20/12

ESENCIAZIONE BEAME # 1

$$A = \begin{bmatrix} 7 & -7 & 7 \\ 1/4 & -1/2 & 7 \\ 0 & 0 & 1 \\ 1/4 & 1/2 & 1 \\ 1 & 7 & 1 \end{bmatrix}$$

$$Y = \begin{bmatrix} 7 & 4 \\ -74 \\ 4 \\ 7 \end{bmatrix}$$

L'ONDINE DENG COLONNE E'ANRITMANO

$$(A^{+}\gamma)^{\dagger} = \gamma^{7} (A^{T})^{\dagger}$$

(c)
$$M0607$$
: $C1(207) + C2(2) + C3(4) = (0) C1/C2/C3 = 1R$

C1 = C2 = (3 = 0] UNICO

$$\begin{array}{c}
C_1 \begin{pmatrix} 1 \\ 1/1 \\ 1/4 \end{pmatrix} + C_2 \begin{pmatrix} -1/2 \\ -1/2 \\ 1/2 \end{pmatrix} + C_3 \begin{pmatrix} \frac{7}{4} \\ -14 \\ -\frac{7}{7} \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 0 \\ 0 \end{pmatrix}$$

$$\begin{array}{c}
C_1 - C_2 \nmid 7 C_3 \leq 0 \\
1/4 C_1 - 1/2 C_2 + 4C_3 = 0 \\
0 - 1/4 C_1 + 1/2 C_2 - 4C_3 = 0 \\
0 - 1/4 C_1 + 1/2 C_2 - 4C_3 = 0 \\
0 - 1/4 C_1 + 1/2 C_2 - 4C_3 = 0
\end{array}$$

$$\begin{array}{c}
C_1 - C_2 \nmid 7 C_3 \leq 0 \\
0 - 1/4 C_1 - 1/2 C_2 + 4C_3 = 0 \\
0 - 1/4 C_1 + 1/2 C_2 - 4C_3 = 0
\end{array}$$

$$\begin{array}{c}
C_1 + C_2 \nmid 7 C_3 \leq 0 \\
0 - 1/4 C_1 + 1/2 C_2 - 4C_3 = 0
\end{array}$$

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C_1 + C_2 \nmid 7 C_3 \leq 0
\end{array}$$

$$\frac{100002: (402)}{2} = \frac{114 - 112 + 0}{114 - 112 + 0}$$

$$\frac{114 - 112 + 0}{2} = \frac{114 - 112 + 0}{2}$$

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< 21, √>:0 < 22, √ >:0

SIMULA ZIONE #2

$$\overline{y} = c1 \partial_1 + c2 \partial_2 / C_1 / C_2 \in \mathbb{R} \qquad \begin{pmatrix} c_1 \\ c_2 \end{pmatrix} \neq \begin{pmatrix} 1 \\ 0 \end{pmatrix}$$

$$\vec{y} = 2 + 3 \cdot 2$$

$$\begin{pmatrix} c_1 \\ c_2 \end{pmatrix} \neq \begin{pmatrix} 0 \\ -1 \end{pmatrix}$$

$$A^{T}A \neq \Xi A^{T}Y \qquad = \left(\begin{array}{c} 2 \\ \beta \\ \end{array}\right)$$

$$\begin{pmatrix}
77/8 & 0 & 5/2 \\
0 & 5/2 & 0
\end{pmatrix}
\begin{pmatrix}
2 \\
\beta \\
\gamma
\end{pmatrix}
=
\begin{pmatrix}
74 \\
-4 \\
0
\end{pmatrix}$$

$$\begin{cases}
12/82 + 5/27 = 74 \\
5/2 \beta = -4
\end{cases}$$

$$\begin{cases}
5/2 \beta = -4
\end{cases}$$

$$\begin{cases}
5/2 \lambda + 5 \lambda = 0
\end{cases}$$

$$\beta = -\frac{8}{5} \begin{cases} 17/8 2 + 5/2 7 = 14 \\ 5/2 7 + 58 = 0 \end{cases} \begin{cases} 17/8 2 + 5/2 (-1/2 2) = 14 \\ 7 = -1/2 2 \end{cases} = 1$$