

64th Eigenvector

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

Irred. Representation : Γ_1

$$E_{64} = 3(U + 4W)$$

$$\begin{aligned} |\Psi_{64}\rangle &= |6, 0, 0, \Gamma_1\rangle \\ &= 1(|222\rangle) \end{aligned}$$