

## Erratum

### Calculation of the Surface Parallel Critical Field for Clean Superconducting Films

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The signs in Eq. (56) are incorrect. This equation should read

$$B = -p \frac{45\zeta(4)}{224\zeta(3)} \eta [(\xi^2 u^2)_{\xi_i} + (\xi^2 u^2)_{\xi_r}] \\ - \frac{31\zeta(5)}{70\zeta(3)} \eta^2 [(\xi u^2)_{\xi_i} - (\xi u^2)_{\xi_r}] + \dots$$

As a consequence, Eq. (69) is changed into

$$2 \frac{d\eta}{\eta} - \frac{A(\varepsilon=1)}{\tau} = \begin{cases} \frac{93\zeta(5)}{70\zeta(3)} \left( \frac{\xi_0(T)}{d} \right)^2 + \dots & (p=0), \\ p \frac{135\zeta(4)}{224\zeta(3)} \frac{\xi_0(T)}{d} + \dots & (p>0), \end{cases}$$

where we have dropped the temperature dependent terms which, in a consistent approximation, should not have been written down. Finally, Eq. (12) is to be replaced by

$$\frac{H_{C\parallel}(T)}{H_{C2}(T)} \frac{d}{\sqrt{7\zeta(3)} \xi_d(T)} = 1 + \begin{cases} \frac{93\zeta(5)}{70\zeta(3)} \left( \frac{\xi_0(T)}{d} \right)^2 + \dots & (p=0), \\ p \frac{135\zeta(4)}{224\zeta(3)} \frac{\xi_0(T)}{d} + \dots & (p>0). \end{cases}$$

I wish to thank K.D. USADEL, who, by the results of his own work<sup>1</sup>, suggested another check of my previous results. H.J. SOMMERS' assistance in the calculations is gratefully acknowledged.

<sup>1</sup> USADEL, K.D.: Z. Physik, to be published.

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