ERRATA

COMPOSITE TWO-HIGGS MODELS (GENERAL PART)

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In the paper, Eq. (A.10) should be as follows:

$$\begin{aligned}
 f(x, y) = & \sum_{l,m=1}^2 \left\{ \left[4 \left(\frac{f_{t,l} \left(\frac{k^2}{\Lambda^2} \right) f_{t,m} \left(\frac{k^2}{\Lambda^2} \right)}{(x + m_t^2(k^2/\Lambda^2))(y + m_b^2(k^2/\Lambda^2))} \right. \right. \right. \\
 & + \left. \frac{f_{b,l} \left(\frac{k^2}{\Lambda^2} \right) f_{b,m} \left(\frac{k^2}{\Lambda^2} \right)}{(x + m_b^2(k^2/\Lambda^2))(y + m_t^2(k^2/\Lambda^2))} \right) k^2 \\
 & + 2m_t \left(\frac{k^2}{\Lambda^2} \right) m_b \left(\frac{k^2}{\Lambda^2} \right) \left(f_{t,l} \left(\frac{k^2}{\Lambda^2} \right) f_{b,m} \left(\frac{k^2}{\Lambda^2} \right) e^{-i\delta_0} \right. \\
 & + \left. \left. f_{b,l} \left(\frac{k^2}{\Lambda^2} \right) f_{t,m} \left(\frac{k^2}{\Lambda^2} \right) e^{i\delta_0} \right) \right. \\
 & \times \left(\frac{1}{(x + m_t^2(k^2/\Lambda^2))(y + m_b^2(k^2/\Lambda^2))} \right. \\
 & + \left. \left. \frac{1}{(x + m_b^2(k^2/\Lambda^2))(y + m_t^2(k^2/\Lambda^2))} \right) \right] \phi_{l1}^* \phi_{m1} \\
 & + 4k^2 \left[\frac{f_{b,l} \left(\frac{k^2}{\Lambda^2} \right) f_{b,m} \left(\frac{k^2}{\Lambda^2} \right)}{(x + m_b^2(k^2/\Lambda^2))(y + m_b^2(k^2/\Lambda^2))} \right. \\
 & + \left. \left. \frac{f_{t,l} \left(\frac{k^2}{\Lambda^2} \right) f_{t,m} \left(\frac{k^2}{\Lambda^2} \right)}{(x + m_t^2(k^2/\Lambda^2))(y + m_t^2(k^2/\Lambda^2))} \right] \phi_{l2}^* \phi_{m2}
 \end{aligned}$$

$$\begin{aligned}
& -2 \left[\frac{f_{b,l}(\frac{k^2}{\Lambda^2}) f_{b,m}(\frac{k^2}{\Lambda^2}) m_b^2(\frac{k^2}{\Lambda^2}) e^{-2i\delta_0}}{(x + m_b^2(k^2/\Lambda^2))(y + m_b^2(k^2/\Lambda^2))} \right. \\
& \quad \left. + \frac{f_{t,l}(\frac{k^2}{\Lambda^2}) f_{t,m}(\frac{k^2}{\Lambda^2}) m_t^2(\frac{k^2}{\Lambda^2})}{(x + m_t^2(k^2/\Lambda^2))(y + m_t^2(k^2/\Lambda^2))} \right] \phi_{l2} \phi_{m2} \\
& -2 \left[\frac{f_{b,l}(\frac{k^2}{\Lambda^2}) f_{b,m}(\frac{k^2}{\Lambda^2}) m_b^2(\frac{k^2}{\Lambda^2}) e^{2i\delta_0}}{(x + m_b^2(k^2/\Lambda^2))(y + m_b^2(k^2/\Lambda^2))} \right. \\
& \quad \left. + \frac{f_{t,l}(\frac{k^2}{\Lambda^2}) f_{t,m}(\frac{k^2}{\Lambda^2}) m_t^2(\frac{k^2}{\Lambda^2})}{(x + m_t^2(k^2/\Lambda^2))(y + m_t^2(k^2/\Lambda^2))} \right] \phi_{l2}^* \phi_{m2}^* \Big\} \quad (\text{A.10})
\end{aligned}$$

Eq. (B.6) should be as follows:

$$B_{12}^{\pi\pi} = -2\Delta_{12} + (1 + g^4) \left[\frac{-5\sqrt{3}}{2} \phi_1^2 + \frac{\sqrt{3}}{2} \phi_2^2 + 3\phi_1\phi_2 \right] \quad (\text{B.6})$$