Collimators are specified by the subscript 0 (source-monochromator), 1 (monochromator-sample), 2 (sampleanalyzer) and 3 (analyzer-detector). For a double-axis spectrometer $\alpha_3 = \beta_3 \rightarrow \infty$ in the above expressions giving

$$= \alpha_2 \quad \beta_A = \beta_2. \tag{5c}$$

The following points should be noted.

α

(a) f_h is independent of θ_s and can be absorbed into other constants. However, it gives a simple expression for the loss of intensity due to horizontal collimation.

(b) If $4\eta_v^2 > (\beta_M^2 + \beta_A^2)$ there will necessarily be a cross over from a small-Q region where

$$f_{\nu} \simeq 1, \quad L \sim \frac{1}{\sin \theta_s}$$

to a large-Q region where

$$f_{\nu} = \frac{[\beta_M^2 + \beta_A^2]^{1/2}}{2\eta_{\nu}\sin\theta_{s}}, \quad L \sim \frac{[\beta_M^2 + \beta_A^2]^{1/2}}{2\eta_{\nu}(\sin\theta_{s})^2}.$$

Acta Cryst. (1983). A39, 594

Statistical geometry. I. A self-consistent approach to the crystallographic inversion problem based on information theory: Erratum. By STEPHEN W. WILKINS, CSIRO, Division of Chemical physics, PO Box 160, Clayton, Victoria, Australia 3168 and Institut Laue-Langevin, BP156 Centre de Tri, Grenoble Cedex 38042 France, JOSEPH N. VARGHESE, CSIRO, Division of Protein Chemistry, Royal Parade, Parkville, Victoria, Australia 3052 and MOGENS S. LEHMANN, Institut Laue-Langevin, BP156 Centre de Tri, Grenoble Cedex 38042, France

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As a result of a printer's error, the first line of § 4.6 (page 56) of Wilkins, Varghese & Lehmann [Acta Cryst. (1983), A39, 47–60] is in error. The first sentence of that section

Abstract

should read: 'In order to give an illustration of the way in which the SGM may be used, ...'.

All information is given in the Abstract.

Acta Cryst. (1983). A39, 594-595

Tensor properties and rotational symmetry of crystals. III. Use of symmetrized components in group **3(3,). Erratum.** By F. G. FUMI and C. RIPAMONTI, Istituto di Scienze Fisiche, Universitá di Genova, Italv and GNSM-CNR, Unitá di Genova, Italy

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Abstract

In Fumi & Ripamonti [Acta Cryst. (1983), A39, 245-251], there are errors on page 249 in equation II(b) for the evenparity c^+ subtensor and II(a) and (b) for the even-parity $c^$ subtensor.

The correct equations are given.

Several misprints are present on page 249 of Fumi & Ripamonti (1983):

First column, equations II(b)

The first and third equations should read:

$$yyyyyyxx^{+} = c_{1}\bar{y}\bar{y}\bar{y}\bar{y}\bar{x}\bar{x}x^{+} + c_{2}\bar{y}\bar{y}\bar{y}\bar{x}\bar{x}\bar{x}y^{+}$$
$$yyyyyyxx^{+} = \frac{1}{3}\bar{y}\bar{y}\bar{y}\bar{x}\bar{x}xx^{+} - \frac{1}{6}\bar{y}\bar{y}\bar{x}\bar{x}\bar{x}yx^{+}.$$

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(c) In comparing $\theta - 2\theta$ scans done with equal θ step, (2) is simply modified by replacing the factor $(\sin \theta_s)^{-1}$ by $(\sin$ $(2\theta_{c})^{-1}$.

Fig. 1 illustrates the effect of vertical Lorentz corrections for neutron scattering data taken on a stage-2 intercalated graphite compound KC₂₄. The data were taken with $\lambda =$ 2.5 Å neutrons using a triple axis spectrometer with $\beta_M \simeq$ 0.7° and $\beta_A \simeq 1.9°$ and the (00/) reflections had a measured mosaic $\eta_h = \eta_v \sim 2^\circ$ FWHM. Note that the agreement for the high-angle reflections (l = 5 and 6) is considerably improved by application of the correct Lorentz factor.

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