



$$(Q, +, \cdot) \quad \text{CATTPO?}$$

$$\frac{2}{3} \quad \text{INVERSO} \in \underbrace{3}_{2} \in \mathbb{Q}^{?}, 3_{1} \Rightarrow \mathbb{Q} \in \text{CATTPO}$$

$$(R, +, \cdot) \quad \text{CATTPO}, \quad (C, +, \cdot) \quad \text{CATTPO}$$

$$K \quad \text{CATTPO} \quad \mathbb{R}$$

$$C \quad \mathbb{R}$$

$$Q \quad \mathbb{R} \quad \mathbb{C}$$

$$Q \quad \mathbb{R} \quad$$

OPERAZIONE SOHMA TRA 2 MATRICI

A
$$(3\times4)$$
 +  $(3\times4)$  =  $(3\times4)$ 

ESETAD

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 $A = \begin{pmatrix} 1 & 0 & -1 & 2 \\ 3 & 2 & 0 & 0 \\ -1 & 1 & 0 \end{pmatrix}$ 

CALCOLARE A+B

 $A + B = \begin{pmatrix} 1 & 1 & -1 & 2 \\ 1 & 2 & 1 & 0 \end{pmatrix}$ 

PRODOTIO ESTERNO

PRESO UNO SCALARE REE REK DEVO CALCOLARE

$$A = \begin{pmatrix} -1 & 0 & 2 \\ 1 & 1 & 4 \end{pmatrix} \Rightarrow 2 \cdot A = \begin{pmatrix} -2 & 0 & 4 \\ 2 & 2 & 8 \end{pmatrix}$$

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