Erratum

Surface induced mixed state of a superconducting film

B.J. Yuan

Clarenville Campus, Eastern College of Applied Arts, Technology and continuing Education, Clarenville, Newfoundland, Canada 10E1J0

This note is to correct some mistakes in a report published in this journal in 1994, which were due to an error in my computer programme. It affects the results of four figures in Sect. III, namely, Figs. 5a, b, 6 and 7. This error affects

only the detailed description of some numerical results from previous calculations (see the erratum table below); it has absolutely no significance for the theoretical analysis Z. Phys. B **96**, 165 (1994)

Fig. 5. **a** shows the ratio $T^2 = (F^4)/(F|\mathbf{h}_z^s|F) 1/\lambda^*$ as a function of h , which enhances the κ_2 value due to the surface effect. **b** shows variations of β_B as a function of h for film geometry

Fig. 6. Phase diagram in parallel geometry. Domain I: The transition at H_u is first order. Domain II: The transition at H_u is second order

Fig. 7. Plot shows γ in a film for three values of κ_2

Section	Page	Column	Paragraph	Line	Correction
III	171	r	2nd	15	1.07 to 2.90 $\rightarrow$ 1.07 to 2.00
III	172	r	5th	5	$\sqrt{2}\kappa_2 < 0.53 \rightarrow \sqrt{2}\kappa_2 < 0.55$
III	172	r	5th	10	$0.59 < \sqrt{2}\kappa_2 < 1 \rightarrow 0.71 < \sqrt{2}\kappa_2 < 1$
III	172	r	5th	25–30	$0.53 < \sqrt{2}\kappa_2 < 0.56 \dots$ specified on $\sqrt{2}\kappa_2$. $\rightarrow 0.55 < \sqrt{2}\kappa_2 < 0.71$, a II-I-II film.
III	173	l	6th	4	$\beta_B \approx 1.1 \rightarrow \beta_B \approx 1.6$
III	173	l	6th	11	$h \approx 2.36 \rightarrow h \approx 3.5$
III	174	l	10th	10–22	It is seen... Type II superconductor Void

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