the second because of the exchange collision inter-action 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 $M_\beta \approx -4.1 \times 10^{-4} M_0$, 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

$$\delta_{H-T} = \frac{[A(H)/A(T)][m(T)/m(H)]}{g(H)/g(T)} - 1$$
$$= 0.0000058 \pm 0.0000001$$

should read

$$\delta_{H-T} = \frac{[A(H)/A(T)][m(T)/m(H)]^3}{g(H)/g(T)} - 1$$
$$= 0.0000058 \pm 0.0000001.$$

A similar omission was made for δ_{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 ($\omega = 4.25 \times 10^{13}$ sec^{-1}) and no longer agrees with the empirical configuration coordinate frequency ($\omega = 2.76 \times 10^{13}$ 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 $r_e = e^2/mc^2 = 2.82 \times 10^{-13}$ 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 TiO₂, 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 KTaO₃, 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 Ta¹⁸¹ in KTaO₃.

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 He³, 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.