

28th Eigenvector

$$N_e = 2 \quad s = 1 \quad m_s = 0$$

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

$$E_{28} = 2(t + W)$$

$$\begin{aligned} |\Psi_{28}\rangle &= |2, 1, 0, \Gamma_{4,3}\rangle \\ &= \frac{1}{2\sqrt{2}} (|00du\rangle + |00ud\rangle - |0du0\rangle - |0ud0\rangle + |d00u\rangle + |du00\rangle + |u00d\rangle + |ud00\rangle) \end{aligned}$$