

33rd Eigenvector

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

Irred. Representation : Γ_1

$$E_{33} = U + 2W$$

$$\begin{aligned} |\Psi_{33}\rangle &= |3, \frac{1}{2}, \frac{1}{2}, \Gamma_1\rangle \\ &= \frac{1}{\sqrt{6}} (|02u\rangle + |0u2\rangle + |20u\rangle + |2u0\rangle + |u02\rangle + |u20\rangle) \end{aligned}$$