



$$\mathrm{Tr}_b(\varphi, \bar{\varphi}) = \int [\mathrm{d}g_i]^6 \varphi(g_1, g_2, g_3) \bar{\varphi}(g_1, g_2, g_4) \\ \times \bar{\varphi}(g_5, g_6, g_3) \varphi(g_5, g_6, g_4)$$