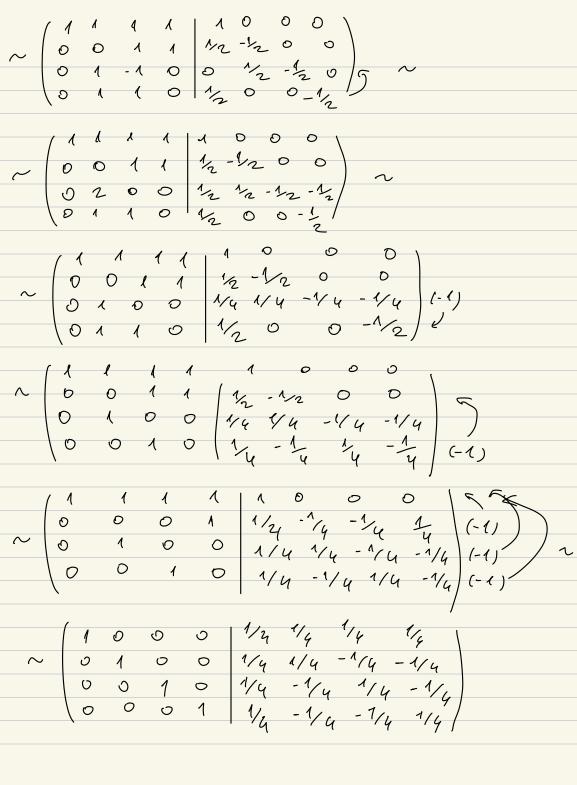
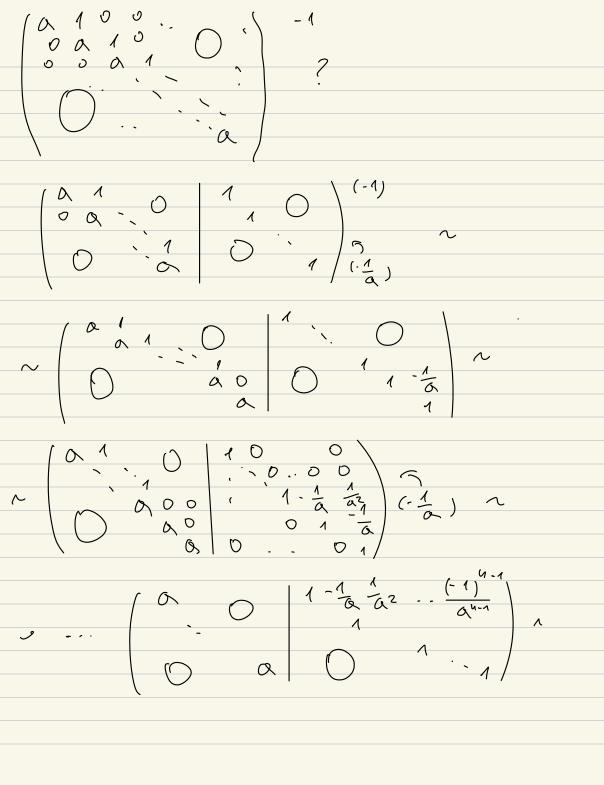
$\vec{A} = \begin{pmatrix} \alpha & \beta \\ c & d \end{pmatrix}^{-1} = \underbrace{\frac{1}{\det A}} \begin{pmatrix} d - \beta \\ -c & \alpha \end{pmatrix}$





=)
$$\begin{pmatrix} 1 & \frac{1}{2} & \frac{1}{$$

иоето ин дава системота: X1-X3+2×5-1 $x_2 - x_4 + 2x_6 = -1$ 4x3-7x5=-1 4 × 4 - 7 × 6 = 4 $0 \times_{1} + 0 \times_{2} + 0 \times_{5} = 0$ = C. Marg $0 \times_{1} + 0 \times_{3} + 0 \times_{5} = 0$ = Nu Ma $0 \times_{2} + 0 \times_{4} + 0 \times_{6} = 0$ pewerme 23160185 -1234012 (2)(3) 32-14012 N (0 7 7 | 14 0 42 | 1.7 -1 2 3 | 4 0 12 | 1.8 0 8 8 | 16 0 48 | 1.8

Pem:
$$(A - E) X = A$$

$$\begin{bmatrix}
-1 & 4 & -3 & 0 & 4 & -3 & 5 \\
1 & -5 & 5 & 1 & -4 & 5 & (1) & \sim \\
-1 & 3 & 0 & -1 & 3 & 0 & 2
\end{bmatrix}$$

2) L MAM
$$Y \rightarrow XB = Y$$

3) $(XB)^t = y^t \rightarrow Bt x^t = y^t$

3)
$$(XB)^{\circ} = 9^{\circ} \rightarrow B^{\circ} X^{\circ} = 9^{\circ}$$
41 uam X^{\dagger}

$$2-3+1+1976+120=1$$

$$\begin{pmatrix}
2 - 3 & 1 \\
9 & - 6 \\
1 & 1 & 2
\end{pmatrix} = \begin{pmatrix}
2 & 0 - 2 \\
18 & 12 & 9 \\
23 & 15 & 11
\end{pmatrix}$$

$$A \qquad B \qquad C$$

$$AY = C, TSPUN$$

$$\begin{pmatrix} 2 & -3 & 1 & 2 & 0 & -2 & (-2)(-3) \\ 4 & -5 & 2 & 18 & 12 & 9 & 2 & 0 \\ 5 & -7 & 3 & 23 & 15 & 11 \end{pmatrix}$$

$$\frac{1}{4} \times \begin{pmatrix} 1 & 1 & -1 \\ 2 & 1 & 0 \\ 1 & -1 & 1 \end{pmatrix} = \begin{pmatrix} 1 & -1 & 3 \\ 4 & 3 & 2 \\ 1 & -2 & 5 \end{pmatrix}$$

$$A = \begin{pmatrix} 1 & 4 & 2 \\ 1 & 5 & 6 \\ -1 & -2 & 1 \end{pmatrix}$$
 $B = \begin{pmatrix} -1 & 7 & -7 \\ 1 & 6 & 5 \\ 1 & 0 & -6 \end{pmatrix}$

$$C = \begin{pmatrix} 45 - 167 & 37 \\ 62 & -85 & -216 \\ -10 & 369 & -619 \end{pmatrix}$$

$$Y = XA = A + (-4) \times , we get o$$

$$A = \begin{pmatrix} -5 & 7 & -5 \\ -1 & 2 & -4 \\ -1 & 1 & -4 \end{pmatrix}$$

$$\begin{pmatrix}
1 & 1 & 1 & 1 & 1 & 1 & 1 \\
1 & 1 & 1 & 1 & 1 & 1 & 1 \\
1 & 1 & 2 & 1 & 1 & 1 & 1 \\
1 & 1 & 2 & 1 & 1 & 2 & 1 \\
1 & 1 & 2 & 1 & 1 & 2 & 1 & 1 \\
1 & 2 & 1 & 1 & 2 & 1 & 1 & 1 \\
1 & 2 & 1 & 1 & 2 & 1 & 1 & 1 \\
1 & 2 & 1 & 1 & 2 & 1 & 1 & 1 \\
1 & 2 & 1 & 1 & 2 & 1 & 1 & 1 & 1
\end{pmatrix}$$

$$\begin{pmatrix} -35 & 11 & -2 \\ -16 & 5 & -1 \end{pmatrix} = \begin{pmatrix} -6 & 1 & -3 \\ 2 & 0 & 2 \\ -1 & 0 & -1 \end{pmatrix}$$