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0 & 1$$

$$A \xrightarrow{A^*} A^*$$

$$A^* = |A| \cdot A^*$$

$$A = |A| \cdot A^*$$

$$A = |A| \cdot A^*$$

$$A = |A| \cdot A^*$$

$$A^* = |A| A^{-1}$$

$$A^* = |A| A^{-1}$$

$$A^* = |A| A^{-1}$$

$$A^* = |C^* |C^*|$$

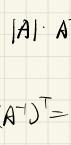
$$A^* = |C^* |C^*|$$

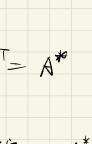
$$A^* = |C^* |C^*|$$

 $\Rightarrow A = \begin{bmatrix} 1 & -1 & +1 \\ -1 & 2 & -t \\ -1 & -1 & 2 \end{bmatrix} \Rightarrow$

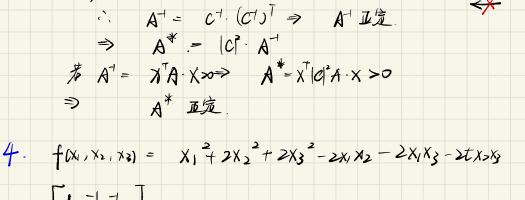
te (2,0)

31+ 72 - 276 - Z4









$$A^* = [A \mid A^-]$$
 $A^* = [A \mid A^-]$
 $A = C^TC$
 A

 $|A| = \begin{vmatrix} 2 & -t \\ -t & 2 \end{vmatrix} + \begin{vmatrix} -1 & -t \\ -1 & 2 \end{vmatrix} - \begin{vmatrix} -1 & 2 \\ -1 & -t \end{vmatrix}$

 $= (4-t^2) + (-2-t) - (t+2)$

 $= -t^2 2t > 0 = (-t)(t+2) > 0$

$$C = \begin{pmatrix} A_{m \times m} & O \\ O & B_{m \times m} \end{pmatrix} \qquad \overrightarrow{A} \stackrel{\triangle}{D} \stackrel{\triangle}{L} \qquad \overrightarrow{B} \stackrel{\triangle}{Q} = E$$

$$\begin{pmatrix} P^{T} & O \\ O & Q^{T} \end{pmatrix} \begin{pmatrix} A & O \\ O & B \end{pmatrix} \begin{pmatrix} P & O \\ O & Q \end{pmatrix} = \begin{pmatrix} F_{m \times m} & O \\ O & F_{m \times m} \end{pmatrix}$$

$$\overrightarrow{A} \qquad \begin{pmatrix} P^{T} & O \\ O & Q^{T} \end{pmatrix} = \begin{pmatrix} P & O \\ O & Q \end{pmatrix} \stackrel{\top}{J} \Rightarrow \overrightarrow{P} \stackrel{\triangle}{D} \qquad \overrightarrow{D} \qquad \overrightarrow{D} \stackrel{\triangle}{D} \qquad \overrightarrow{D} \qquad \overrightarrow{D}$$