

35th Eigenvector

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

Irred. Representation : Γ_2

$$E_{35} = \frac{1}{2}(J + 6W)$$

$$\begin{aligned} |\Psi_{35}\rangle &= |3, \frac{3}{2}, \frac{1}{2}, \Gamma_2\rangle \\ &= \frac{1}{\sqrt{3}}(|duu\rangle + |udu\rangle + |uud\rangle) \end{aligned}$$