

$$g_{\Lambda^* \bar{K}^* N}(P_0, k) = g_{\Lambda^* \pi \Sigma^*} \left[ G_{\pi \Sigma^*}(P_0) + \frac{2}{3} \tilde{G}_{\pi \Sigma^* K}(P_0, k) \right] g_{\pi \Sigma^* \bar{K}^* N}$$