

The image shows a mathematical identity involving four Feynman diagrams, each with three incoming lines at the bottom and three outgoing lines at the top. The diagrams are separated by a plus sign, a minus sign, and another minus sign, followed by an equals sign and a zero.

The first diagram has incoming lines labeled 1, 2, and 3 from left to right. It features two vertices: the upper vertex is crossed by a horizontal line, and the lower vertex is crossed by a vertical line. A wavy line connects the two vertices, forming a loop.

The second diagram is similar to the first, but the wavy line forms a different loop configuration.

The third diagram has a different internal structure for the wavy line loop.

The fourth diagram also has a distinct internal structure for the wavy line loop.

The entire expression is set equal to zero, indicating a sum rule or identity for these diagrams.

$$\text{Diagram 1} + \text{Diagram 2} - \text{Diagram 3} - \text{Diagram 4} = 0$$