

$$\sum_x \left\langle \begin{array}{|c|} \hline \text{ } \\ \hline \end{array} E_{i,x}(\tau') \begin{array}{|c|} \hline \text{ } \\ \hline \end{array} \times \begin{array}{|c|} \hline \text{ } \\ \hline \end{array} E_{i,x}(\tau'') \begin{array}{|c|} \hline \text{ } \\ \hline \end{array} \right\rangle$$