Erratum to: Rephasing invariance and permutation symmetry in flavor physics

T. K. Kuo^{1,a}, S. H. Chiu^{2,b}

¹ Department of Physics, Purdue University, West Lafayette, IN 47907, USA

² Physics Group, CGE, Chang Gung University, Taoyuan 33302, Taiwan

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This erratum concerns the corrections of Equations (49) and (52).

Equation (49) should read:

$$\mathcal{D}W_{\alpha i} = -2c' \cdot \left(\Delta \tilde{m}_{\beta}^2 [S^{\alpha i}]_{\beta j} \tilde{G}_j + \Delta \tilde{m}_j^2 [S^{\alpha i}]_{j\beta}^T \tilde{H}_{\beta} \right),$$

and Eq. (52) should read:

$$\begin{aligned} \mathcal{D}W_{\alpha i} = & \mathcal{D}W_{\alpha i}^{(1)} - 2c' \left(\Delta \tilde{f}_{\beta}^{\prime} [S^{\alpha i}]_{\beta j} \tilde{G}_j + \Delta \tilde{m}_{\beta}^2 [S^{\alpha i}]_{\beta j} \tilde{G}_j' \right. \\ & \left. + \Delta \tilde{g}_j^{\prime} [S^{\alpha i}]_{j\beta}^T \tilde{H}_{\beta} + \Delta \tilde{m}_j^2 [S^{\alpha i}]_{j\beta}^T \tilde{H}_{\beta}' \right), \end{aligned}$$

where $[S^{AI}]_{BJ} = (\sum_{\gamma k} e^{AB\gamma} e^{IJK}) \Lambda_{BJ}$.

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^a e-mail: tkkuo@purdue.edu

^b e-mail: schiu@mail.cgu.edu.tw (corresponding author)