

Define  $\left[ \mathbf{C}_i = \Lambda 2\mathbb{E}_{\{\}\rightarrow\{i\}} \left[ -\frac{\hbar}{2} (\mathbf{b}_i + \epsilon \mathbf{a}_i) \right], \right.$

$$\bar{\mathbf{C}}_i = \Lambda 2\mathbb{E}_{\{\}\rightarrow\{i\}} \left[ \frac{\hbar}{2} (\mathbf{b}_i + \epsilon \mathbf{a}_i) \right],$$

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

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