

The diagram illustrates a sum of three tree-level Feynman diagrams, each featuring a shaded internal line segment labeled s_i , s_j , and s_k respectively. The diagrams are connected by plus signs, and the entire sum is equated to zero.

- Diagram c_i :** A tree structure where the shaded line s_i connects two vertices. The left vertex has two external lines, and the right vertex has three external lines.
- Diagram c_j :** A tree structure where the shaded line s_j connects two vertices. The left vertex has three external lines, and the right vertex has four external lines.
- Diagram c_k :** A tree structure where the shaded line s_k connects two vertices. The left vertex has two external lines, and the right vertex has three external lines. The diagram shows a crossing of lines, indicating a non-planar configuration.

The equation is expressed as:

$$c_i + c_j + c_k = 0$$