

217th Eigenvector

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

Irred. Representation : $\Gamma_{5,1}$

$$E_{217} = \frac{3J}{2} - t + U + 18W$$

$$\begin{aligned} |\Psi_{217}\rangle &= |5, \frac{3}{2}, \frac{3}{2}, \Gamma_{5,1}\rangle \\ &= \frac{1}{2} (|2uuu\rangle + |u2uu\rangle + |uu2u\rangle + |uuu2\rangle) \end{aligned}$$