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Radii of gyration and scattering curves of hollow bodies of homogeneous electron density: errata. By YUZURU HIRAGI and SHOJI IHARA, Institute for Chemical Research, Kyoto University, Gokasho, Uji 611, Kyoto-fu, Japan

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Abstract

Equations (15), (16), (17), (18), and (20) in the paper by Hiragi & Ihara [Acta Cryst. (1981), A37, 378–382] are incorrect. These equations should be as follows:

$$F = 4A^{2}C\left[\sum_{k=1}^{n} f\left(s_{1}, \varphi - \frac{2\pi}{n}k\right)\right]\Psi_{C}, \quad (15)$$

$$f(s_{1}, \beta) = \left[s_{1}^{2}A^{2}\left(\tan^{2}\frac{\pi}{n}\sin^{2}\beta - \cos^{2}\beta\right)\right]^{-1} \times \left\{\exp(is_{1}A\cos\beta) \times \left[i\cot\beta\sin\left(s_{1}A\tan\frac{\pi}{n}\sin\beta\right) + \tan\frac{\pi}{n}\sin\beta\right) - \tan\frac{\pi}{n}\cos\left(s_{1}A\tan\frac{\pi}{n}\sin\beta\right)\right] + \tan\frac{\pi}{n}\right\}, \quad (16)$$

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$V = 2\pi ABC, \tag{17}$

$$F = \frac{4\pi A B C J_1(s_1, K)}{s_1 K} \Psi_C,$$
(18)

$$F = 4\pi ABC \frac{\sin(sL) - sL\cos(sL)}{(sL)^3}.$$
 (20)

Equations (15) and (16) in the original article lead to incorrect scattering intensity, whereas equations (17), (18), and (20) give the correct but unnormalized value. The figures in the article were calculated with the correct equations and hence need no alteration.

All information is given in the *Abstract*. The authors thank Dr P. Martel for pointing out the errors.

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Commission on Journals

Decisions taken at meetings in Ottawa, August 1981

The attention of authors planning to submit papers to Acta Crystallographica or Journal of Applied Crystallography is drawn to the following decisions taken by the Commission on Journals at meetings held in Ottawa, 14–16 August 1981. These and other revisions in editorial policy since 1978 will be published in a new version of Notes for Authors, which is presently in preparation.

International Symbols for Units

The Commission has recognized that, although multiples of 10^3 are the preferred prefixes in the SI System of Units, the centimetre is not prohibited by the SI system and therefore density and absorption coefficients may be given in units of g cm⁻³ and cm⁻¹ respectively, if authors so wish. In all other cases, however, authors are asked to use the recommended prefixes of decimal multiples and submultiples of the SI units rather than using '×10".

Structural Papers

Estimated standard deviations for B_{eq} . The requirement of estimated standard deviations on equivalent values of the