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:

<table>
<thead>
<tr>
<th>T°K</th>
<th>0°</th>
<th>50°</th>
<th>100°</th>
<th>200°</th>
<th>300°</th>
<th>400°</th>
<th>500°</th>
<th>600°</th>
<th>700°</th>
<th>800°</th>
<th>900°</th>
</tr>
</thead>
<tbody>
<tr>
<td>θ_D</td>
<td>428°</td>
<td>428°</td>
<td>425°</td>
<td>416°</td>
<td>406°</td>
<td>399°</td>
<td>389°</td>
<td>379°</td>
<td>349°</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

\[
J = (N-1)(2\pi \hbar)^3 \times \int \int \{ W(p,p') f_\nu^{(\nu)}[R_1, R_2, (\nu p - p'), (\nu p + p'); \ell] \\
- W(p',p) f_\nu^{(\nu)}[R_1, R_2, (\nu p - p'), (\nu p + p'); \ell] \} dp' dp.
\]

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), ω₀ should be ω₀. 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 ∂S/∂t; one then obtains ∂S/∂t as desired from (20). It is important to avoid taking the Laplacian of H₁.

Test of the Nature of the Vector Interaction in 3 Decay, Murray Gell-Mann [Phys. Rev. 111, 362 (1958)]. The coefficient of cosθ 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 \((2 - 2\beta - \frac{2}{2})\) should be replaced by \((2 |1 - \beta| - \frac{2}{2})\). In Table III, when \(\gamma = 0.471, \Delta (k)\) and \(\Delta \) 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 Os¹⁸³m (10-min) and Os¹⁸⁵m (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 τ₁ (sec) and the value 2.2 × 10⁻⁴ for |M²| belong in the column headed by β₁ instead of the column headed by β₁.


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.