

**Define**  $\left[ \mathbf{C}_i = \mathbb{E}_{\{\} \rightarrow \{i\}} \left[ \theta, \theta, \mathbf{B}_i^{1/2} e^{-\hbar \epsilon a_i / 2} \right]_{\$k}, \right.$

$\bar{\mathbf{C}}_i = \mathbb{E}_{\{\} \rightarrow \{i\}} \left[ \theta, \theta, \mathbf{B}_i^{-1/2} e^{\hbar \epsilon a_i / 2} \right]_{\$k},$

**Kink<sub>i</sub>** =  $\left( \mathbf{R}_{1,3} \bar{\mathbf{C}}_2 \right) // \mathbf{dm}_{1,2 \rightarrow 1} // \mathbf{dm}_{1,3 \rightarrow i},$

$\overline{\mathbf{Kink}_i} = \left( \bar{\mathbf{R}}_{1,3} \mathbf{C}_2 \right) // \mathbf{dm}_{1,2 \rightarrow 1} // \mathbf{dm}_{1,3 \rightarrow i} ]$