

Erratum: Enhanced triplet superconductivity in noncentrosymmetric systems [Phys. Rev. B 75, 172511 (2007)]

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We correct an error in the original article. Equation (12) should be replaced by

$$\begin{pmatrix} \chi_{lad}^{\uparrow\uparrow}(k) \\ \chi_{lad}^{\uparrow\downarrow}(k) \end{pmatrix} = \frac{1}{B} \begin{pmatrix} -\chi_1 + U(\chi_1^2 - |\chi_3|^2) \\ -\chi_3 \end{pmatrix},$$

$$\chi_3(k) = -\frac{1}{\beta N} \sum_{q, \omega_n} G_{\uparrow\downarrow}(k+q, i\omega_n) G_{\uparrow\downarrow}(q, i\omega_n). \quad (12)$$

Correspondingly, Figs. 1, 4, and 5 in the original article should be modified. $\Delta_{\uparrow\uparrow}$ is shown in Fig. 1. The real part of $\chi_{lad}^{\uparrow\downarrow}$ is plotted in Fig. 2 for $\lambda=0.5$. That for $\lambda=0.01$ is negligibly small and hence is not shown here. The imaginary part of $\chi_{lad}^{\uparrow\downarrow}$ is shown in Fig. 3. In Fig. 4, we plot $\max|\Delta_{\uparrow\uparrow}|/\max|\Delta_s|$ as a function of the strength of RSOC λ .

Note that the above change does not affect the conclusions of our paper.

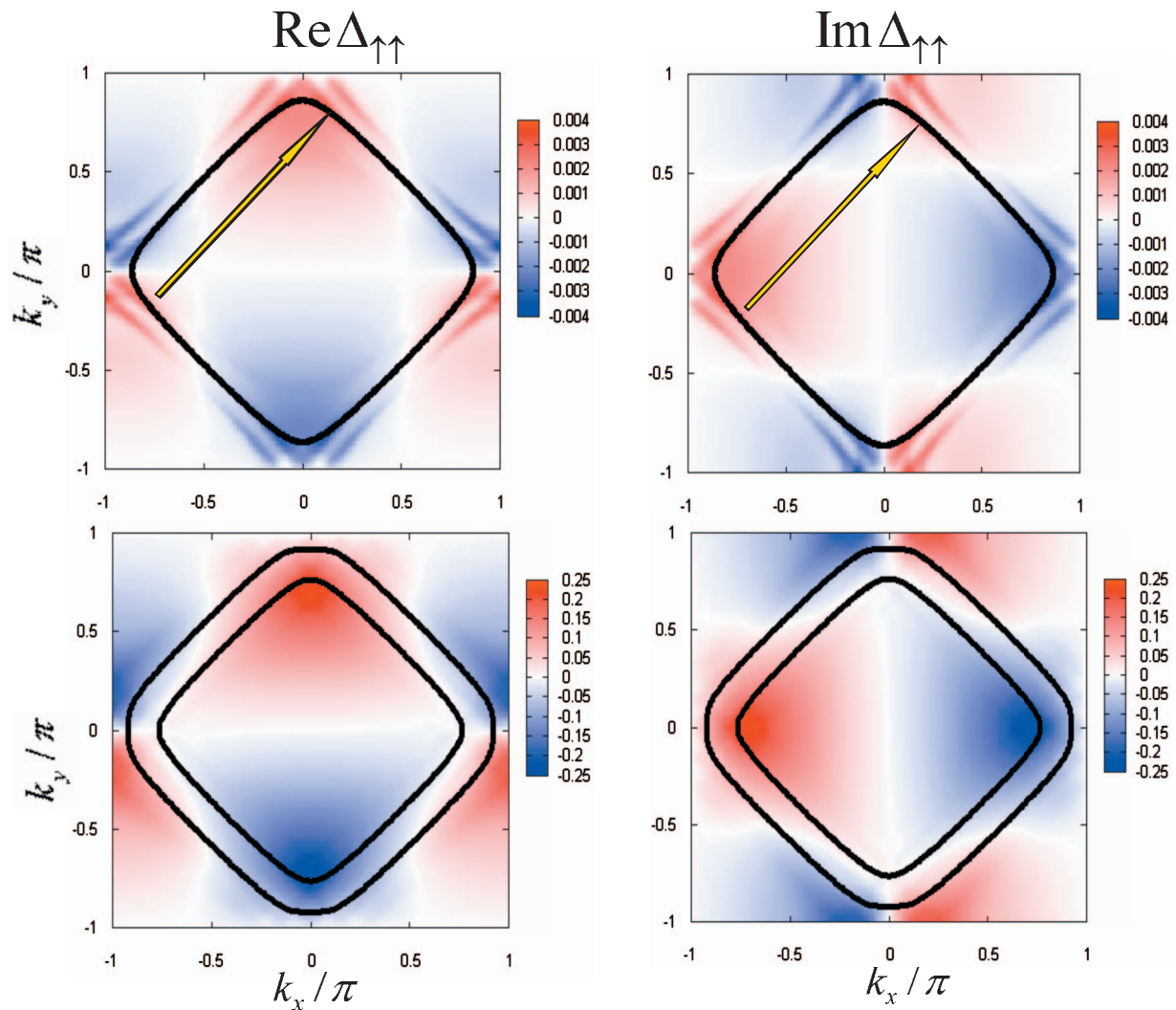


FIG. 1. (Color) Real and imaginary parts of gap function $\Delta_{\uparrow\uparrow}$. We take $\lambda=0.01$ and $\lambda=0.5$ in the upper and lower figures, respectively. Solid lines represent Fermi surfaces. Arrows indicate typical scattering processes.

