



## Correction of some formulas of Agarwal's fast Fourier transform least-squares algorithm

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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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(34)

Abstract

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

$$H_2(B_m, B_n) = \sum_{\mathbf{s}} + \frac{1}{2}g_m(\mathbf{s})g_n(\mathbf{s})(\mathbf{s}^4/16) W(\mathbf{s})$$
$$\times \exp[i2\varphi(\mathbf{s})] \exp[-i2\pi\mathbf{s} \cdot (\mathbf{r}_m + \mathbf{r}_n)]$$
$$H_1(x_m, B_n) = \sum_{\mathbf{s}} -\frac{1}{4}g_m(\mathbf{s})g_n(\mathbf{s})(i\pi hs^2) W(\mathbf{s})$$

$$\times \exp[+i2\pi \mathbf{s} . (\mathbf{r}_m - \mathbf{r}_n)]$$

$$H_2(\mathbf{x}_m, B_n) = \sum_{\mathbf{s}} +\frac{1}{4}g_m(\mathbf{s})g_n(\mathbf{s})(i\pi hs^2) W(\mathbf{s})$$

$$\times \exp[i2\varphi(\mathbf{s})] \exp[-i2\pi \mathbf{s} . (\mathbf{r}_m + \mathbf{r}_n)].$$

$$(38)$$

All the information is contained in the Abstract.