ERRATA

Erratum: Nonmonotonic behavior of the superconducting transition temperature in bimetallic ferromagnet–superconductor structures [JETP 86, 930–942 (May 1998)]

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Zh. Éksp. Teor. Fiz. **116**, 1882 (November 1999)

[S1063-7761(99)02711-0]

Regrettably, the authors of this paper erred in the numerical analysis of Eqs. (36), (37), and (41) for F/S junctions. Nevertheless, the qualitatively different variants of the behavior of the curves $T_c(d_f)$ shown in Fig. 1 are obtained but for somewhat different values of the parameters of the theory.

An accurate numerical solution shows that the values of the parameters in Fig. 1 should be a) $\sigma_s=0.5$, $2I\tau_f=0.5$, $l_s=200 \text{ Å}$, $N_s v_s=N_f v_f$; b) $\sigma_s=10$, $2I\tau_f=0.7$, $l_s=300 \text{ Å}$, $N_s v_s=0.2N_f v_f$; c) $\sigma_s=4$, $2I\tau_f=3$, $l_s=200 \text{ Å}$, $N_s v_s=N_f v_f$; d) $\sigma_s=18$, $2I\tau_f=5$, $l_s=300 \text{ Å}$, $N_s v_s=0.5N_f v_f$. In addition, $d_s=500 \text{ Å}$ and $\xi_{s0}=400 \text{ Å}$ everywhere.

Accordingly, for F/S superlattices phase diagrams $T_c(d_f)$ similar to those in Fig. 2 occur for the following values of the parameters of the theory: a) $\sigma_s=0.7$, $2I\tau_f=0.5$, $l_s=200 \text{ Å}$; b) $\sigma_s=10$, $2I\tau_f=0.5$, $l_s=200 \text{ Å}$; c) $\sigma_s=0.5$, $2I\tau_f=5$, $l_s=200 \text{ Å}$; d) $\sigma_s=2$, $2I\tau_f=5$, $l_s=300 \text{ Å}$. In addition, $d_s=500 \text{ Å}$, $\xi_{s0}=400 \text{ Å}$, and $N_s v_s=N_f v_f$.

These corrections alter neither the main text of the paper nor our results and conclusions.

Translated by M. E. Alferieff