

$$\sum_{\sigma} a'|a \left(q, \nu \right) = \text{Diagram}$$

The diagram illustrates a scattering process. A central gray circle represents an interaction region. Two horizontal lines pass through it. The left line has an incoming arrow from the left labeled q and an outgoing arrow to the circle labeled a' and σ . The right line has an incoming arrow from the right labeled q and an outgoing arrow to the circle labeled a and σ .