

$$\underbrace{\text{LQ}}_{\pm \frac{1}{3}, \pm \frac{2}{3}, \pm \frac{4}{3}, \pm \frac{5}{3}} \rightarrow \underbrace{\ell}_{\pm 1, 0} \underbrace{q}_{\mp \frac{1}{2}, \pm \frac{2}{3}}$$