$$\frac{5.4}{}$$
 (SE)

$$A^{-1} = A_{\star}^{\dagger} / \det A$$

$$|S| = |S| = |S|$$

$$A_{k} = \begin{pmatrix} A_{00} & A_{01} & A_{02} & A_{03} \\ A_{10} & & & \\ A_{$$

$$A_{1k} = (-1)^{k+1} \cdot M_{k}^{i}$$

$$A_{00} = 1.$$
 $\begin{vmatrix} 5 & 0 & 0 \\ 0 & 5 & 0 \\ 0 & 0 & 5 \end{vmatrix} = 5^4 = 6$

$$A_{01} = -1 \begin{vmatrix} 0 & 0 & 0 & 0 \\ 0 & 5 & 0 & 0 \\ 0 & 5 & 5 & 0 \\ 0 & 0 & 5 & 0 \\ 0 & 0 & 0 & 5 \end{vmatrix} = 0 = A_{02,03,04} = A_{10,13,14,12} A_{20,21,24,24} = A_{30,31,32,34}$$





$$\frac{S.2}{A} = \begin{pmatrix} 1 & 2 & 3 \\ 4 & 0 & 6 \\ 7 & 8 & 8 \end{pmatrix}, \quad \text{Jod A ?}$$

$$\frac{J}{J} = \frac{J}{J} = \frac{J}{J}$$

une bre memeron reaspresson fabris, le 7.0.

5.4.
$$\vec{a} = (1,5)$$
 $\vec{b} = (2,8)$. Haster $\vec{c} = \vec{a} \cdot \vec{b}$
 $c = a \cdot b \cdot \cos \vec{d} = a_{x} \cdot b_{x} + a_{y} \cdot b_{y} = 1.2 + 5.8 = 42$

5.5 $\vec{a} = (1,5,0)$
 $\vec{b} = (2,8,7)$
 $\vec{c} = (7,15,3)$ Haster $(7 \times 6) \cdot \vec{c}$

$$J \cdot Z = \int_{x} c_{x} + \int_{y} c_{y} + \int_{z} c_{z} = 35.7 - 7.1,5 - 2.3 =$$

= 245 - 10,5 - 6 = 228,5