ERRATA

Mössbauer Studies of Lattice Dynamics, Fine and Hyperfine Structure of Divalent Fe^{57} in FeF_2, D. P. Johnson and R. Ingalls [Phys. Rev. B 1, 1013 (1970)]. Page 1014, second column, line 35 should read

$$K = \tfrac{1}{3}\sum_{i=1} K^{\alpha\alpha} = (1.24 \pm 0.07) \times 10^5 \text{ dyn/cm} \quad .$$

Page 1016, first column, line 14: α should read β. Equation (11): b should read l.

Optical Properties of Substitutional H- and Li-Atom Impurities in Solid Argon and Neon. Raj K. Bhargava* and D. L. Dexter [Phys. Rev. B 1, 1 (1970)]. (i) The last term on the right-hand side of Eq. (23a) should not be present. Hence the correct form is

$$\langle Aa|g|Aa\rangle = \int \phi^*_{Aa}(\vec{r}\,') \frac{e^2}{|\vec{r} - \vec{r}\,'|} \phi_{Aa}(\vec{r}\,')\, d\vec{r}\,' \quad .$$

(ii) The correct form of Eq. (27) is

$$C_{lm} = \frac{4}{9}\frac{e^2}{a_0} \sum_{Ai} \sum_{Bj} \frac{[(R^2)_{Ai}]^2[(R^2)_{Bj}]^2}{(R^2)_{Ai} + (R^2)_{Bj}} \quad .$$

(iii) The last sentence in the paragraph after Eq. (28), "$(E_l + E_m)/2$ is a mean excitation energy," should be deleted. (iv) The correct form of Eq. (34) is

$$\Psi^0_v = \mathcal{A}_v \prod_{A \neq I} \prod_a \psi_{Aa}(\vec{r}_{Aa}, \vec{\sigma}_{Aa}) \quad .$$

(v) In the first term in Eq. (46), the operator should be $v_1^2 H_v$. So the correct form of the equation is

$$\Delta = \langle \Psi^0_v | v_1^2 H_v | \Psi^0_v \rangle - \langle \Psi^0_v | v_1^2 | \Psi^0_v \rangle \langle \Psi^0_v | H_v | \Psi^0_v \rangle \quad .$$

(vi) The correct form of Eq. (57b) is

$$\mu_2 = \left\langle \Psi^0_I \middle| \sum_i (z_{Ii} - Z_I) \left(\sum_i (z_{Ii} - Z_I) + \sum_{A \neq I} \sum_a (z_{Aa} - Z_A) \right) \middle| \Psi^0_I \right\rangle .$$

*Present address: Department of Physics and Astrophysics, University of Delhi, Delhi-7, India.

Effect of the Spin-Phonon Interaction on the Thermal Conductivity. D. Walton [Phys. Rev. B 1, 1234 (1970)]. Page 1238, the expression for Γ is incorrect, it should be

$$\Gamma = x_0^2 (1 + \alpha)^{1/2} \epsilon \sigma^{1/2} \quad .$$