

## Errata

**Theory of Sputtering. I. Sputtering Yield of Amorphous and Polycrystalline Targets**, PETER SIGMUND [Phys. Rev. **184**, 383 (1969)]. Unfortunately, no galley proofs of the paper were sent to the author, so it came to contain a great number of insignificant linguistic errors and misprints. In addition, the following more significant errors should be corrected:

Page 387, third line after Eq. (5b), read: "Eq. (5b)" instead of "Eq. (5a)."

Page 388, second line before Eq. (12), read: "Eq. (7a)" instead of "Eq. (7b)." Last term in Eq. (18), read: " $P_l(\cos\phi)H_l(x, E')$ ."

Page 391, line before Eq. (36), read: "The second is a spherically symmetric potential barrier." For Eq. (37b), read: " $W(x, y, z) = -8V_0 + f(2x^2 + 3y^2 + 3z^2)$ ."

Page 392, right column, fourth line, read: "We shall *not* go into more details."

Page 393, Eqs. (43c) and (43d), read:

$$H_2^0(E) \sim 0 \quad (43c)$$

$$H_3^0(E) \sim 0 \quad (43d)$$

Page 394, line before Eq. (46a), read: "Eq. (21b)" instead of "Eq. (22b)."

Page 396, heading of subsection F, read: "Remarks on the General Yield Formula." Left column, fourth line from the bottom, read: "Sec. 5" instead of "Sec. 4g."

Page 397, line 22, read: " $1/\eta = 1/\cos\theta$ ." Third line from the bottom, read: " $S(E) \propto E$ ." Last line, read: " $S(E) \propto S_n(E)x_0$ ."

Page 398, line before Eq. (57), read: "recoil at  $x > 0$ ." Right column, fifth line from the bottom (excluding references), read: " $S = (1.0 \pm 0.3) \times 10^{-4}$ ."

Page 400, caption to Fig. 6, read: "Function  $\bar{g}(\xi)$  [Eq. (64a)] for  $\dots$ ."

Page 401, left column, third line, read: " $F_0^0, F_1^1, F_0^2, F_2^2, F_1^3, F_3^3$ , etc." Third line in chapter c, read: " $\dots$  of the sputtering ratio of the recoils from radioactive decays as a function  $\dots$ ."

Page 401, third line after Eq. (67b), read: " $M_2/M_1 \gtrsim \frac{1}{3}$ ," instead of " $M_2/M_0 \gtrsim \frac{1}{3}$ ."

Page 402, sixth line before Eq. (70a), read: " $E_1$ " instead of " $E$ ."

Page 403, line before Eq. (72a), read: "Eq. (63a)" instead of "Eq. (63b)."

Page 406, line before Eq. (78), read: " $> E^*$ , Eq. (34)." Second line before Eq. (81a), read: " $\dots$  the integral Eq. (80a)  $\dots$ ."

Page 407, line before Eq. (84a), read: "Eq. (33)" instead of "Eq. (44b)." Third line before Eq. (87a), read: "Beta function" instead of " $\beta$  function."

Page 409, right column, line 15 from the bottom (excluding references), read: "Eq. (48b)" instead of "Eq. (48a)." Right column, third line from the bottom, read: "3.82 eV for Si and 3.40 eV for Ge."

Page 411, one line before Eq. (96), add Ref. 93. Caption to Fig. 17, read: "Eq. (97b)" instead of Eq. (97a); repeat same corrections in Figs. 18 and 19. Right column, fifth line, read: "Eq. (96)" instead of "Eq. (97a)."

Page 414, right column, line 14 from the bottom, read: " $E^{2m}/NC$ ."

**Phenomenology of Shape Effects in Amperian Magnetic Systems with Application to Superconductors**, J. A. CAPE [Phys. Rev. **179**, 485 (1969)]. On page 488, Eq. (24), read  $\sum_k n_k (\mathbf{M}_i \cdot \hat{\epsilon}_k)^2$ , not  $\sum_k (\mathbf{M}_i \cdot \hat{\epsilon}_k)^2$ .

**Approximate Screening Functions in Metals**, DAVID C. LANGRETH [Phys. Rev. **181**, 753 (1969)]. Similar variational principles have been used by A. K. Rajagopal [Phys. Rev. **142**, 152 (1966)], W. Silvert and L. N. Cooper [Phys. Rev. **141**, 336 (1966)], and R. W. Davies [Phys. Rev. **162**, 621 (1967)]. I thank these authors for calling their work to my attention.

**Mössbauer Effect in  $K_3Fe(CN)_6$** , W. T. OOSTERHUIS AND GEORGE LANG [Phys. Rev. **178**, 439 (1969)]. (1)  $g_n$  should be replaced by  $-g_n$  in Eqs. (12)–(14) and Tables I and II. This is a misprint in the paper as the calculations were done with the Hamiltonian  $-g_n \mathfrak{B}_n \mathbf{H} \cdot \mathbf{I}$ . (2) The first equation on p. 447 should have  $\eta^2$  not  $\eta^3$ . (3) Table IV, last column;  $V_{yy}/e$  should be  $-1.03$  not  $-0.13$ . (4) Second paragraph, p. 446,  $E_{yz} = -89.9$  not  $-98.9$  cm $^{-1}$ .