

**Erratum: Dynamical theory of x-ray diffraction in flat, focusing, and distorted crystals by  
Abelès's matrix method**  
[Phys. Rev. B 14, 4313 (1976)]

D. W. Berreman

The first factor  $q$  in Eq. (25) does not belong there and should be deleted.  
Equation (25) should read

$$S^- = \frac{f^- h}{2}, \text{ etc.}; \text{ not } \frac{f^- q h}{2}, \text{ etc.}$$

This error did not appear in the actual calculations and the results are unchanged.

**Erratum: Effect of dispersion on wake-bound electron states in metals**  
[Phys. Rev. B 12, 514 (1975)]

M. H. Day

The potential due to plasmons, shown in Fig. 1, should be multiplied by a factor of 2, thus raising the binding energies shown in Fig. 3. This brings binding energies at peak into conformity with the calculation of Ritchie, Brandt, and Echenique [Phys. Rev. B 14, 4808 (1976)].

The truncation of the expansion of the Bessel function after two terms is inappropriate for high ion velocities, underestimating the binding in that region. A new calculation employing Lindhard's dielectric function will be presented soon.

**Erratum: Exchange and correlation in atoms, molecules, and solids by the spin-density-functional formalism**  
[Phys. Rev. B 13, 4274 (1976)]

O. Gunnarsson and B. I. Lundqvist

Unfortunately there is a misprint in the interpolation formula (56). The coefficient should be

$$\delta(r_s) = 1 - 0.036r_s - 1.36r_s / (1 + 10r_s).$$

Further, two changes in the reference list are appropriate:

<sup>69</sup>These response functions have been discussed by A. K. Rajagopal (Ref. 53) and later in, e.g., Ref. 65.

<sup>70</sup>A. K. Rajagopal, Phys. Rev. B 7, 2657 (1973); 9, 268 (1974).

The sentence after Eq. (69) should properly read: "The equality of the nondiagonal susceptibilities,  $\chi^{me} = \chi^{em}$ , which has earlier been proved quite generally, in the absence of spin-orbit coupling by Rajagopal,<sup>70</sup> follows immediately here in the  $\omega = q = 0$  limit."