$$\frac{1}{30} = \frac{1}{5} = \frac{3}{5} = \frac{1}{1} = \frac{1}{3} = \frac{1}{2} = \frac{1}{15} + \frac{1}{2} + \frac{1}{30} = \frac{1}{15} = \frac{1}{2} + \frac{1}{20} = \frac{1}{15} = = \frac{1}$$

A33 = -18

$$H_{11} = 1$$
 $H_{12} = -1$
 $H_{22} = -2$

$$H_{12} = -1$$
 $H_{32} = -25$
 $H_{13} = -3$

$$= 5 \text{ A}^{4} = \begin{pmatrix} 1 & -1 & -5 \\ 9 & 10 & 11 \\ -13 & -25 & -18 \end{pmatrix}$$

$$A \cdot A^{-1} = E$$

$$\begin{pmatrix}
5 & 3 & 1 \\
1 & -3 & -2 \\
-5 & 2 & 1
\end{pmatrix}$$

$$\begin{pmatrix}
-1 & -3 \\
3 & 10 \\
-13 & -25 \\
-18
\end{pmatrix}$$

$$\frac{1}{19} = \begin{pmatrix}
1 & 0 & 0 \\
0 & 1 & 0 \\
0 & 0 & 1
\end{pmatrix}$$

$$=$$
 \pm , $2.7.9$.

=>
$$A \cdot X \cdot B = C$$

 $X = \frac{C}{AB} = > X = C \cdot (AB)^{-1} => X = C \cdot B^{1} \cdot A^{-1}$

Hange M B:

Jet B = 36 + 84 - 105 - 48 = 180 - 153 = 24

Jet B = 27 +0 -> marpinga helorpomgentiale.

B' =
$$\begin{pmatrix} -48 & 24 & -3 \\ -48 & 24 & -3 \\ -3 & 6 & -3 \end{pmatrix}$$

B' = $\begin{pmatrix} -48 & 24 & -3 \\ -3 & 6 & -3 \end{pmatrix}$

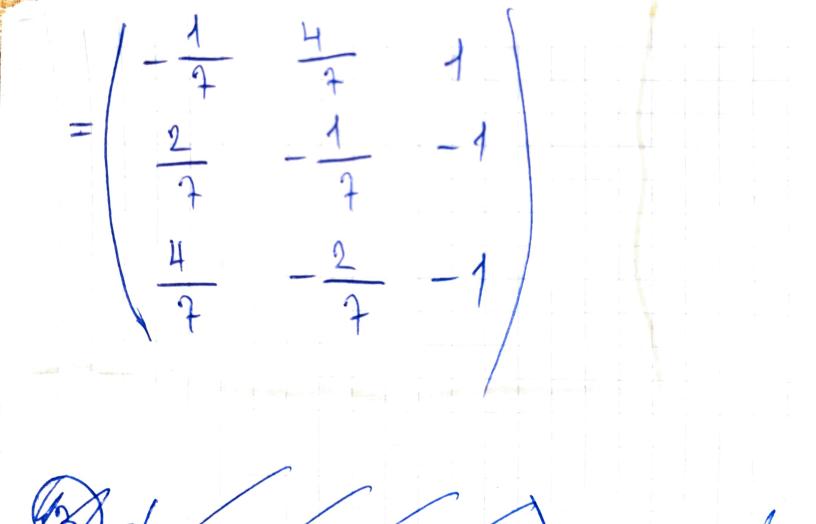
Hange M A:

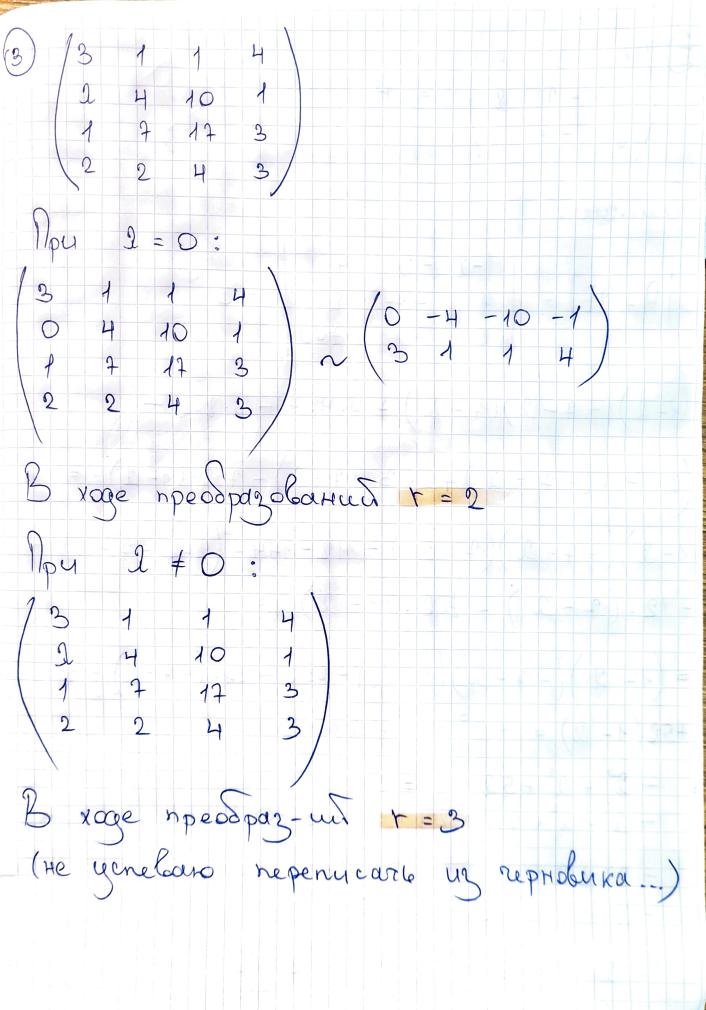
det A = $\begin{pmatrix} -8 + 2 & = 9 \\ -2 & 1 & -4 \\ -4 & 2 & 4 \end{pmatrix}$

