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Correction of some formulas of Agarwal's fast Fourier transform least-squares algorithm. By ALAIN LIFCHITZ, *Laboratoire de Minéralogie et de Cristallographie, associé au CNRS, Université Pierre et Marie Curie (Paris VI) et Paris VII, 4 place Jussieu, F-75230 Paris CEDEX 05, France*

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Abstract

The formulas (34), (37) and (38) of Agarwal [*Acta Cryst.* (1978), **A34**, 791-809] should be changed to:

$$H_2(B_m, B_n) = \sum_s +\frac{1}{2}g_m(\mathbf{s})g_n(\mathbf{s})(s^4/16)W(\mathbf{s}) \times \exp[i2\varphi(\mathbf{s})] \exp[-i2\pi\mathbf{s} \cdot (\mathbf{r}_m + \mathbf{r}_n)] \quad (34)$$

$$H_1(x_m, B_n) = \sum_s -\frac{1}{4}g_m(\mathbf{s})g_n(\mathbf{s})(i\pi h s^2)W(\mathbf{s})$$

$$\begin{aligned} & \times \exp[+i2\pi\mathbf{s} \cdot (\mathbf{r}_m - \mathbf{r}_n)] \quad (37) \\ H_2(x_m, B_n) = & \sum_s +\frac{1}{4}g_m(\mathbf{s})g_n(\mathbf{s})(i\pi h s^2)W(\mathbf{s}) \\ & \times \exp[i2\varphi(\mathbf{s})] \exp[-i2\pi\mathbf{s} \cdot (\mathbf{r}_m + \mathbf{r}_n)]. \quad (38) \end{aligned}$$

All the information is contained in the *Abstract*.