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Erratum: Di-boson signatures as standard candles for partial compositeness

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The sign of C_t in appendix C, eqs. (C.1), (C.7), (C.8) needs to be reversed. The correct relations for eqs. (C.1), (C.7), (C.8) are:

$$\mathcal{M}_{\rm top}^{\rm odd} = -\frac{\epsilon_{\mu\nu\rho\sigma}\epsilon^{\mu}(\vec{k})\epsilon^{\nu}(\vec{p})k^{\rho}p^{\sigma}}{4\pi^2}\frac{C_t}{f_\pi}\left[c_1\widetilde{C}_0(R_p,R_k,R_\pi;\xi)+c_2\widetilde{C}_1(R_p,R_p,R_\pi;\xi)\right], \tag{C.1}$$

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$$
\begin{aligned}
\frac{\Gamma_{\mathrm{WZW+top}}(\pi_0\to gg)}{\Gamma_{\mathrm{WZW}}(\pi_0\to gg)} &= \left|1-\frac{C_t}{\kappa_g}\widetilde{C}_0(0,0,R_{\pi_0};1)\right|^2 ,\\
\frac{\Gamma_{\mathrm{WZW+top}}(\pi_0\to \gamma\gamma)}{\Gamma_{\mathrm{WZW}}(\pi_0\to \gamma\gamma)} &= \left|1-\frac{8}{3}\frac{C_t}{\kappa_B+\kappa_W}\widetilde{C}_0(0,0,R_{\pi_0};1)\right|^2 ,\\
\frac{\Gamma_{\mathrm{WZW+top}}(\pi_0\to W^+W^-)}{\Gamma_{\mathrm{WZW}}(\pi_0\to W^+W^-)} &= \left|1-\frac{3}{2}\frac{C_t}{\kappa_W}\widetilde{C}_1(R_W,R_W,R_{\pi_0};\xi)\right|^2 ,\\
\frac{\Gamma_{\mathrm{WZW+top}}(\pi_0\to Z\gamma)}{\Gamma_{\mathrm{WZW}}(\pi_0\to Z\gamma)} &= \left|1-\frac{2}{c_W^2}\left(\frac{1}{2}-\frac{4s_W^2}{3}\right)\frac{C_t}{\kappa_W-t_W^2\kappa_B}\widetilde{C}_0(R_Z,0,R_{\pi_0};1)\right|^2 ,\\
\frac{\Gamma_{\mathrm{WZW+top}}(\pi_0\to ZZ)}{\Gamma_{\mathrm{WZW}}(\pi_0\to ZZ)} &= \left|1-\frac{C_t}{\kappa_W+t_W^4\kappa_B}\left(\frac{3}{2c_W^4}\widetilde{C}_1(R_Z,R_Z,R_{\pi_0};1)\right.\right.\\
&\qquad \left.\left.+2\frac{t_W^2}{c_W^2}\left(\frac{4s_W^2}{3}-1\right)\widetilde{C}_0(R_Z,R_Z,R_{\pi_0};1)\right)\right|^2 ,
\end{aligned}
\tag{C.7}
$$

$$
\begin{aligned}
\frac{\Gamma_{\mathrm{WZW+top}}(\pi_8\to gg)}{\Gamma_{\mathrm{WZW}}(\pi_8\to gg)} &= \left|1-\frac{C_t}{\kappa_g}\widetilde{C}_0(0,0,R_{\pi_8};1)\right|^2 ,\\
\frac{\Gamma_{\mathrm{WZW+top}}(\pi_8\to g\gamma)}{\Gamma_{\mathrm{WZW}}(\pi_8\to g\gamma)} &= \left|1-\frac{4}{3}\frac{C_t}{\kappa_{gB}}\widetilde{C}_0(0,0,R_{\pi_8};1)\right|^2 ,\\
\frac{\Gamma_{\mathrm{WZW+top}}(\pi_8\to gZ)}{\Gamma_{\mathrm{WZW}}(\pi_8\to gZ)} &= \left|1-\frac{1}{2s_W^2}\left(\frac{1}{2}-\frac{4s_W^2}{3}\right)\frac{C_t}{\kappa_{gB}}\widetilde{C}_0(R_Z,0,R_{\pi_8};1)\right|^2 .
\end{aligned}
\tag{C.8}
$$

The analysis in the main text is unchanged since we neglected loop corrections for large pNGB masses, there.

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