

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

$$\alpha_A = \alpha_2 \quad \beta_A = \beta_2. \quad (5c)$$

The following points should be noted.

(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

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

to a large- Q region where

$$f_v = \frac{[\beta_M^2 + \beta_A^2]^{1/2}}{2\eta_v \sin \theta_s}, \quad L \sim \frac{[\beta_M^2 + \beta_A^2]^{1/2}}{2\eta_v (\sin \theta_s)^2}.$$

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*

(Received 30 March 1983)

Abstract

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

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(3₂). Erratum. By F. G. FUMI and C. RIPAMONTI, *Istituto di Scienze Fisiche, Università di Genova, Italy and GNSM-CNR, Unità di Genova, Italy*

(Received 18 April 1983)

Abstract

In Fumi & Ripamonti [*Acta Cryst.* (1983), **A39**, 245–251], there are errors on page 249 in equation II(b) for the even-parity 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:

$$\begin{aligned} yyyyyx^+ &= c_1 \overset{15}{j\bar{j}j\bar{j}x\bar{x}x^+} + c_2 \overset{20}{j\bar{j}j\bar{x}\bar{x}yx^+} \\ yyyyyx^+ &= \frac{1}{3} \overset{15}{j\bar{j}j\bar{j}x\bar{x}x^+} - \frac{1}{3} \overset{20}{j\bar{j}j\bar{x}\bar{x}yx^+}. \end{aligned}$$