

**Erratum: Basis-independent methods for the two-Higgs-doublet model. II.  
The significance of  $\tan\beta$   
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The  $W^+W^-$  interaction with the charged Goldstone and Higgs bosons was inadvertently omitted from Eq. (65). The corrected form of Eq. (65) should read:

$$\begin{aligned}
 \mathcal{L}_{V\bar{V}HH} = & \left[ \frac{1}{4} g^2 W_\mu^+ W^{\mu-} + \frac{g^2}{8c_W^2} Z_\mu Z^\mu \right] \text{Re}(q_{j1}^* q_{k1} + q_{j2}^* q_{k2}) h_j h_k \\
 & + \left[ \frac{1}{2} g^2 W_\mu^+ W^{\mu-} + e^2 A_\mu A^\mu + \frac{g^2}{c_W^2} \left( \frac{1}{2} - s_W^2 \right)^2 Z_\mu Z^\mu + \frac{2ge}{c_W} \left( \frac{1}{2} - s_W^2 \right) A_\mu Z^\mu \right] (G^+ G^- + H^+ H^-) \\
 & + \left\{ \left( \frac{1}{2} e g A^\mu W_\mu^+ - \frac{g^2 s_W^2}{2c_W} Z^\mu W_\mu^+ \right) (q_{k1} G^- + q_{k2} e^{-i\theta_{23}} H^-) h_k + \text{H.c.} \right\}. \tag{65}
 \end{aligned}$$