

219th Eigenvector

$$N_e = 5 \quad s = \frac{3}{2} \quad m_s = \frac{3}{2}$$

Irred. Representation : $\Gamma_{5,3}$

$$E_{219} = \frac{3J}{2} - t + U + 18W$$

$$\begin{aligned} |\Psi_{219}\rangle &= |5, \frac{3}{2}, \frac{3}{2}, \Gamma_{5,3}\rangle \\ &= \frac{1}{2} (|2uuu\rangle + |u2uu\rangle - |uu2u\rangle - |uuu2\rangle) \end{aligned}$$