# Erratum: Evidence for three-dimensional Fermi-surface topology of the layered electron-doped iron superconductor $Ba(Fe_{1-x}Co_x)_2As_2$ [Phys. Rev. B 79, 220503(R) (2009)]

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We correct a minor mistake in Fig. 4(b). The coordinates of the Γ and $Z$ points in the caption to Fig. 4 appear not to be at symmetry positions in panel (b). We provide below the correct figure [excluding part (a), but including the entire original caption] obtained after a minor correction of the value of the chemical potential. This mistake did not undermine any of the conclusions put forward.

We thank David C. Johnston for pointing out this mistake.

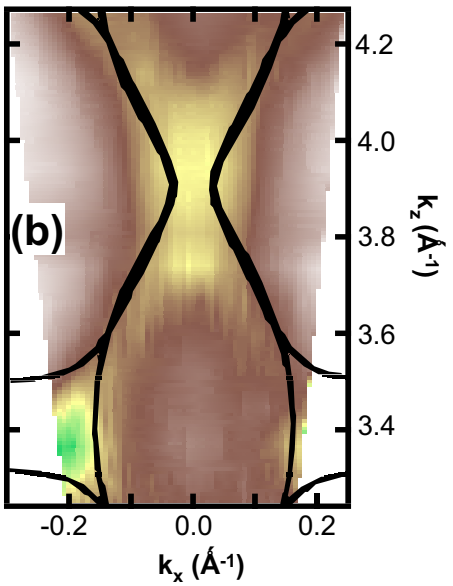


FIG. 4. (Color online) Analysis of the spectra shown in Fig. 3. (a) MDC curves at $E_F$ and (b) intensity at $E_F$ plotted in color scale as a function of the in-plane momentum $k_x$ and vertical momentum $k_z$. The plot illustrates the three-dimensional character of the Fermi-surface topology by showing how the FS around the Γ point consists of a cylinder with small cross-sectional area that flares out in proximity of the $Z$ point. The Γ and $Z$ points correspond to ≈3.88 Å$^{-1}$ and 3.39 Å$^{-1}$ on the vertical $k_z$ scale. The continuous black line in (b) denotes the $k_z$ dispersion calculated for $BaFe_{1.8}Co_{0.2}As_2$ with LDA in the virtual-crystal approximation.

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