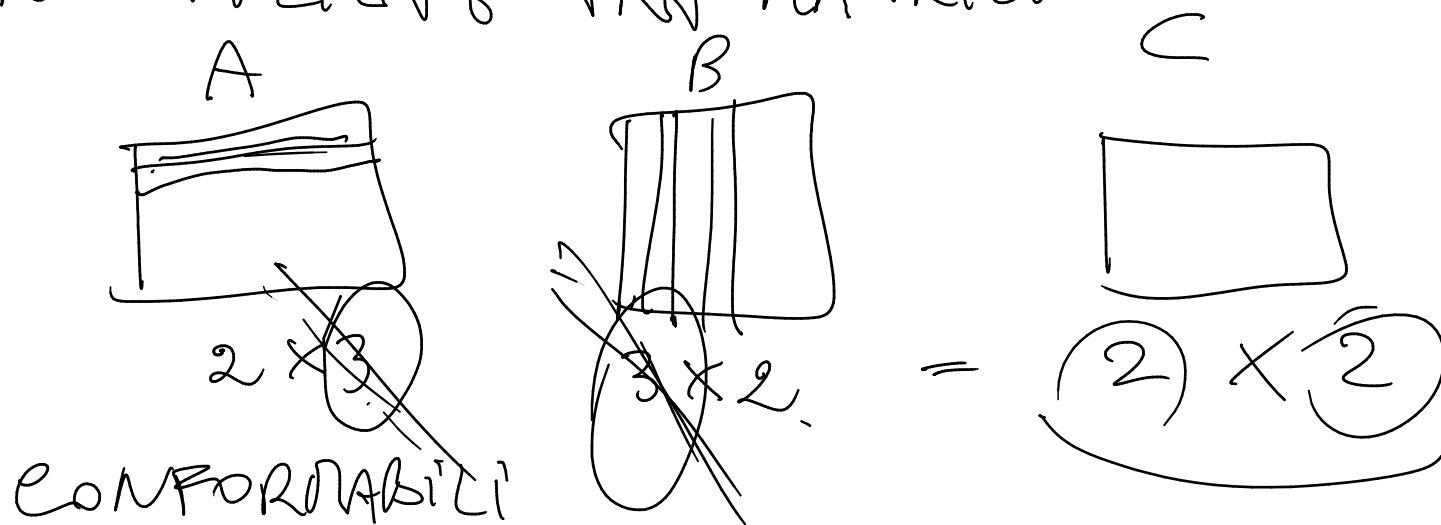


MOLTIPLICAZIONE TRA MATRICI:

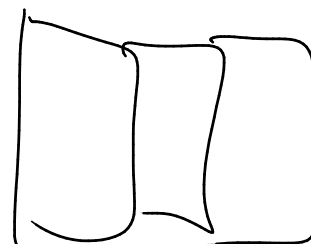
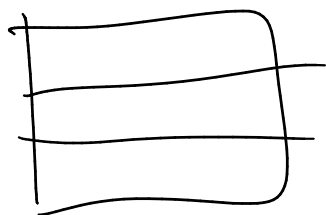


~~3 x 5~~ ~~5 x 1~~ = 3 x 1

MATR. PRODOTTO (NUM(A)); NUM(B))

TRASPOSTA DI MATRICE A:

$$A_{m \times n} \rightarrow A^T_{n \times m}$$
$$3 \times 2 \quad 2 \times 3$$



MATR. TRASPOSTA (noticia A)

MATRICE INVERSA =

$$A \rightarrow A^{-1}$$

MATR. INVERSA (MATRICE(A))

CTR + SHIFT + INVIO

Risoluzione sistema di equazioni:

$$[A] \cdot [X] = [b] \quad \begin{matrix} A & X & b \\ \begin{bmatrix} 2 & 3 & -3 \\ 1 & -1 & 0 \\ 3 & 0 & 1 \end{bmatrix} & \begin{bmatrix} x_1 \\ x_2 \\ x_3 \end{bmatrix} & \begin{bmatrix} 4 \\ 2 \\ 5 \end{bmatrix} \end{matrix}$$

$$\begin{cases} 2x_1 + 3x_2 - 3x_3 = 4 \\ x_1 - x_2 = 2 \\ 3x_1 + x_3 = 5 \end{cases}$$

$$X = A^{-1} \cdot b$$