Daniel cipiona 233228 atividade 3 MS211 C 7,5

(A) Organimas a matry ampliada da sistema cama:

A= 2-30':-7
Resolvenda stravés da MEG com
proatesmenta parcial:

$$L_{3} \rightarrow L_{3} - 2.5 L_{2}$$
 $L_{4} \rightarrow L_{3}$
 $A = \begin{bmatrix} 2 & -3 & 0 & | -4 \\ 0 & 3 & 5 & | & 24 \end{bmatrix}$
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 $Caluma = 3$
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Repulsanda a Dictionor!
$$5: \begin{cases} 2J_1 - 3J_2 = -4 \\ 3J_2 + 5J_3 = 24 \end{cases} \rightarrow J_2 = 24 - 5(3) = 2 \\ -19.5 J_3 = -49.5 \rightarrow J_3 = 3 \end{cases}$$

Partonta:
$$S = \int_{3z=2}^{1} i s^{2} ds$$

estretisques and completer de cominger (3)

$$A = G^{\dagger}G \rightarrow \begin{cases} 20 & 7 & 9 \\ 7 & 30 & 8 \\ 9 & 9 & 30 \end{cases} = \begin{cases} 911 & 902 & 913 \\ 912 & 922 & 0 \\ 913 & 923 & 933 \\ 90 & 933 \end{cases}$$

1ª columa:

Demas:

(7 = \(\text{V20} \)

(9 \text{V20} \)

(9 \text{V20} \)

(9 \text{V33} \)

(9 \text{V33} \)

(9 \text{V33} \)

(9 \text{V33} \)

$$\begin{cases} \frac{1}{30} = 1 \\ \frac{1}{100} & 920 \\ \frac{1}{30} = 1 \\ \frac{1}{100} & 920 \\ \frac{1}{9} & 920 \\ \frac{1}{100} & 920 \\ \frac{1}{100} & \frac{1}{100} & \frac{1}{100} \\ \frac{1}{100} & \frac{1}{100} & \frac{1}{100} & \frac{1}{100} \\ \frac{1}{100} & \frac{1}{100} & \frac{1}{100} & \frac{1}{100} & \frac{1}{100} \\ \frac{1}{100} & \frac{1}{100} & \frac{1}{100} & \frac{1}{100} & \frac{1}{100} & \frac{1}{100} \\ \frac{1}{100} & \frac{1}{100}$$

Cosom:
$$\sqrt{20}$$
 $\sqrt{120}$ $\sqrt{12$

Confus.

$$6^{t} \cdot \gamma = 0 \rightarrow \sqrt{\frac{551}{20}}$$
 $9/\sqrt{20}$
 $9/\sqrt{20}$

Resolvenda a sistema:

$$7_{1} = \frac{16}{120} = \frac{3}{14} = \frac{3}{15} + \frac{1}{14} = \frac{3}{16} + \frac{1}{16} = \frac{3}{16} =$$

Crown:
$$(551/20)$$
 $(551/20)$ $(5$

Obtumos a sistema

$$\sqrt{120} \times + 7/\sqrt{120} = 3.577709769969$$

 $\sqrt{150} \times + 7/\sqrt{120} = 3.577709769969969$
 $\sqrt{150} \times + 9/\sqrt{120} = 6.7472828465$
 $\sqrt{150} \times 960960969969$

Resolunda!

$$3 = \frac{5,00960964}{5,00960964} = 1$$

$$X = 3.577708764 - 9/1203 - 7/203 = 0$$