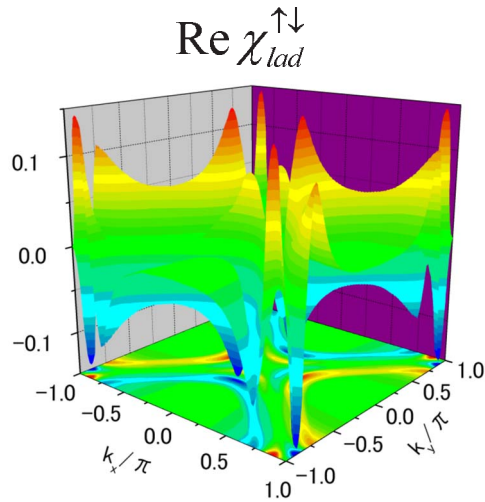


FIG. 2. (Color online) Real part of $\chi_{lad}^{\uparrow\downarrow}$ with $\lambda=0.5$.

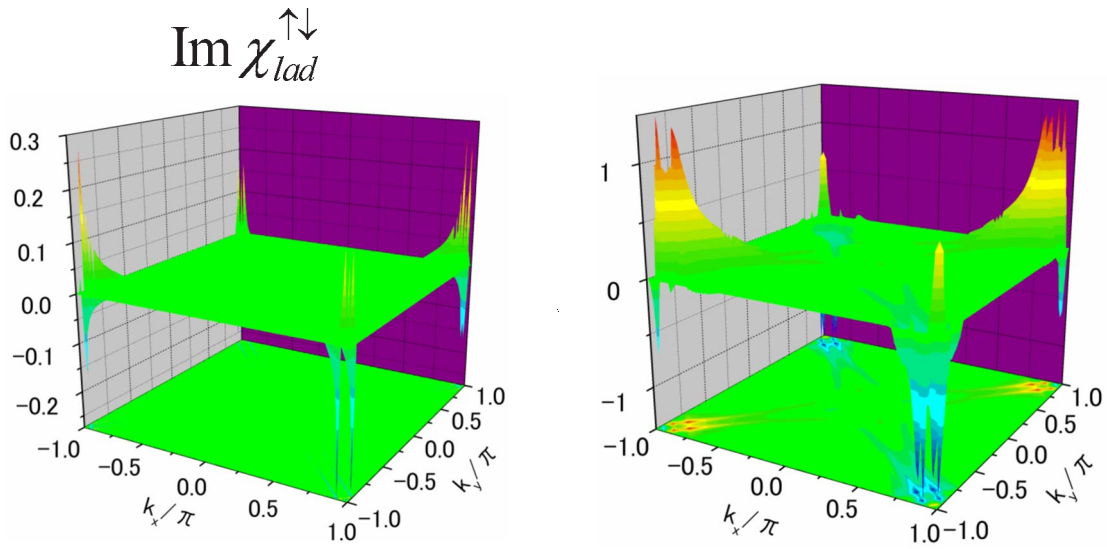


FIG. 3. (Color online) Imaginary part of $\chi_{lad}^{\uparrow\downarrow}$. We set $\lambda=0.01$ and $\lambda=0.5$ in the upper and lower figures, respectively.

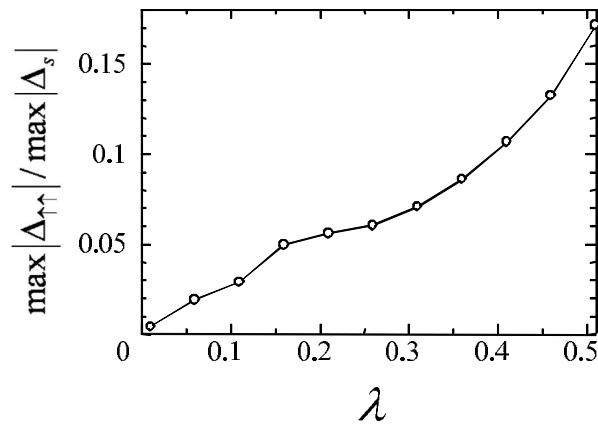


FIG. 4. Relative magnitude of $\max|\Delta_{\uparrow\uparrow}|$ and $\max|\Delta_s|$ as a function of the strength of RSOC λ .

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