· STAVISUMA AZ CEBNICA

MEZONI MARPICI (+ com mosiems)

M= colorne

$$M = (2i)$$
 $j=1...m$
 $j=1...m$
 $j=1...m$

$$\begin{pmatrix} 1/2 & 0 & -2 \\ 45 & -1/41 & 1 \end{pmatrix} \subset \mathbb{R}^{2\times 3}$$

$$\begin{pmatrix} 1 & 9 \\ \sqrt{1} & 1 \end{pmatrix} \in \mathbb{R}^2$$

CASI BANKOLANI SIMENSIONA

$$\begin{array}{cccc}
(COLONNA) & C & T & A & T \\
(COLONNA) & \vdots & & \\
(COLONN$$

$$\begin{cases} 7 + 7 = 2 \\ 1001 \times +1000 = 2001 \end{cases} \longrightarrow A = \begin{pmatrix} 1 & 1 \\ 1001 & 1000 \end{pmatrix}$$

$$b = \begin{pmatrix} 2 \\ 2001 \end{pmatrix} \qquad \neq = \begin{pmatrix} \times \\ y \end{pmatrix}$$

MATNIE TAIGHGIANE DUPETIONS

SE CHA TANIO E PANICOLANE SE HA SOICO O
IN QUESTA GLACOMALE:

 $\begin{pmatrix}
\frac{1}{2} & \frac$

MATRICE TALARCOLA-12 INFENIONS

MANNE GIA CONA VE

(O ICTENSIM,)
WHINGE (RENZICO

$$t_{m} = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix} \in \mathbb{R}^{m \times m}$$

$$\begin{pmatrix} 2 & 0 \\ 0 & 0 \end{pmatrix} = 5 \quad D = 0$$

$$X = \begin{pmatrix} 7 & 5 & 4 \\ 5 & 1 & 0 \end{pmatrix}$$

$$SIMMETNICA$$

$$\begin{pmatrix} 4 & 0 & -2 \end{pmatrix}$$

SOMMA 1

OPENAZIONI DI MOLTINICAZIONE PEN "SCALANE" & SINACIO (3)

PROCONTO (0 MOLTINICAZIONE) (3)

ESEM Pro

7=1 ... M

Esentio

$$X = \begin{pmatrix} 2 & 3 \\ -1 & 0 \end{pmatrix} \longrightarrow 3 \times - \begin{pmatrix} 6 & 9 \\ -3 & 0 \\ 18 & 12 \end{pmatrix}$$

$$= \angle (A^{\epsilon})$$

(A2506(4) NA)

marile mus

$$(a_1, \dots, a_m)$$
 (b_n)

ESEMPLO

$$(239)$$
 = -k +12 to =8

$$A = (air) \in \mathbb{R}^{m \times m}, B = (bir) \in \mathbb{R}^{m \times n}$$

$$R_{i}^{A} = (3i_{1} - 2i_{m}) \qquad c_{j}^{G} = \begin{pmatrix} 6i_{j} \\ 6m_{j} \end{pmatrix}$$

NIGA COLONA

$$= \mathbb{R} \mathbb{R} \cdot \mathbb{C} \longrightarrow \mathbb{R} = \mathbb{R} \times \mathbb{R}$$

$$A = \begin{pmatrix} 2 & 3 & 0 \\ -1 & 7 & 5 \end{pmatrix} \in \mathbb{R}$$

$$2 \times 3 \\ \in \mathbb{R}$$

$$3 \times 2$$

$$5 = \begin{pmatrix} -2 & 1 \\ 4 & 0 \\ 5 & -3 \end{pmatrix} \in \mathbb{R}$$

$$= y \land B = (3) \land A \land B = (239) \begin{pmatrix} -2 \\ 4 \end{pmatrix} = -4+12+0$$

$$= (239) \begin{pmatrix} 4 \\ 5 \end{pmatrix} = 8$$

$$= (239) \begin{pmatrix} 1 \\ 9 \\ -3 \end{pmatrix} = 2+0+0$$

$$\left(\begin{array}{c} A & C & C \\ 2 & 1 \end{array} - \left(\begin{array}{c} -1 & 7 & 5 \end{array}\right) \left(\begin{array}{c} -2 \\ 4 \\ 5 \end{array}\right) = 2 + 28 + 25 = 55$$

EZEMPIO

$$\beta A = \begin{pmatrix} -5 & 1 & 5 \\ 8 & 12 & 0 \\ 13 & -6 & -15 \end{pmatrix}$$

$$\nabla = \begin{pmatrix} 1 \\ -1 \\ 2 \end{pmatrix} \quad \nabla \cdot \nabla^{\xi} \cdot \nabla \cdot = 6$$

$$\nabla = \begin{pmatrix} 1 \\ -1 \\ 2 \end{pmatrix} \quad \nabla \cdot \nabla^{\xi} \cdot \nabla \cdot \nabla \cdot = \begin{pmatrix} 1 - 1 & 2 \\ -1 & 3 - 2 \\ 2 & -2 & 4 \end{pmatrix}$$

$$\nabla^{\xi} = \begin{pmatrix} 1 - 1 & 2 \\ 1 - 1 & 2 \end{pmatrix}$$

+BM2M2 + 7M3 M3