

34th Eigenvector

$$N_e = 2 \quad s = 1 \quad m_s = 1$$

Irred. Representation : $\Gamma_{4,3}$

$$E_{34} = \frac{1}{2}(J + 4(t + W))$$

$$\begin{aligned} |\Psi_{34}\rangle &= |2, 1, 1, \Gamma_{4,3}\rangle \\ &= \frac{1}{2}(|00uu\rangle - |0uu0\rangle + |u00u\rangle + |uu00\rangle) \end{aligned}$$