$(U_{\nu}^{eff})^2 = 2Y_a^2(j_{\nu})/\Omega_{\nu}; \quad (U_{\nu}^{eff})^2 = 1 - (U_{\nu}^{eff})^2$ 

$$X_n(j_{\nu})$$
 \ \_

Order parameter  $\left(\langle \tilde{0}|PP^{\dagger}|\tilde{0}\rangle\right)^{1/2} = \begin{cases} \alpha_0 = \sum_{\nu>0} U'_{\nu}V'_{\nu} \\ \alpha_{dm} = \sum_{\nu>0} U^{eff}_{\nu}V^{eff}_{\nu} \end{cases}$ 

 $\begin{pmatrix} U_{\nu}' \\ V_{\nu}' \end{pmatrix} = \frac{1}{\sqrt{2}} \left( 1 \pm \frac{\epsilon_{\nu}}{\sqrt{\epsilon_{\nu}^2 + \Lambda^2}} \right)^{1/2}$ 

$$\left. \begin{array}{c} X_n(j_v) \\ Y_n(j_v) \end{array} \right\} = \frac{\left(\sqrt{\Omega_j}/2\right)\Gamma_n}{2|E_i| \mp W_n}$$

$$\left.\begin{array}{c} X_n(j_{\nu}) \\ Y_n(j_{\nu}) \end{array}\right\} =$$

pairing rotations