

The image displays a sum of five Feynman diagrams, each representing a particle interaction. The diagrams are arranged horizontally and separated by plus signs. Each diagram consists of two vertices connected by two dashed lines. External lines are wavy and labeled with numbers 1 through 4.

- Diagram 1:** Top-left vertex has incoming lines 1 and 2, and outgoing lines 4 and 3. Bottom-right vertex has incoming lines 3 and 4, and outgoing lines 1 and 2.
- Diagram 2:** Top-left vertex has incoming lines 1 and 2, and outgoing lines 3 and 4. Bottom-right vertex has incoming lines 3 and 4, and outgoing lines 1 and 2.
- Diagram 3:** Top-left vertex has incoming lines 1 and 3, and outgoing lines 4 and 2. Bottom-right vertex has incoming lines 2 and 4, and outgoing lines 1 and 3.
- Diagram 4:** Top-left vertex has incoming lines 1 and 4, and outgoing lines 3 and 2. Bottom-right vertex has incoming lines 2 and 3, and outgoing lines 1 and 4.
- Diagram 5:** Top-left vertex has incoming lines 1 and 4, and outgoing lines 2 and 3. Bottom-right vertex has incoming lines 3 and 2, and outgoing lines 1 and 4.