

$$\tilde{\mathcal{E}}^{[8]}(x;l_{\perp},k_{\perp},k'_{\perp};R_{\perp})=(2\pi)^2\delta^{(2)}(k_{\perp}-k'_{\perp})\tilde{\mathcal{S}}^A_{\text{F}}(x;k_{\perp};R_{\perp})\tilde{\mathcal{S}}^A_{\text{F}}(x;l_{\perp}-k_{\perp};R_{\perp})+\mathcal{O}\left(1/N_c\right)$$