26^{th} Eigenvector

$$\boldsymbol{N_e} \;=\; \mathbf{3} \qquad \boldsymbol{s = \frac{3}{2}} \qquad \boldsymbol{m_s = -\frac{1}{2}}$$

Irred. Representation : $\boldsymbol{\Gamma_2}$

$$E_{26} \;=\; \frac{1}{2}(J + 6W)$$

$$\begin{aligned} |\Psi_{26}\rangle \;&=\; |3, \frac{3}{2}, -\frac{1}{2}, \Gamma_2\rangle \\ &=\; \frac{1}{\sqrt{3}}\left(|ddu\rangle + |dud\rangle + |udd\rangle\right) \end{aligned}$$