

32nd Eigenvector

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

Irred. Representation : $\Gamma_{4,1}$

$$E_{32} = \frac{1}{2}(J + 4(t + W))$$

$$\begin{aligned} |\Psi_{32}\rangle &= |2, 1, 1, \Gamma_{4,1}\rangle \\ &= \frac{1}{2}(|0u0u\rangle + |0uu0\rangle + |u00u\rangle + |u0u0\rangle) \end{aligned}$$