

$$\sum_{k, \alpha} \left(\text{Diagram 1} \right) = \frac{1}{2} \sum_{k, i, k', i'} \left(\text{Diagram 2} \right)$$

The first diagram shows a vertical oval with a wavy internal line. The left side is labeled with $\sum_{k, \alpha}$ and the right side with k, i .

The second diagram shows two side-by-side vertical ovals. The left oval is labeled with $\sum_{k, i, k', i'}$ and the right oval is labeled with k', i' .

Fig A.3