

$$W_{\delta_1\rho_1\sigma_2}^{3\beta} = U_{\delta_1\rho_1}^{3\beta} + \frac{1}{8\pi^2} \int_{a_2}^{a_2'} da_2' \left[\frac{U_{\delta_1\rho_1}^{2\beta} - a_2' U_{\rho_1\sigma_2}^{1\beta}}{U_{\rho_1\sigma_2}^{0\beta}} \right]$$