

## 23<sup>rd</sup> Eigenvector

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

Irred. Representation :  $\Gamma_2$

$$E_{23} = \frac{3}{2}(J + 2W)$$

$$\begin{aligned} |\Psi_{23}\rangle &= |3, \frac{3}{2}, -\frac{3}{2}, \Gamma_2\rangle \\ &= 1(|ddd\rangle) \end{aligned}$$