

Short communications

- N. I. SHULEPOVA and N. V. BELOV. The symmetry of Patterson syntheses (functions).
 S. S. BATANOV and E. D. RUCHKIN. Ionic radii and re-fractivities of Group 8 metals.
 B. N. GRECHUSHNIKOV and D. BRODOVSKII. Temperature strains in cubic crystals.
 V. L. INDENBOM, I. M. SIL'VESTROVA and YU. I. SIROTIN. Thermo-elastic strains in anisotropic plates.
 M. I. YAROSLAVSKII and I. G. VASIN. Resonators from quartz plates twinned according to the Brazil law.
 A. V. SHUBNIKOV. A lecture experiment for demonstrating the rhythmic growth of crystals of salol.
 N. V. GLIKI, I. A. PLETENEVA and V. A. TIMOFEEVA. Spiral layer growth on crystals of barium titanate.
 L. I. TSINOBER. On the spiral structure of accessory growth on the 0001 surface of crystals of synthetic quartz.
 N. V. BELOV. Medieval Moorish ornamentation in the framework of the symmetry groups.

Letters to the editor

- A. V. SHUBNIKOV. Answer to the observations of O. M. Ansheles on my paper 'On a traditional error and the multifarious forms of its appearance'.
 N. V. BELOV and T. N. TARKHOVA. A correction to the paper 'The colour symmetry groups'.

Notes and news

Notice of the First Conference on Electronography.

Self-binders for *Acta Crystallographica*

Readers are reminded that arrangements have been made with Messrs Easibind Ltd, 84 Newman Street, London W. 1, England, for the provision of self-binders for *Acta Crystallographica*. The binder for Vols. 1-2 is designed to carry the twelve parts of the two volumes, which are held without damage by steel wires; it is lettered with title, volume numbers and years (e.g. Vols. 1 and 2, 1948-9).

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World Directory of Crystallographers

The publication of a *World Directory of Crystallographers* under the auspices of the International Union of Crystallography is under consideration. As a preliminary step the undersigned is compiling a list in time for the Fourth Assembly of the Union in Montreal, 10-17 July, 1957, and the secretaries of the National Committees (see *Acta Cryst.* (1956), 9, 692) have been asked for lists of the crystallographers of their countries. It is intended to include in the list all practising crystallographers, including advanced graduate students. Even in some countries adhering to the International Union of Crystallography, and certainly in all others, a Crystallographic

Society or a crystallographic section of some other society may not exist, or it may not have among its members all the physicists, chemists, mineralogists, metallurgists, ceramists, biologists and others actively engaged in diffraction studies of the structure and texture of solids. If it is possible that the names and addresses of readers of this notice be not contained on the lists reaching the undersigned through the secretaries of the National Committees of Crystallography, these readers are requested to send their names and addresses as soon as possible to the undersigned for inclusion in the preliminary list. Please use English printed letters.

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Structure Reports

Structure Reports for 1940-1941, the sixth volume to be prepared under the auspices of the International Union of Crystallography, is now ready. It is the aim of these *Reports* to give a critical account of crystal-structure investigations so complete that only those in need of minute detail will find it profitable to consult the original papers.

The volume now published has been prepared under the general editorship of A. J. C. Wilson, with N. C. Baenziger (Metals), J. M. Bijvoet (Inorganic Compounds) and J. M. Robertson (Organic Compounds) as section editors.

Orders may be placed direct with the publisher:

N.V. A. Oosthoek's Uitgevers Mij.,
 Domstraat 1-3, Utrecht,
 Holland,

with the Polycrystal Book Service, 84 Livingston Street, Brooklyn 1, N.Y., U.S.A., or with any bookseller. The price is 80 Dutch florins, £7.11.0 or \$21.50, post free. A remittance should accompany all orders.

The above volume closes the gap between the pre-war publication *Strukturbericht*, which covers the years up to 1939 (Vols. 1-7), and *Structure Reports*, which at present cover the years 1940-1950 (Vols. 8-13). Further volumes of *Structure Reports*, covering the years 1951 onwards, are in course of preparation.

The Commission on *Structure Reports* also intends to publish a Supplementary Volume and Cumulative Index for the years 1940-50, covering Vols. 8-13. This will be numbered Vol. 14, though it is expected that Vol. 15 (1951) will in fact be published earlier. Reports on papers inadvertently omitted will be included in Vol. 14, as well as full cumulative indexes to the six volumes.

The Commission appeals to all crystallographers who have noticed errors or omissions in Vols. 8-13 to communicate promptly with the General Editor, Prof. A. J. C. Wilson, at University College, Cardiff, Great Britain.

A simplified calculation for the elastic constants of arbitrarily oriented single crystals: correction

Errors occur in the above paper by D. S. Lieberman & S. Zirinsky (*Acta Cryst.* (1956), 9, 431). The element γ_{55} of the matrix γ , equation (2), should be $(\beta_{13}\beta_{31} + \beta_{11}\beta_{33})$ and the final expression for S'_{11} , equation (6), should be

$$S'_{11} = S_{11} - \{2(S_{11} - S_{12}) - S_{44}\}(\beta_{11}^2\beta_{12}^2 + \beta_{11}^2\beta_{13}^2 + \beta_{12}^2\beta_{13}^2).$$