

Diagrammatic equation showing the equivalence between a propagator  $F$  and a loop diagram  $C$ .

Left side: A horizontal line segment with two vertices labeled  $i$  and  $j$ . The segment is labeled  $F$ .

Right side: A horizontal line segment with four vertices labeled  $i$ ,  $k$ ,  $l$ , and  $j$ . A yellow semi-circular loop labeled  $C$  connects vertices  $k$  and  $l$ .

The equation is represented as:

$$i \text{---} F \text{---} j = i \text{---} k \text{---} C \text{---} l \text{---} j$$