

34th Eigenvector

$$N_e = 3 \quad s = \frac{1}{2} \quad m_s = \frac{1}{2}$$

Irred. Representation : Γ_2

$$E_{34} = U + 2W$$

$$\begin{aligned} |\Psi_{34}\rangle &= |3, \frac{1}{2}, \frac{1}{2}, \Gamma_2\rangle \\ &= \frac{1}{\sqrt{6}} (|02u\rangle - |0u2\rangle - |20u\rangle + |2u0\rangle + |u02\rangle - |u20\rangle) \end{aligned}$$