

114th Eigenvector

$$N_e = 4 \quad s = 2 \quad m_s = 0$$

Irred. Representation : Γ_2

$$E_{114} = J + 12W$$

$$\begin{aligned} |\Psi_{114}\rangle &= |4, 2, 0, \Gamma_2\rangle \\ &= \frac{1}{\sqrt{6}} (|dduu\rangle + |dudu\rangle + |duud\rangle + |uddu\rangle + |udud\rangle + |uudd\rangle) \end{aligned}$$