

## 14<sup>th</sup> Eigenvector

$$N_e = 2 \quad s = 1 \quad m_s = -1$$

Irred. Representation :  $\Gamma_{5,2}$

$$E_{14} = \frac{1}{2}(J - 4t + 4W)$$

$$\begin{aligned} |\Psi_{14}\rangle &= |2, 1, -1, \Gamma_{5,2}\rangle \\ &= \frac{1}{2}(|0d0d\rangle - |0dd0\rangle - |d00d\rangle + |d0d0\rangle) \end{aligned}$$