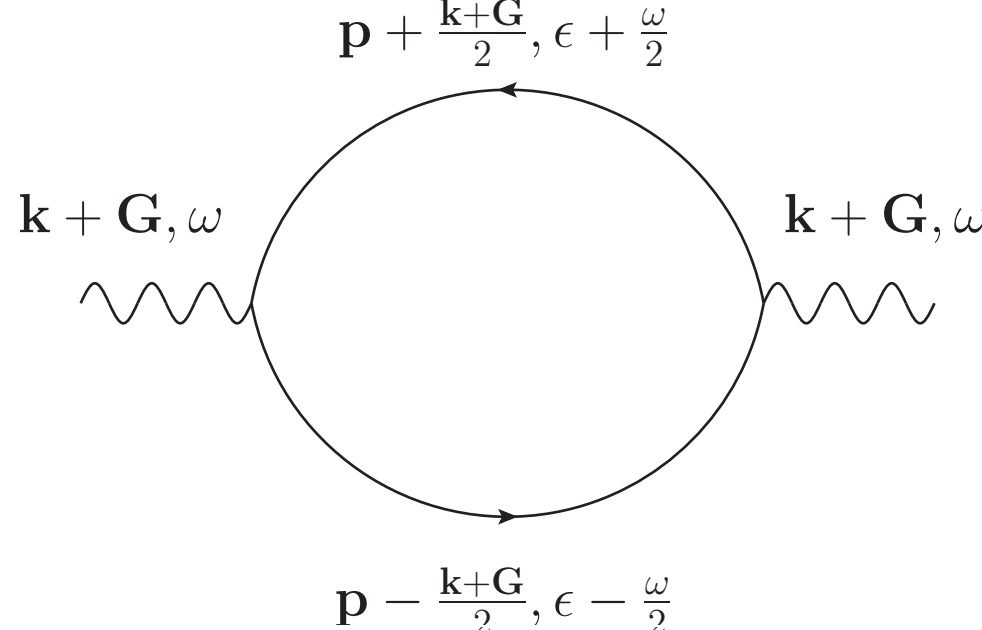


$$\Pi_{\mu}^{(0)}(\mathbf{k}, \omega) =$$


The diagram represents a Feynman diagram for the polarization function $\Pi_{\mu}^{(0)}(\mathbf{k}, \omega)$. It consists of a central circle with two wavy lines attached to its left and right sides. The left wavy line is labeled $\mathbf{k} + \mathbf{G}, \omega$. The right wavy line is labeled $\mathbf{k} + \mathbf{G}, \omega$. The top of the circle has an arrow pointing left and is labeled $\mathbf{p} + \frac{\mathbf{k} + \mathbf{G}}{2}, \epsilon + \frac{\omega}{2}$. The bottom of the circle has an arrow pointing right and is labeled $\mathbf{p} - \frac{\mathbf{k} + \mathbf{G}}{2}, \epsilon - \frac{\omega}{2}$.