

Errata

Variation of the Elastic Constants of Crystalline Aluminum with Temperature between 63°K and 773°K, PAUL M. SUTTON [Phys. Rev. **91**, 816 (1953)]. The values of the Debye characteristic temperature reported are too large by 2.45% due to a numerical mistake. The corrected Table VI reads:

$T^{\circ}\text{K}$	0°	50°	100°	200°	300°	450°	600°	750°
θ_D	428°	428°	425°	416°	406°	389°	370°	349°

Also, the end of the sentence split by Table IV should read: “. . . 419°K, which is to be compared with the value 428°K here reported.”

Transport Equation in Quantum Gases, HAZIME MORI AND JOHN ROSS [Phys. Rev. **109**, 1877 (1958)]. Equation (45) should read

$$J = (N-1)(2\pi\hbar)^3 \\ \times \int \int \{W(\mathbf{p}, \mathbf{p}') f_N^{(2)}[\mathbf{R}_1, \mathbf{R}_1, (\tfrac{1}{2}\mathbf{p}_c - \mathbf{p}'), (\tfrac{1}{2}\mathbf{p}_c + \mathbf{p}'); t] \\ - W(\mathbf{p}', \mathbf{p}) f_N^{(2)}[\mathbf{R}_1, \mathbf{R}_1, (\tfrac{1}{2}\mathbf{p}_c - \mathbf{p}), (\tfrac{1}{2}\mathbf{p}_c + \mathbf{p}); t]\} d\mathbf{p}' d\mathbf{p}_2.$$

This correction does not affect the derivation of the transport equation.

Excitation of Spin Waves in a Ferromagnet by a Uniform rf Field, C. KITTEL [Phys. Rev. **110**, 1295 (1958)]. In Eq. (26), ω_0 should be ω_m . Equation (27) should be deleted, and in its place we should have simply $1/m$. These errors arose from an unusual extraneous solution of (23); the correct result can best be obtained by solving (20) and (21) *first* for $\partial S_y / \partial t$; one then obtains $\partial S_z / \partial t$ as desired from

(20). It is important to avoid taking the Laplacian of H_x .

Test of the Nature of the Vector Interaction in β Decay, MURRAY GELL-MANN [Phys. Rev. **111**, 362 (1958)]. The coefficient of $\cos\theta$ in Eq. (20) is incorrect. It should be divided by the expression in curly brackets in Eq. (21). I am grateful to Dr. S. Berman for pointing out this error.

Influence of Electron Interactions on Metallic Properties, JOHN G. FLETCHER AND DAVID C. LARSON [Phys. Rev. **111**, 455 (1958)]. In Eq. (9c) the factor $(2-2\beta-\tfrac{1}{2}\beta^2)$ should be replaced by $(2|1-\beta|-\tfrac{1}{2}\beta^2)$. In Table III, when $\gamma=0.471$, $\Delta^{(1)}$ and Δ are, respectively, for K, 0.11 and 0.13 instead of 0.09 and 0.11; for Rb, 0.10 and 0.12 instead of 0.07 and 0.09; and for Cs, 0.10 and 0.12 instead of 0.05 and 0.07.

Studies of Decay Schemes in the Osmium-Iridium Region. I. Isomers Os^{190m}(10-min) and Os^{189m}(5.7-hr), G. SCHARFF-GOLDHABER, D. E. ALBURGER, G. HARBOTTLE, AND M. McKEOWN [Phys. Rev. **111**, 913 (1958)]. In Table III the value 0.46 for $\tau_{\frac{1}{2}}$ (sec) and the value 2.2×10^{-5} for $|M|^2$ belong in the column headed by β_3 instead of the column headed by β_2 .

Radiations of Osmium-193 and Osmium-191, V. S. DUBEY, S. S. MALIK, C. E. MANDEVILLE, AND AMBUJ MUKERJI [Phys. Rev. **111**, 920 (1958)]. In Table II on page 922, the isotope opposite 234K should be Os¹⁸⁵ instead of Os¹⁹³.

Thermal Expansion of Some Crystals with the Diamond Structure, D. F. GIBBONS [Phys. Rev. **112**, 136 (1958)]. In Fig. 2 the values for γ of vitreous silica were misplotted and should be multiplied by 0.18 to give the correct magnitude. None of the text is affected by this change.