

**Erratum: “Frequency dependence of hysteresis curves in conducting magnetic materials” [J. Appl. Phys. 76, 5849 (1994)]**

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Errors concerning the directional parameter  $\delta$  ( $=\pm 1$ , depending on the sign of  $dH/dt$ ) occurred in Eqs. (22), (28), and (29) of the derivation. In addition, the permeability of free space appeared incorrectly in Eq. (22).

The correct forms of the equations are

$$M_{\text{irr}}(H) = M_{\text{an}}(H) - \left( k\delta + \frac{\mu_0 d^2}{2\rho\beta} \frac{dM}{dt} \right) \frac{dM_{\text{irr}}}{dH_e}, \quad (22)$$

$$M_{\text{an}}(H) = M(H) + k'' \left( \frac{dM}{dH_e} \right) - k\delta c \frac{dM_{\text{an}}}{dH_e}, \quad (28)$$

$$k'' = k\delta + \frac{\mu_0 d^2}{2\rho\beta} \left( \frac{dM}{dt} \right) + \left( \frac{Gdw\mu_0 H_0}{\rho} \right)^{1/2} \left( \frac{dM}{dt} \right)^{1/2}. \quad (29)$$