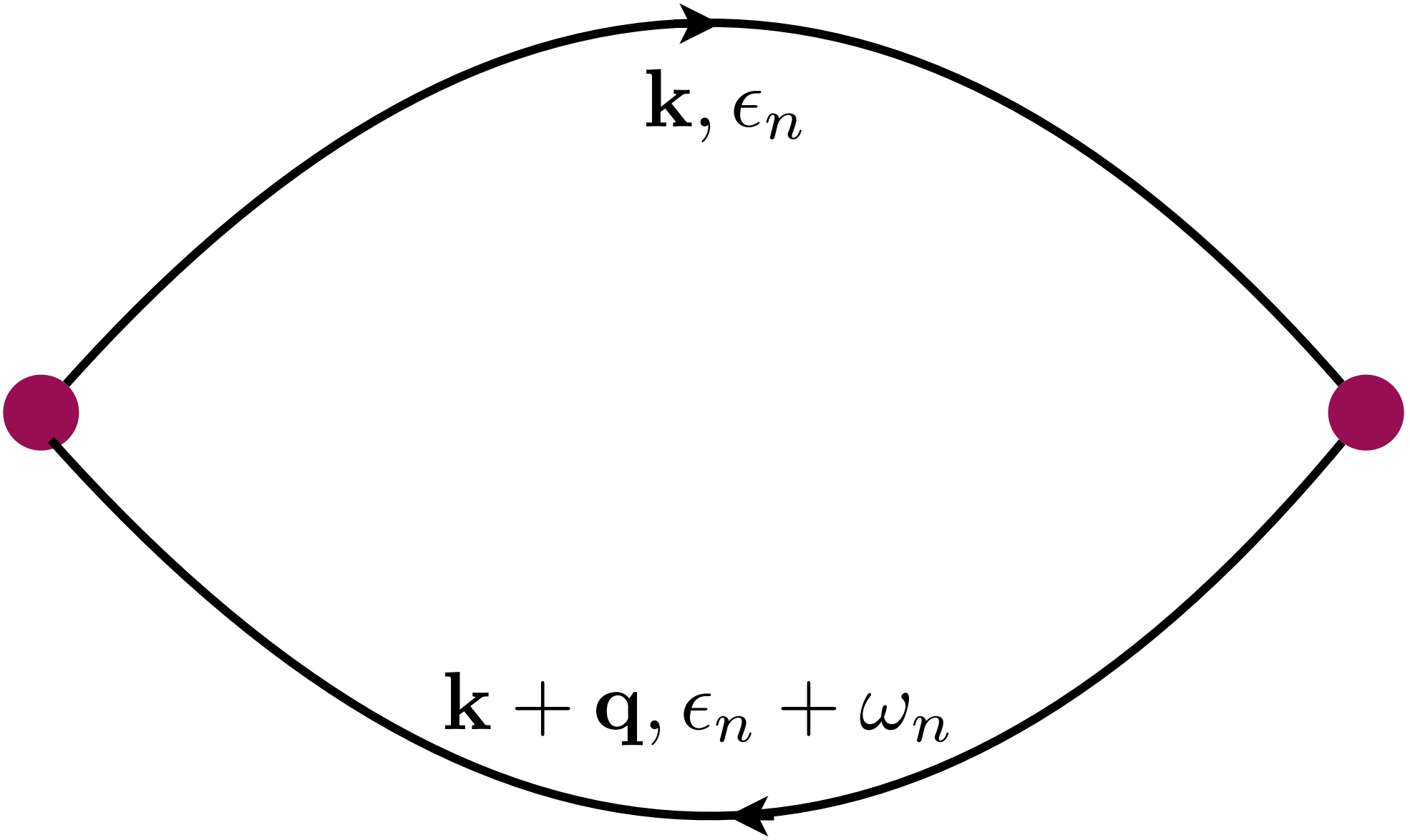
$\mathbf{k}, \epsilon_n$
$\mathbf{k} + \mathbf{q}, \epsilon_n + \omega_n$