

$$-i\tilde{t}_i^{(p,1/2)}=\frac{\bar{g}_{K^+n}^2}{M_I-M_R+i\Gamma/2}\bar{G}(M_I)\left\{\frac{1}{3}b_ik_{in}^2-a_i+d_i\right\}\boldsymbol{\sigma}\cdot\boldsymbol{q}'S_I(i)$$