

## 244<sup>th</sup> Eigenvector

$$N_e = 6 \quad s = 1 \quad m_s = 1$$

Irred. Representation :  $\Gamma_{4,3}$

$$E_{244} = \frac{1}{2}(J - 4t + 4U + 52W)$$

$$\begin{aligned} |\Psi_{244}\rangle &= |6, 1, 1, \Gamma_{4,3}\rangle \\ &= \frac{1}{2}(|22uu\rangle - |2uu2\rangle + |u22u\rangle + |uu22\rangle) \end{aligned}$$