

$$\left[\text{Diagram 1} + \text{Diagram 2} \right]^2 = \text{Diagram 3} + 2 \text{Diagram 4} + \text{Diagram 5}$$

The equation shows the square of the sum of two diagrams equal to the sum of three diagrams. The diagrams are as follows:

- Diagram 1:** A circle with a vertical line through its center, representing a vacuum expectation value.
- Diagram 2:** A circle with two vertical lines intersecting at the center, representing a self-energy correction.
- Diagram 3:** Two circles connected by a horizontal line. The left circle has a vertical line through its center, and the right circle has a vertical dashed line through its center.
- Diagram 4:** Two circles connected by a horizontal line. Both circles have two vertical lines intersecting at the center.
- Diagram 5:** Two circles connected by a horizontal line. The left circle has two vertical lines intersecting at the center, and the right circle has a vertical dashed line through its center.