det A = $\begin{pmatrix} -4 & +0 \\ -2 & 1 & 4 \\ -4 & 2 & 4 \end{pmatrix}$

Takum Ospasou:

 $X = \begin{pmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 0 \end{pmatrix} \cdot \begin{pmatrix} -48 & 24 & -3 \\ -2 & 1 & 4 \\ -4 & 2 & 4 \end{pmatrix} \cdot \begin{pmatrix} 1 & -4 & -4 \\ -2 & 1 & 4 \\ -3 & 6 & -3 \end{pmatrix} \cdot \begin{pmatrix} 1 & -4 & -4 \\ -2 & 1 & 4 \\ -4 & 2 & 4 \end{pmatrix}$
 $\frac{1}{27} \cdot \begin{pmatrix} -\frac{1}{2} \\ -\frac{1}{2} \end{pmatrix} = \frac{1}{2} \cdot \begin{pmatrix} -\frac{1}{2} \\ -\frac{1}{2} \\ -\frac{1}{2} \end{pmatrix} = \frac{1}{2} \cdot \begin{pmatrix} -\frac{1}{2} \\ -\frac{1}{$





Pemerine:

$$(1-2)(-7-2)(7-2)-4-4.7-3.8.6-$$

$$\frac{-(1-2)(-1-2)(1-2)-112-114-(24.(-1-2)-12.(1-2)-12.(1-2)-112-114-(24.(-1-2)-12.(1-2)-12.(1-2)-112-114-(24.(-1-2)-12.(1$$

$$= (1 - 2)(-7 - 2)(7 - 2) - 256 - 24 \cdot (-7 - 2) + 12 \cdot (72)$$

$$+56(1-2) = -2^3 + 2^2 + 52 + 3$$

$$-2^{3} + 2^{2} + 52 + 3 = 0$$

$$-2^{3} - 2^{2} + 22^{2} + 22 + 32 + 3 = 0$$

$$-2^{2} \cdot (2+1) + 22 \cdot (2+1) + 3 \cdot (2+1) = 0$$

$$-(2+1)(2^{2}-22-3) = 0$$

$$-2-1=0 2^2-22-3=0$$

$$2=-1 2+=-1$$

$$2 + = -1$$

$$2 = 3$$

$$= 5$$

$$2 = 3$$

To eeth,
$$\begin{bmatrix} 1_1 &= -1 \\ 1_2 &= 3 \end{bmatrix}$$
 - 'eoserlehhide Rucha
Teneph Hadige in coscilentide bektopa.
Doe $1_1 = -1$:
 $\begin{bmatrix} 2 & 1_1 &= -1 \\ 2 & 1_2 &= 3 \end{bmatrix}$
 $\begin{bmatrix} 2 & 1_1 &= -1 \\ 2 & 1_2 &= 3 \end{bmatrix}$
 $\begin{bmatrix} 2 & 1_1 &= -1 \\ 2 & 1_2 &= 3 \end{bmatrix}$
Orkyga $\begin{bmatrix} 1_1 &= -1 \\ 2 & 1_2 &= 3 \end{bmatrix}$
Orkyga $\begin{bmatrix} 1_1 &= -1 \\ 2 & 1_2 &= 3 \end{bmatrix}$
Other: $\begin{bmatrix} 1_1 &= -1 \\ 2 & 1_2 &= 3 \end{bmatrix}$
Other: $\begin{bmatrix} 1_1 &= -1 \\ 2 & 1_2 &= 3 \end{bmatrix}$

$$\frac{1}{\chi_2} = \begin{pmatrix} \frac{1}{2} + \\ \frac{1}{2} + \\ \frac{1}{2} \end{pmatrix}$$