

HW2
1. 元方金刷石 Bravis 格子原胞 一元多多12 Braws J.M.
7211
16-1-0
BAK.
每一个时点代表一个飞给关 Ri
Brains 格子: 工格等 Ri= hai+ lai+ lai+ lai * 表示 满于是可中心
30次十四年,代子
B知: 首中一个是主播交,另外一个是原子(服品为了BDE)
/k =4
(±) (+)
Wigner-Seite Tom.
7 1.16th. 43
Y .
2. \$ 2 1 2 1
1.3 书记供加方为之间格3为南心方方,及为京然
Pf: bf13/163312/18830137. Yild-185. (fcp € ccp)
$ \vec{a_i} = \frac{2}{2}(\vec{i} + \vec{j} + \vec{k})$ $ \vec{a_i} = \frac{2}{2}(\vec{i} + \vec{j} + \vec{k})$ $ \vec{a_i} = \frac{2}{2}(\vec{i} + \vec{j} + \vec{k})$
$\left \begin{array}{c} \overrightarrow{a_3} = \underbrace{a_1} \left(-\overrightarrow{i} + \overrightarrow{j} - \overrightarrow{k} \right) \right. \\ \left \overrightarrow{a_3} \right. = \underbrace{a_1} \left(-\overrightarrow{i} - \overrightarrow{j} + \overrightarrow{k} \right). \end{array}\right $
(A) - = (-1-) + F).



$$\frac{3}{4} \sum_{i=1}^{4} \frac{1}{\sqrt{2}} \left(\vec{a}_{1} \times \vec{a}_{2} \right) = \frac{1}{\sqrt{2}} \sum_{i=1}^{4} \left(\vec{a}_{1} \times \vec{a}_{2} \right) = \frac{1}{\sqrt{2}} \left(\vec{a}_{1} \times \vec{a}_{2} \right) \times \left(-\vec{b}_{1} + \vec{k} \right)$$

$$= \frac{1}{\sqrt{2}} \left(\vec{k} + \vec{j} + \vec{k} + \vec{i} + \vec{j} - \vec{i} \right) = \frac{1}{\sqrt{2}} \left(\vec{j} + \vec{k} \right)$$

$$\vec{b}_{2} = \frac{1}{\sqrt{2}} \left(\vec{k} + \vec{j} + \vec{k} - \vec{i} + \vec{j} - \vec{i} \right) = \frac{1}{\sqrt{2}} \left(\vec{i}_{2} \times \vec{a}_{3} \right) \times \left(\vec{a}_{1} \times \vec{a}_{2} \right) \times \left(\vec{k} \times \vec{i}_{2} \right)$$

$$\frac{1}{\sqrt{2}} \sum_{i=1}^{4} \vec{b}_{1} \cdot \left(\vec{b}_{2} \times \vec{b}_{3} \right) = \frac{2}{\sqrt{2}} \sum_{i=1}^{4} \left(\vec{a}_{2} \times \vec{a}_{3} \right) \cdot \left((\vec{a}_{2} \times \vec{a}_{3}) \times (\vec{a}_{1} \times \vec{a}_{2}) \right) \left(\vec{a}_{1} \times \vec{a}_{2} \right) \times \left(\vec{a}_{1} \times \vec{a$$



 はかえる(100)	(110):	(111):	
† - (i) - (ii)	⊕-*-⊕ +	Q-4-Q 0-4Q	
 面心飞之(100)	(110)	(111).	
 \$ 0 \$ 0	0-0-0	Q 0	
 0	9 - ()		
Facilities .			