

$$\mathcal{L}_{\text{int}}^{(I_W=3/2)} = \frac{gf_{3/2}}{\Lambda} \sum_{M,m,m'} C(\frac{3}{2}, M | 1, m; \frac{1}{2}, m') \times$$

$$\left( \bar{\Psi}_M \sigma_{\mu\nu} q_{Lm'} \right) \partial^\nu (W^m)^\mu + h.c.$$

$$\mathcal{L}_{\text{int}}^{(I_W=1)} = \frac{gf_1}{\Lambda} \sum_{m=0,\pm 1} \left[ \left( \bar{U}_m \sigma_{\mu\nu} u_R \right) + \right.$$

$$\left. \left( \bar{D}_m \sigma_{\mu\nu} d_R \right) \right] \partial^\nu (W^m)^\mu + h.c.$$