



$$\begin{array}{ccccc} \psi_{R,0} & & \psi_{R,1} & & \psi_{R,2} \\ & \swarrow & \downarrow m & \searrow & \downarrow m \\ -qm & & \psi_{L,1} & -qm & \psi_{L,2} \end{array}$$

$$\begin{array}{ccccc} & & \psi_{R,N-1} & & \psi_{R,N} \\ & \downarrow m & \searrow & \swarrow & \downarrow m \\ \psi_{L,N-1} & -qm & \psi_{L,N} \end{array}$$