

Errata

Helicons, Doppler-Shifted Cyclotron Resonance, and Gantmakher-Kaner Oscillations, DAVID S. FALK, BILL GERSON, AND J. F. CAROLAN [Phys. Rev. B **1**, 406 (1970)]. The first term on the right in Eq. (72) should be multiplied by i , and the second term by $-i$. The expression for $Z^{\text{GK}(n)}$ in Eq. (82) should be multiplied by $-i(-1)^n$. Because of this phase error, Fig. 8 is shifted somewhat. However, the basic shape and amplitude are correct.

Equation (89), for the branch cut contribution to the surface impedance in the limit $\omega_c \rightarrow 0$, is incorrect. For small ω_c the oscillations disappear. For L comparable to or greater than l , only the leading term in the multiple reflection series contributes. Under extreme anomalous conditions ($l/\delta_\infty \gg |1 - i\omega r|$, where δ_∞ is the extreme anomalous skin depth), the total branch cut contribution is

$$Z_{\pm}^{\text{GK}} = -4\pi(\omega^2 v / \omega_p^2 c)^{1/3} (1 - 3^{1/2} i) / 3^{3/2} c \quad (\omega_c = 0).$$

This result is $-\frac{1}{2}Z_\infty$, where Z_∞ is the standard result for the extreme anomalous surface impedance. The pole terms give $Z_{\pm}^{\text{pole}} = \frac{3}{2}Z_\infty$, so that $Z_{\pm}^{\text{pole}} + Z_{\pm}^{\text{GK}} = Z_\infty$.

Lattice Mobility of Holes in III-V Compounds, J. D. WILEY AND M. DiDOMENICO, JR. [Phys. Rev. B **2**, 427 (1970)]. In the numerator of Eq. (12) $\bar{\mu}^2$ should be \bar{u}^2 . Equation (16) should read as follows:

$$\mu_{P0} \propto T^{1/2} (e^{\Theta/T} - 1) G(1) e^{-\xi}. \quad (16)$$

The correct expression for μ_{P0} was used in preparing Fig. 6.