Errata

Threshold Behavior of the Soft X-Ray Spectra in Metals, GEORGE A. AUSMAN, JR., AND ARNOLD J. GLICK [Phys. Rev. 183, 687 (1969)]. Dr. Y. Mizuno has pointed out to us that he and K. Ishikawa [J. Phys. Soc. Japan 25, 627 (1968)] have obtained the same results as reported here for *both* the L_{23} and K spectra. Their conclusions were inferred by extrapolating from a third-order perturbation calculation, while here they are based on the exact solution to the same model.

Electron Relaxation Time from Magnetoacoustic Oscillations and the Tilt Effect, JOHN W. DOOLEY AND NORMAN TEPLEY [Phys. Rev. 181, 1001 (1969)]. The arguments concerning the Bohm-Easterling method would have been simplified through reference to Gavenda and Cheng [V. D. Gavenda and F. S. H. Cheng, Phys. Rev. Letters 16, 228 (1966)]. For $X \gg 1$ their equation predicts a damping term which is approximately $e^{-\pi X/ql}$ (compared to our $e^{-2X/ql}$ with $4 \leq X \leq 20$).

In Sec. III, the alternative interpretation [peak A identified with the electrons (III)] should have been eliminated, because it gives $\omega_s \tau \ll 1$ (not $\omega_s \tau \gg 10$).

In Appendix B the final equation for C_h should read

$$C_h = 2(\sqrt{\pi})\{ (1/15)[1 - v_z/(v_z)_L]^2 \}^{1/2} A(0)$$
$$= (1/\sqrt{15})C_s.$$

In the last paragraph we should have $C_{III} = 9\sqrt{A}$. (This was a copying error which did not propagate.)

Anisotropy of the Optical Constants and the Band Structure of Graphite, D. L. GREENAWAY, G. HARBEKE, F. BASSANI, AND E. TOSATTI [Phys. Rev. 178, 1340 (1969)]. The line following Eq. (2b), p. 1341, should read

$$(N^2 - \sin^2 \Theta)^{1/2}$$
$$= (1/\sqrt{2})\{ [(n^2 - k^2 - \sin^2 \Theta)^2 + 4n^2 k^2]^{1/2}$$
$$+ (n^2 - k^2 - \sin^2 \Theta) \}^{1/2}$$
$$+ (i/\sqrt{2})\{ [(n^2 - k^2 - \sin^2 \Theta)^2 + 4n^2 k^2]^{1/2}$$
$$- (n^2 - k^2 - \sin^2 \Theta) \}^{1/2}.$$

Magnetic and Nuclear-Resonance Properties of Single-Crystal Scandium, J. W. ROSS, F. Y. FRADIN, L. L. ISAACS, AND D. J. LAM [Phys. Rev. 183, 645 (1969)]. An error in calibration of the torque magnetometer has been detected. The following corrections should be noted: (i) The scale of the ordinate in Fig. 2 should be multiplied by 1.6. (ii) The last complete sentence in the first column of p. 651 should now read: "Taking the 77°K value of $X_a - X_c = 17.9 \times 10^{-6}$ emu/mole and using the estimate employed in the T_1 calculation $\langle r^{-3} \rangle_{metal} = 0.80 \times 10^{25}$ cm^{-3}, we find that $K_{ax}^{vv} = -0.016\%$, a value which is a factor of 2 smaller in magnitude than the experimental value of -0.030%." (iii) The first two sentences after the last equation in the paper should now read: "This ratio is of the order of 1.4. If it is *assumed* that the differential susceptibility, equal to 17.9×10^{-6} emu/mole at 77°K, is entirely of the Van Vleck type, then the Van Vleck contribution to the susceptibility of the powder sample is estimated to be only about 13×10^{-6} emu/mole." (iv) In Table I the symbol Hg should be Dy.

Raman Study of Trigonal-Cubic Phase Transitions in Rare-Earth Aluminates, J. F. SCOTT [Phys. Rev. 183, 823 (1969)]. The printer dropped a line of type in the first paragraph. This line was correct in galley stage and should read: "This transition is strikingly analogous in all respects to the tetragonal-cubic transition in SrTiO$_3$, which was first deciphered on the basis of Raman studies."

Pseudopotential Calculation of the Elastic Constants of Simple Metals, DUANE C. WALLACE [Phys. Rev. 182, 778 (1969)]. In Table I the experimental elastic constants of sodium should read $\Omega_a C_{11} = 0.145$ and $\Omega_a C_{12} = 0.121$; this considerably improves the agreement between theory and experiment. The sign of Eq. (5.4) for Δ' is incorrect, but the values of Δ' in Table II are correct.

Calculation of the Reflectivity, Modulated Reflectivity, and Band Structure of GaAs, GaP, ZnSe, and ZnS, J. P. WALTER AND M. L. COHEN [Phys. Rev. 183, 763 (1969)]. Experiment 1 for ZnS should be credited to Cardona and Harbeke (Ref. 6). Therefore, the caption to Table V should read in part: "Experiment 1 refers to Cardona and Harbeke." The caption to Fig. 15 should read in part: "Experiment 1 refers to Cardona and Harbeke (Ref. 6)."