrast with the criticism of its price offered in the review of the first edition, this new edition is arguably the best value for money among books in its class.