A-X = B Tipolepha 30 cross. No A^{-1} $\begin{vmatrix} 1 & -1 & 2 \\ 2 & 2 & -4 \end{vmatrix} = -4 + 12 + 4 - 12 - 4 + 4 = 0$ $\begin{vmatrix} 2 & 2 & -4 \\ 3 & 1 & -2 \end{vmatrix} = 7 A He e adjoanum$ A3x3 B= 3x4 => X3x4 $\begin{pmatrix}
4 & -1 & 2 \\
2 & 2 & -4
\end{pmatrix} \cdot \begin{pmatrix}
x_{11} & x_{12} & x_{13} & x_{14} \\
x_{21} & x_{22} & x_{23} & x_{24}
\end{pmatrix} = \begin{pmatrix}
-1 & -2 & 1 & 1 \\
-2 & 0 & 2 & -2 \\
-3 & -2 & 3 & -1
\end{pmatrix}$ $\begin{pmatrix}
x_{11} & x_{12} & x_{23} & x_{24} \\
x_{31} & x_{32} & x_{33} & x_{34}
\end{pmatrix} = \begin{pmatrix}
-3 & -2 & 3 & -1
\end{pmatrix}$ r_2 : $2x_{11} + 2x_{12} - 4x_{31} = -2$ r_2 : $2x_{21} = 9x_{31}$ r_3 : $3x_{11} + x_{21} + 2x_{33} = -3$ r_4 : $2x_{21} = 9x_{31}$ r_5 : r_6 : $r_$ ry+ro: 4x1,2 = -4 => x1,2=-1 $\frac{r_6: \quad x_{12} - x_{22} + 2x_{32} = -2}{r_5: \quad 2x_{12} + 2x_{22} - 9x_{32} = 0}$ 15: 2x22 = 4x32 +2 That x32 = 9 9 6 Q =7 X22 = 20+1 16: 3 x12 + x22 + 2x32 = -2 17+19: 4x13=4 X13=1 P7 X13 - 123 + 2x33 = 1 rg: 2x23 = 9x33 Trai x33 = t, t & Q => x23 = 2t 18 2×13 +2×23 -4×33= 2 rg 13x13 + X23 + 2x33 = 3 Mo / X19 - 124 + 2 x34 = 1 10+12: 4x14=0 ×14=0 ran 2x14 + 2x24 - 4x34 = -2 M1: 2 x24 = 4x34 -2 Tros x34 = 8, 56 Q 12/3×14 + x24 +2×34 = -1 => x29 = 25-1

-1 -7 -7 7 0 -1 20 28+1 2E 25-1