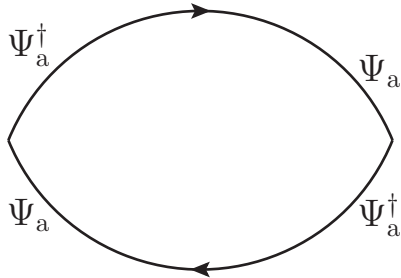$$\chi_{\text{PJ}}(\omega = 0) = \quad \begin{array}{c} \Psi_a^\dagger \\ \Psi_a \end{array} \bigcirc \begin{array}{c} \Psi_a \\ \Psi_a^\dagger \end{array} \quad + \quad \begin{array}{c} \Psi_b^\dagger \\ \Psi_b \end{array} \bigcirc \begin{array}{c} \Psi_b \\ \Psi_b^\dagger \end{array}$$