

Diagram illustrating a scattering process involving two vertices (represented by black dots) and two external pairs of lines (solid and dashed).

The process is defined by the following labels:

- Top pair of lines:  $\mathbf{k}_2$  (solid line) and  $-\mathbf{k}_2$  (dashed line)
- Bottom pair of lines:  $-\mathbf{k}'_1$  (dashed line) and  $\mathbf{k}'_1$  (solid line)
- Left side labels:  $-\mathbf{k}'_1$  and  $\mathbf{k}'_1$
- Right side labels:  $\mathbf{k}_2$  and  $-\mathbf{k}_2$
- Bottom right labels:  $-\mathbf{k}_1$  and  $\mathbf{k}_1$

The diagram shows two vertices connected by two internal lines (solid and dashed). The external lines are labeled with momenta  $\mathbf{k}_1$  and  $\mathbf{k}_2$ . The process is defined by the labels  $-\mathbf{k}'_1$  and  $\mathbf{k}'_1$  on the left, and  $\mathbf{k}_2$  and  $-\mathbf{k}_2$  on the right. The bottom right labels  $-\mathbf{k}_1$  and  $\mathbf{k}_1$  are also present.

The diagram is followed by a minus sign and a plus sign, indicating a subtraction and addition of terms, respectively. The plus sign is followed by a double-headed arrow labeled  $(\mathbf{k}_1 \leftrightarrow \mathbf{k}_2)$ , indicating a symmetry or exchange of the momenta  $\mathbf{k}_1$  and  $\mathbf{k}_2$ .