

Erratum: Basis-independent methods for the two-Higgs-doublet model
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A multiplicative factor of $\frac{\sqrt{2}}{v}$ was omitted from the charged Goldstone boson (G^+) interaction term on the last line of Eq. (87). The last line of this equation should read

$$+ \left\{ \overline{U} [K\rho^D P_R - \rho^{U\dagger} K P_L] D H^+ + \frac{\sqrt{2}}{v} \overline{U} [K M_D P_R - M_U K P_L] D G^+ + \text{H.c.} \right\}$$

In Eq. (B5), the last $\hat{w}_{\bar{b}}^*$ should be removed from Z_2 . The correct expressions read:

$$Z_1 \equiv Z_{a\bar{b}c\bar{d}} \hat{v}_{\bar{a}}^* \hat{v}_b \hat{v}_{\bar{c}}^* \hat{v}_d, \quad Z_2 \equiv Z_{a\bar{b}c\bar{d}} \hat{w}_{\bar{a}}^* \hat{w}_b \hat{w}_{\bar{c}}^* \hat{w}_d$$