the second because of the exchange collision interaction and, as already noted in Appendix B, they are negligible. We give the exact solution to Eq. (40):

$$\rho_l=-\frac{\epsilon}{2J}\frac{4\pi(1-\gamma_j)(l^+)^2+B(l^{*+})^2}{[4\pi(1-\gamma_j)]^2-B^2}.$$

The nearest neighbor sum, Eq. (A5), is incorrect and should be $-2(1+3\Gamma)$. Therefore, a number of the results for the fcc should be corrected. In Eq. (18), instead of "2.39" read "2.52"; in Eq. (19), instead of "1/4.45" read "1/5"; in the last equation of Appendix A, the coefficients of $B/2\pi$ within the [ ] are $-\frac{1}{4}(1+3\Gamma)$ and $-15(\Gamma-\frac{1}{5})$ in that order.

**Anisotropy of the Intrinsic Domain Magnetization of a Ferromagnet,** S. H. CHARAP [Phys. Rev. **119**, 1538 (1960)]. The following corrections do not significantly alter the results of this paper. On the right-hand side of Eq. (32) read $-2(1+3\Gamma)$. In Eqs. (35), (36), and (37) the entries on the right-hand sides of the braces for the face-centered cubic lattice should be (3/1280) $(5+3\Gamma)$, $0.0558(5+2\Gamma)$, and 1.507, respectively. Equation (39) becomes $M_\beta\approx-4.1\times10^{-4}M_0$, and in the third line below Eq. (39), instead of $\frac{1}{5}$ read $\frac{1}{6}$.

**Hyperfine Structure of Hydrogen, Deuterium, and Tritium,** L. WILMER ANDERSON, FRANCIS M. PIPKIN, AND JAMES C. BAIRD, JR. [Phys. Rev. **120**, 1279 (1960)]. On page 1288, the expression

$$\delta_{H-T}=\frac{[A(H)/A(T)][m(T)/m(H)]}{g(H)/g(T)}-1$$
$$=0.0000058\pm0.0000001$$

should read

$$\delta_{H-T}=\frac{[A(H)/A(T)][m(T)/m(H)]^3}{g(H)/g(T)}-1$$
$$=0.0000058\pm0.0000001.$$

A similar omission was made for $\delta_{H-D}$.

**Breadth of the *F* Band in NaCl,** A. M. KARO, C. W. MCCOMBIE, AND A. M. MURRAY [Phys. Rev. **119**, 504 (1960)]. In the calculation of the generalized forces on the lattice vibration modes a mistake was made in interpreting the data which Dr. Karo supplied on the modes of the perfect lattice. In effect the wave numbers of all modes were doubled. After correction the calculated breadth of the *F* band at 0°K is reduced by about 12%. The main peak of the histogram of contributions to the mean square breadth from modes in the various frequency ranges is shifted to a higher frequency ($\omega=4.25\times10^{13}$ sec$^{-1}$) and no longer agrees with the empirical configuration coordinate frequency ($\omega=2.76\times10^{13}$ sec$^{-1}$). As a result the temperature dependence now obtained for the breadth of the band is not appreciably better than in previous absolute calculations by other workers.

As was stated, the main assumption in the calculation was that the effect of the imperfection on the normal modes could be neglected. The results of the revised calculation therefore suggest that satisfactory agreement with experiment cannot be obtained without considering the modification of the lattice vibration modes by the imperfection.

**Positronium Decay in Molecular Substances,** WERNER BRANDT, S. BERKO, AND W. W. WALKER [Phys. Rev. **120**, 1289 (1960)]. In Eqs. (1), (3), and (5), and in the *numerator* of Eq. (14), read $r_e$ instead of $r_0$, where $r_e=e^2/mc^2=2.82\times10^{-13}$ cm as given in the first line following Eq. (2). In the second line preceding Eq. (17), read $\tau_0=(\pi r_e^2 c\rho_0)^{-1}$ instead of $\tau_1=(\pi r_0^2 c\rho_0)^{-1}$.

**Electron Paramagnetic Resonance of Manganese in $TiO_2$,** HARRO G. ANDRESEN, [Phys. Rev. **120**, 1606 (1960)]. In the abstract the $E$ parameter should read $|E|=3.88$ kMc/sec instead of $|E|=0.388$ kMc/sec. Reference 3 should be amended to read as follows: K. A. Mueller, Phys. Rev. Letters **2**, 341 (1959).

**Magnetic Resonance Determination of the Nuclear Moment of Tantalum-181 in $KTaO_3$,** LAWRENCE H. BENNETT AND J. I. BUDNICK [Phys. Rev. **120**, 1812 (1960)]. The following table was inadvertently omitted.

TABLE I. Experimental values of the nuclear magnetic resonance of $Ta^{181}$ in $KTaO_3$.

| Magnetic field (oersteds) | Frequency (Mc/sec) | (nm) |
|---|---|---|
| 7863 | 4.007 | 2.340 |
| 8609 | 4.388 | 2.341 |
| 9118 | 4.646 | 2.340 |
| 9947 | 5.068 | 2.340 |
| 10 650 | 5.429 | 2.341 |
| 11 550 | 5.887 | 2.341 |
| 12 330 | 6.280 | 2.339 |
| 12 990 | 6.620 | 2.340 |

**Cross Section and Polarization in the Photodisintegration of the Deuteron,** M. L. RUSTGI, W. ZERNIK, G. BREIT, AND D. J. ANDREWS [Phys. Rev. **120**, 1881 (1960)]. In Eq. (18.10) the term $I_2{}^b(\sin^1\theta\cos^2\varphi-\frac{1}{3})$ should read $I_2{}^b(\sin^2\theta\cos^2\varphi-\frac{1}{3})$. The correction is typographical and does not affect other parts of the paper.

**Self-Diffusion in Liquid $He^3$,** DANIEL HONE [Phys. Rev. **121**, 669 (1961)]. Equation (19) should read:

$$q=\frac{32\pi^2\hbar^6}{m^{*3}T^2}\left\{\left[\frac{w(\theta,\phi)(1-\cos\theta)(1-\cos\phi)}{\cos(\theta/2)}\right]_{av}\right\}^{-1}.$$

The numerical calculations have been done correctly.