

235th Eigenvector

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

Irred. Representation : $\Gamma_{4,2}$

$$E_{235} = -2t + 2U + 26W$$

$$\begin{aligned} |\Psi_{235}\rangle &= |6, 1, 0, \Gamma_{4,2}\rangle \\ &= \frac{1}{2\sqrt{2}} (|22du\rangle + |22ud\rangle + |2d2u\rangle + |2u2d\rangle - |d2u2\rangle - |du22\rangle - |u2d2\rangle - |ud22\rangle) \end{aligned}$$