

$$n \left\{ \begin{array}{c} u \\ d \\ d \end{array} \right\} p$$

 W_L
 ν_L
 e^-
 χ^0
 ν_L
 e^-
 W_L

$$n \left\{ \begin{array}{c} u \\ d \\ d \end{array} \right\} p$$

(a)

$$n \left\{ \begin{array}{c} u \\ d \\ d \end{array} \right\} p$$

 W_L
 ν_L
 e^-
 χ^0
 \tilde{Z}
 χ^0
 ν_L
 e^-
 W_L

$$n \left\{ \begin{array}{c} u \\ d \\ d \end{array} \right\} p$$

(b)