

246th Eigenvector

$$N_e = 6 \quad s = 1 \quad m_s = 1$$

Irred. Representation : $\Gamma_{5,2}$

$$E_{246} = \frac{1}{2}(J + 4(t + U + 13W))$$

$$\begin{aligned} |\Psi_{246}\rangle &= |6, 1, 1, \Gamma_{5,2}\rangle \\ &= \frac{1}{2}(|2u2u\rangle - |2uu2\rangle - |u22u\rangle + |u2u2\rangle) \end{aligned}$$