Dynkin diagram

T Group: D 次海建 / · 放				
	-0	3 C.	1 4 W	4 w2
	9	1	1	1
E	1	1	W	W *
E3	1	1	W*	W
	\$3	-1	0	0

12=1°+1°+1°+3°介料证明表提Class 80(3) irneducible representation

$$\chi^{\ell}(0) = \frac{1}{2} \times \ell, m \mid \mathcal{D}(0) \mid \ell, m \rangle$$

$$= \frac{sm \frac{d+1}{2}(\ell+1) \alpha}{sin \frac{5}{2}\pi} = -1$$

$$\chi^{\ell}(0) = \frac{sin(\frac{5}{2}\pi)}{sin(\frac{7}{2})} = \frac{sin(\frac{5}{2}\pi)}{sin(\frac{7}{2})} = \frac{sin(\frac{5}{2}\pi)}{sin(\frac{7}{2}\pi)}$$

$$\chi^{\ell}(\frac{7}{3}) = \frac{sin(\frac{7}{2}\pi)}{sin(\frac{7}{2}\pi)} = -1$$

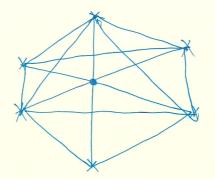
$$\chi(\frac{2\pi}{3}) = \frac{sin(\frac{5}{2}\pi)}{sin(\frac{7}{2}\pi)} = \frac{sin(\frac{5}{2}\pi)}{sin(\frac{7}{2}\pi)}$$

$$\chi(G) = 5 - 1 - 1 - 1$$

Dd=1 = E & E' & T => 5 = 1+1-13

由于复表示: 巨和区分别,是简单的

① 盎羊也可外的效:



丁群是〇群一个

正批子君羊

如果是d新遊,那么哪一定公首 8+2 Molecular Crystal field splitting 刘绅