Notes and News

3° Strips for Fourier Analysis and Synthesis

A third issue of these Fourier strips has now been completed, and the sets can be supplied in the following two forms: (1) Uncut tables, each set containing 366 tables 7 in. by $12\frac{1}{2}$ in., duplicated on both sides (except that the $h = 30$ tables are printed on one side only). Instructions for cutting and for the making of suitable boxes can be supplied. Delivery of this form is prompt. Price £15, plus postage. (2) Cut strips, mounted in two mahogany boxes with sloping sides, ready for use. Delivery time in this form depends upon the demand. The price is £40, plus £2.10.0. cost of crate for export, plus cost of shipping. The gross weight is 45 lb.

The 3° strips give the values of $A \cos hn3°$ and $A \sin hn3°$ to the nearest integer, for values of n going from 0 to 30 (even values of n being on one side and odd values of n on the reverse side). The range of A covered (on the different strips) is from -100 to $+100$ in steps of 1, and then to ± 900 in steps of 100. Thus immediate two-figure working is obtained, and users requiring higher accuracy can draw two strips per amplitude to reach a value of 1,000. The values of h go directly up to 30 in different compartments of the boxes, but the separation into even and odd values of n means that by suitable changes of sign of the amplitudes the range of h can be extended to all values. Similarly, of course, the range of n can be extended from 30 to 120.

Papers describing the strips and their uses are:

BEEVERS, C. A. & LIPSON, H. (1934). *Phil. Mag.* **17**, 855.

BEEVERS, C. A. & LIPSON, H. (1936). *Nature, Lond.* **137**, 825.

LIPSON, H. & BEEVERS, C. A. (1936). *Proc. Phys. Soc.* **48**, 772.

BEEVERS, C. A. (1952). *Acta Cryst.* **5**, 670.

BEEVERS, C. A. & LIPSON, H. (1952). *Acta Cryst.* **5**, 673.

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International Union of Crystallography

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Structure de GeUO₄

An error occurs in the above short communication by A. Durif (*Acta Cryst.* (1956), **9**, 533). The last line of oxygen coordinates should read $\bar{y}, \frac{1}{2}+x, \frac{1}{4}+z; y, \frac{1}{2}-x, \frac{1}{4}+z$.

Tables de linéarisation des produits et puissances des facteurs de structure

Errors occur in the above short communication by E. F. Bertaut and J. Dulac (*Acta Cryst.* (1956), **9**, 322). In § 1° (a) $(-1)^{k+1}$ and $(-1)^{1+h}$ should read $(-1)^{k+l}$ and $(-1)^{1+h}$ respectively.

In the reprints of this article e on the right-hand side of equation (1) should read e_l.

A note on *cyclo*-(hexaglycyl)

Errors occur in the above short communication by E. M. Cant (*Acta Cryst.* (1956), **9**, 681). The b cell dimension of *cyclo*-(hexaglycyl) hemihydrate should be 15·59 Å. The space group of *cyclo*-(hexaglycyl) monohydrate should be $P2/a$.

Kristallografiya

The following is the list of contents of the first three parts of the recently-founded Russian journal *Kristallografiya*.

Part 1
Articles

N. V. BELOV and T. N. TARKHOVA. Coloured symmetry groups.

A. I. KITAIGORODSKII. Determination of the signs of structure amplitudes.

B. K. VAINSHTEIN. The kinetic theory of the intensities of reflexions in an electronogram. I. Point electronograms.

M. A. PORAI-KOSHITS. A deduction of the working formulae for the electron density and structure amplitudes on the basis of the symmetry and anti-symmetry properties of trigonometric functions.

G. B. BOKII, T. I. MALINOVSKII and A. V. ABLOV. The structures of the dihalogeno-diamines of cobalt.

E. A. GRIBOVA, G. S. ZHDANOV and G. A. GOL'DER. X-ray structural investigations of indigo and thioindigo.

G. S. ZHDANOV, Z. V. ZVONKOVA and L. G. VORONTSOVA. X-ray structural investigation of methylene blue.

Z. G. PINSKER and S. V. KAVERIN. Electronographic determination of the structure of the iron carbide Fe₄C.

Z. V. ZVONKOVA. Crystal-chemical studies of the nature of donor-acceptor bonds in complex compounds of boron.

G. B. BOKII and S. S. BATSANOV. New ionic refractions.

A. F. KAPUSTINSKII. Constant and multiple proportions as basic assumptions of crystallography and chemistry.

A. V. SHUBNIKOV. Certain peculiarities of the thermal deformation of crystals.

I. S. ZHELUDEV. Dielectric ellipsoids and surfaces of dielectric permeability.

G. G. LEMMLEIN and E. D. DUKOVA. Investigation of the rates of tangential growth of elementary layers on crystals of paratoluidine.

A. A. CHERNOV. On tangential rates of growth of elementary layers on the surface of a crystal.