1) Решчить методом Купмерс 2 4996 a) (x, -2xz=1 (3x1-4xz=7 (1-2/1) det A=2; det A1=10; det Az=4 X1=5; X2=2 o) 62×1-×2 + SX3 = 10 1x1+x2-3x3=-2 12x1+4x2+x3=1 C -1 S 10 1 1-3 -2 2 4 1 1 $\det A = \begin{vmatrix} 2 - 15 \\ 11 - 3 \end{vmatrix} = 2 \begin{vmatrix} 1 - 3 \\ 4 \end{vmatrix} + \begin{vmatrix} 1 - 3 \\ 2 \end{vmatrix} + 5 \begin{vmatrix} 11 \\ 21 \end{vmatrix} = 2 \begin{vmatrix} 1 - 3 \\ 24 \end{vmatrix} = 2 \begin{vmatrix} 1 - 3 \\ 4 \end{vmatrix} + 2 \begin{vmatrix} 1 - 3 \\ 24 \end{vmatrix} = 2 \begin{vmatrix} 1 - 3 \\ 24 \end{vmatrix} = 2 \begin{vmatrix} 1 - 3 \\ 4 \end{vmatrix} + 2 \begin{vmatrix} 1 - 3 \\ 24 \end{vmatrix} = 2 \begin{vmatrix} 1 - 3 \\$ = 26+7+10=43 = 26+7+10=43 $\begin{vmatrix} 10-15 \\ -2(-3) \end{vmatrix} = 10 \begin{vmatrix} 1-3 \\ 41 \end{vmatrix} + \begin{vmatrix} 1-3 \\ 1\end{vmatrix} +$ +5 | -21 | = 130 +1 -4 5 = 86 $Aet Az = \begin{vmatrix} 2 & 10 & 5 \\ 1 & -2 & -3 \\ 2 & 1 & 1 \end{vmatrix} = 2 \begin{vmatrix} -2 & -3 \\ 1 & 1 \end{vmatrix} - 10 \begin{vmatrix} 2 & 1 \\ 2 & 1 \end{vmatrix} = 2 \begin{vmatrix} -2 & -3 \\ 2 & 1 \end{vmatrix}$ det A3= 2-10 = 2 1-2 + 12-2 + 10 | 24 = 18+5 +20=43 X1=2; X2=-1; X3=1