Errata

Erratum: Calculation of momentum matrix elements using the Green's-function method [Phys. Rev. B 14, 2384 (1976)]

A.-B. Chen

Equation (13) should read

$$\int \mathcal{Y}_{lj}\, r\, \frac{\partial \mathcal{Y}_{l'j'}}{\partial x_\alpha}\, d\Omega = [-l'\delta_{l,l'+1} + (l'+1)\delta_{l,l'-1}] \int \mathcal{Y}_{lj}\, \frac{x_\alpha}{r}\, \mathcal{Y}_{l'j'}\, d\Omega\,. \tag{13}$$

However, the correct equation was used for the numerical examples presented in the paper.

Erratum: Fluctuations and light scattering in superionic conductors [Phys. Rev. B 13, 1498 (1976)]

B. A. Huberman and R. M. Martin

Equations (9) and (10) are incorrect. The correct expression derived from the equations of motion (2) and (3) with the definition of the dielectric coefficients q and r in equation (8) is most easily expressed as

$$\frac{d^2\sigma}{d\omega d\Omega} \propto \mathrm{Im}\left[\frac{(k_B T/Mv_s^2)q^2(1-i\omega\gamma)+(n_0/N_0)r^2(\omega^2/\omega_k^2)-2rq(k_B T/A)C}{(1-\omega^2/\omega_k^2)(1-i\omega/\gamma)-C}\right], \tag{9}$$

where $C = n_0 A^2/Mv_s^2 k_B T$ is the dimensionless coupling strength. The form of the revised Eq. (9) shows explicitly interference between the two types of contributions to the dielectric fluctuations. This will alter the spectrum shown in Fig. 1 to give an asymmetric phonon line shape in the case of strong coupling.

Erratum: Energy resolution and angular broadening effects in Compton-profile anisotropy measurements [Phys. Rev. B 14, 4386 (1976)]

W. R. McIntire

It has been pointed out that some observations in the paper had been stated previously[1,2] and appropriate references should be added:

[1] P. Chaddah and V. C. Sahni, in *Nuclear Physics and Solid State Physics* (India) 18c (1975).

[2] P. Chaddah and V. C. Sahni, Phys. Status Solidi A 32, 677 (1975).