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Diffraction line profiles from polydisperse crystalline systems. Corrigenda

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Equation (16) and some entries in Table 1 in the article by Scardi & Leoni [(2001), *Acta Cryst.* **A57**, 604–613] are corrected.

The variable σ in equation (16) of Scardi & Leoni (2001) is missing a superscript to indicate that this term should be squared. The correct expression is

$$M_{l,n} = \exp[n\mu + (n^2/2)\sigma^2]. \quad (16)$$

As mentioned previously in Leonardi *et al.* (2012), there are also some errors in the common volume function (CVF) of the octahedron in Table 1 of Scardi & Leoni (2001). The same errors are found in Stokes & Wilson (1942). The coefficients for the case $A \leq B + C$ should read

$$H_0 = 1,$$

$$H_1 = -3(A + B + C)/8^{1/2},$$

$$H_2 = -3[A^2 + (B - C)^2 - 2A(B + C)]/4,$$

$$H_3 = (A^3 + B^3 + C^3 - 3ABC)/2^{1/2},$$

$$K^c(hkl) = (A + B + C)/2^{1/2}.$$

References

- Leonardi, A., Leoni, M., Siboni, S. & Scardi, P. (2012). *J. Appl. Cryst.* **45**, 1162–1172.
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 Stokes, A. R. & Wilson, A. J. C. (1942). *Proc. Cambridge Philos. Soc.* **38**, 313–322.

