

ERRATA

Erratum: Theory of Josephson effects in anisotropic superconductors [Phys. Rev. B 56, 892 (1997)]

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The formulas (34) and (35) are wrong. They are to be replaced with

$$\mathbf{G}(x, x', k_y, E) = \left(\frac{mE}{i\hbar^2 k_{Fx}} \right) \left\{ \frac{1}{\Omega_{L,+}} \exp[ik_{L,+}(x-x')] \mathbf{A} + \frac{1}{\Omega_{L,-}} \exp[-i\tilde{k}_{L,-}(x-x')] \mathbf{B} \right. \\ \left. + \frac{\tilde{a}_1}{\Omega_{L,-}} \exp[-i(\tilde{k}_{L,+}x - \tilde{k}_{L,-}x')] \mathbf{C} + \frac{a_1}{\Omega_{L,+}} \exp[i(k_{L,-}x - k_{L,+}x')] \mathbf{D} \right\}, \quad 0 > x > x', \quad (1)$$

$$\mathbf{G}(x, x', k_y, E) = \left(\frac{mE}{i\hbar^2 k_{Fx}} \right) \left\{ \frac{1}{\Omega_{L,-}} \exp[-i\tilde{k}_{L,-}(x'-x)] \tilde{\mathbf{A}} + \frac{1}{\Omega_{L,+}} \exp[ik_{L,+}(x'-x)] \tilde{\mathbf{B}} \right. \\ \left. + \frac{\tilde{a}_1}{\Omega_{L,-}} \exp[-i(\tilde{k}_{L,+}x - \tilde{k}_{L,-}x')] \mathbf{C} + \frac{a_1}{\Omega_{L,+}} \exp[i(k_{L,-}x - k_{L,+}x')] \mathbf{D} \right\}, \quad 0 > x' > x. \quad (2)$$

The definition of $\eta_{L(R),\pm}$ in Eq. (51) is wrong. It has to be replaced with

$$\eta_{L,\pm} = \Gamma_{L,\pm} \exp(\pm i\alpha_{\pm}), \quad \eta_{R,\pm} = \Gamma_{R,\pm} \exp(\mp i\beta_{\pm}). \quad (3)$$

These corrections do not affect the results or conclusions.