

192nd Eigenvector

$$N_e = 5 \quad s = \frac{1}{2} \quad m_s = \frac{1}{2}$$

Irred. Representation : Γ_1

$$E_{192} = 2(U + 8W) - t$$

$$\begin{aligned} |\Psi_{192}\rangle &= |5, \frac{1}{2}, \frac{1}{2}, \Gamma_1\rangle \\ &= \frac{1}{2\sqrt{3}} (|022u\rangle + |02u2\rangle + |0u22\rangle + |202u\rangle + |20u2\rangle + |220u\rangle \\ &\quad + |22u0\rangle + |2u02\rangle + |2u20\rangle + |u022\rangle + |u202\rangle + |u220\rangle) \end{aligned}$$