

238th Eigenvector

$$N_e = 6 \quad s = 1 \quad m_s = 0$$

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

$$E_{238} = -2t + 2U + 26W$$

$$\begin{aligned} |\Psi_{238}\rangle &= |6, 1, 0, \Gamma_{4,3}\rangle \\ &= \frac{1}{2\sqrt{2}} (|22du\rangle + |22ud\rangle - |2du2\rangle - |2ud2\rangle + |d22u\rangle + |du22\rangle + |u22d\rangle + |ud22\rangle) \end{aligned}$$