

Diagram illustrating the replacement of a photon line with a selectron line in a loop process.

The left side shows a loop diagram with a shaded circular vertex. A wavy line labeled  $A_L$  is attached to the top of the vertex. Two solid lines enter the vertex from the left, and two solid lines exit from the bottom.

The right side shows the same loop diagram, but the wavy line is replaced by a dashed line labeled  $\chi$ . The entire right-hand side is enclosed in large square brackets, indicating a correction factor:

$$\left[ 1 + \mathcal{O} \left( \frac{m_A^2}{E^2} \right) \right]$$