Mparmureence zaganea N5

5.1 Baganue Bennoh - 2mo raen

Beumop-Imo raemnous evegrais mampuyu 1x N v Nx1. Nobio pure mamepuan qua bearo pob, yyeuxi

особое висисии уминонсению 1.В.

Buruluite no leozuouenoeri ne nenouozgit nporfammipolanne: (5E)-1, rge Eeganurula mampunga fazurepone 5×5.

Peuseuse
$$\begin{cases}
1 & 0 & 0 & 0 \\
5 \times 0 & 1 & 0 & 0 \\
0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0
\end{cases} = \begin{cases}
6 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 \\
0 & 0 & 0 & 0 & 0
\end{cases}$$

3anument marpusy 5E, gonneab x need compable equivaryous mathusy. Mostrosyne ways 5E (50000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 100000 | 100000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 10000 | 100000 | 100000

Ombon: $(5E)^{-1} = \begin{pmatrix} 0.2 & 0 & 0 & 0 \\ 0 & 0.2 & 0 & 0 \\ 0 & 0 & 0.2 & 0 \\ 0 & 0 & 0.2 & 0.2 \end{pmatrix}$

Bonnerure aupequierent

1 2 3 4 0 6 4 8 9

Peruenne

$$\begin{vmatrix} 1 & 2 & 3 \\ 4 & 0 & 6 \end{vmatrix} = 1.0.9 + 2.6.7 + 4.8.3 - + 8 & 9 \end{vmatrix} - 3.0.7 - 4.2.9 - 1.6.8 = = 0 + 84 + 96 - 0 - 72 - 48 = 60$$

ambem: 60

5.3 Baquille

1. Baricalite manipulsy, offaringio

gamoi: (1 2 3)

4 0 6

7 8 9

Penseure

Anhegeeu neus geninoù mampuesa perben 60(>0) normoren vo pammas mampuesa egissecolegeo. Hañgein muno por

$$M_{H} = \begin{vmatrix} 2 & 6 \\ 8 & 9 \end{vmatrix} = -48 \qquad M_{12} = \begin{vmatrix} 4 & 6 \\ 7 & 9 \end{vmatrix} = -6 \qquad M_{13} = \begin{vmatrix} 4 & 0 \\ 7 & 8 \end{vmatrix} = 32$$

$$M_{24} = \begin{vmatrix} 2 & 3 \\ 8 & 9 \end{vmatrix} = -6 \qquad M_{22} = \begin{vmatrix} 1 & 3 \\ 7 & 9 \end{vmatrix} = -12 \qquad M_{23} = \begin{vmatrix} 1 & 2 \\ 7 & 8 \end{vmatrix} = -6$$

$$M_{34} = \begin{vmatrix} 2 & 3 \\ 9 & 6 \end{vmatrix} = 42 \qquad M_{32} = \begin{vmatrix} 1 & 3 \\ 4 & 6 \end{vmatrix} = -6 \qquad M_{33} = \begin{vmatrix} 1 & 2 \\ 4 & 0 \end{vmatrix} = -8$$

Mainger a aree of ancreence gonomencences: (3) $A_{11} = (-1)^{1+1} M_{11} = -48 \quad A_{12} = (-1)^{1+2} M_{12} = 6 \quad A_{13} = (-1)^{1+3} M_{13} = 32$ $A_{21} = (-1)^{2+1} M_{21} = 6 \quad A_{22} = (-1)^{2+2} M_{22} = -12 \quad A_{23} = (-1)^{2+3} M_{23} = 6$ $A_{31} = (-1)^{3+1} M_{31} = 12 \quad A_{32} = (-1)^{3+2} M_{32} = 6 \quad A_{33} = (-1)^{3+3} M_{33} = -8$

> Mampunga anredfourecour governmenen;

$$\begin{pmatrix} -48 & 6 & 32 \\ 6 & -12 & 6 \\ 12 & 6 & -8 \end{pmatrix} = C^*$$

=> Theucuonupobauncia ucuspuisa C*

$$C^{*T} = \begin{pmatrix} -48 & 6 & 12 \\ 6 & -12 & 6 \\ 32 & 6 & -8 \end{pmatrix}$$

Orber: Offannen manpuse

$$\frac{C \times T}{\text{det } A} = \begin{bmatrix} -\frac{4}{5} & \frac{1}{10} & \frac{1}{5} \\ \frac{1}{10} & -\frac{1}{5} & \frac{1}{10} \\ \frac{8}{15} & \frac{1}{10} & -\frac{2}{15} \end{bmatrix}$$

2. Phulegure nhanes marthaus 4x4,

5.4. Burucue encuen fuce nhouzbegene glogs bensopob: (1,5) u (2,8)

Penænce (1,5) * (2,8) = 1.2 + 5.8 = 2+40 = 42 Ombem: 42

5.5. 3aganice Burucuunce accenomoe npongbegenere mpex benro pob: (1,5,0), (2,8,7) a (7, 15,3)

Imbem 328.5