

229th Eigenvector

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

Irred. Representation : $\Gamma_{3,2}$

$$E_{229} = 2(t + U + 13W) - J$$

$$\begin{aligned} |\Psi_{229}\rangle &= |6, 0, 0, \Gamma_{3,2}\rangle \\ &= \frac{1}{2\sqrt{2}} (|22du\rangle - |22ud\rangle - |2du2\rangle + |2ud2\rangle - |d22u\rangle + |du22\rangle + |u22d\rangle - |ud22\rangle) \end{aligned}$$