$$\Psi[Q_R, Q_L] = 0$$

$$\partial_t Q + S_1 \, \partial_x Q = \frac{1}{\varepsilon} \begin{pmatrix} 0 \\ F_1(U) - V \end{pmatrix} \middle| \partial_t Q + S_2 \, \partial_x Q = \frac{1}{\varepsilon} \begin{pmatrix} 0 \\ F_2(U) - V \end{pmatrix}$$

$$Q_{-2} \qquad Q_{-1} \quad Q_R \middle| Q_L \quad Q_0 \qquad Q_1$$

$$x_{-5/2} \qquad I_{-2} \qquad x_{-3/2} \qquad I_{-1} \qquad x_{-1/2} = 0 \qquad I_0 \qquad x_{1/2} \qquad I_1 \qquad x_{3/2}$$