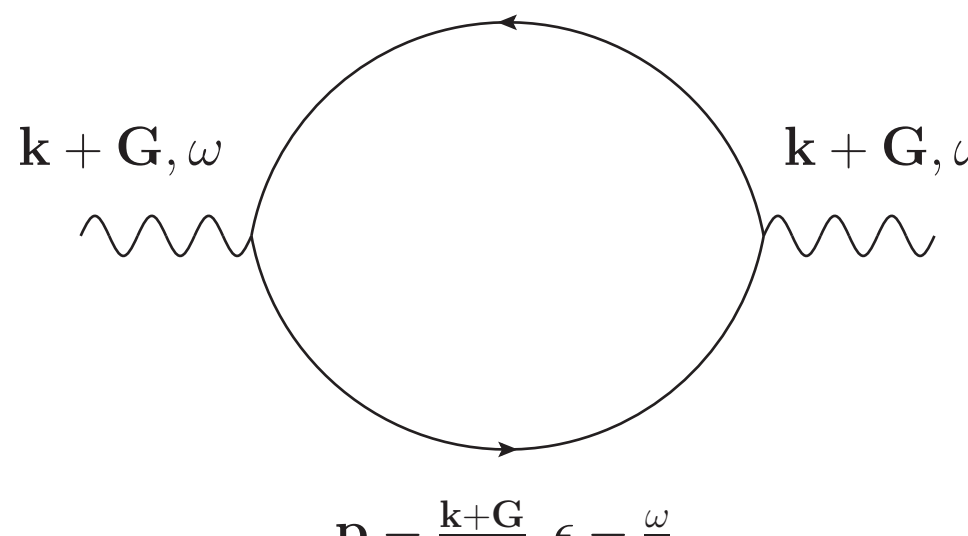


$$\Pi_{\mu}^{(0)}(\mathbf{k}, \omega) =$$


The diagram shows a central circular loop with two arrows indicating a clockwise direction. Two wavy lines, representing external fields, are attached to the left and right sides of the loop. The left wavy line is labeled with the momentum and frequency  $\mathbf{k} + \mathbf{G}, \omega$ . The right wavy line is also labeled with  $\mathbf{k} + \mathbf{G}, \omega$ . Above the loop, the momentum and frequency are given as  $\mathbf{p} + \frac{\mathbf{k} + \mathbf{G}}{2}, \epsilon + \frac{\omega}{2}$ . Below the loop, they are given as  $\mathbf{p} - \frac{\mathbf{k} + \mathbf{G}}{2}, \epsilon - \frac{\omega}{2}$ .