Physics Vol. 1, No. 3, pp. 201-202, 1964. Physics Publishing Co. Printed in the United States.

ERRATA

"The Magnetic Properties of Superconducting Alloys I," by Kazumi Maki, Vol. 1, No. 1, pp. 21–30.

Eq. (13) $$K_1(T) = K(1 + 0.391\,\theta)$$

should be replaced by

$$= K(1 + 0.13\,\theta),$$

and Eq. (23) $$K_2 = K(1 - 0.087\,\theta)$$

should be replaced by

$$= K(1 - 0.85\,\theta).$$

The author would like to thank Dr. B. B. Goodman for pointing out a numerical error.

"The Magnetic Properties of Superconducting Alloys II," by Kazumi Maki, Vol. 1, No. 2, pp. 127–143.

Eq. (45) should be corrected as follows

$$F = -\frac{1}{4\pi}\cdot\frac{H_{c2}(T)(H_{c2}(T) - H)}{(2\kappa_2^2(T) - 1)}, \qquad F = -\frac{1}{8\pi}\left(H_0^2 + \frac{(H_{c2}(T) - H_0)^2}{(2\kappa_2^2(T) - 1)\beta}\right)$$

and consequently Eq. (46) should be corrected as follows

$$C_s(T) = -T\frac{\partial^2 F}{\partial T^2} \cong \frac{T}{4\pi}\frac{1}{(2\kappa_2^2(T) - 1)\beta}\left\{\left(\frac{\partial H_{c2}}{\partial T}\right)^2 + \frac{\partial^2 H_{c2}}{\partial T^2}(H_{c2} - H_0)\right\}$$

$$= \frac{16}{9}mp_0\frac{\kappa_1^2(0)}{(2\kappa_2^2(T) - 1)\beta}\left\{\left(\frac{\pi T}{\Delta_\infty}\right)^2 - \frac{3}{4}\frac{H_{c2}(T) - H_0}{H_{c2}(0)}\right\}T, \qquad \text{for } T \ll T_{co}.$$

Also, Eqs. (73), (74) and (75) should read as follows:

$$C_s(T) = T\frac{\partial^2}{\partial T^2}\left\{\frac{1}{8\pi}\frac{(H_{c2}(T) - H_0)^2}{(2\kappa_2^{*2}(T) - 1)\beta}\right\},$$

$$\cong \frac{T}{4\pi}\frac{\left(\frac{\partial H_{c2}}{\partial T}\right)^2}{(2\kappa_2^{*2}(T) - 1)\beta},$$

$$= \frac{mp_0}{9}\frac{16\kappa_1^{*2}(0)}{(2\kappa_2^{*2}(T) - 1)\beta}\left(\frac{1 - \alpha^2}{1 + \alpha^2}\right)^2\left(\frac{\pi T}{\Delta_\infty}\right)^2 T, \qquad \text{for } T \ll T_{co}$$

$$= \frac{8mp_0}{7\zeta(3)}\left\{\frac{\kappa^2}{(2\kappa^2 - 1)\beta}\right\} T, \qquad \text{for } T_{co} - T \ll T_{co}$$

respectively.