npalicie kpamepa 5x + 2y + 2 = 16 $\begin{pmatrix} 1 & 1 & -2 \\ 2 & 3 & -7 \\ 5 & 2 & 1 \end{pmatrix} = \frac{\Delta x}{\text{JetA}} \quad \Delta x = \begin{pmatrix} 6 & 1 & -2 \\ 16 & 3 & -7 \\ 16 & 2 & 1 \end{pmatrix} = 6$ X= 6 = 33 Теореша Кронекера-Капеши penerna eers, ean rank A = rank A 3,206) 2x - 4 + 7 = -2 x + dy + 3= = -1 x-3y-27=3 $\begin{pmatrix} 2 - 1 & 1 & | -2 \\ 1 & 2 & 3 & | -1 \end{pmatrix}$ $\begin{pmatrix} 0 & 5 & 5 & | -8 \\ 0 & 5 & 5 & | -4 \end{pmatrix}$ \int permercum $\begin{pmatrix} 1 & -3 & -2 & | & 3 \end{pmatrix}$ Рундаминам спочема решений (РСР) 1) eau B-Enguebou crouders, to encrema ogropognou 3.238) x, -x2 +x3 -x4+x5-x2 =1 2x1 - 2x2 + 2x3 + x4 - x5 + x6=1 1 - 1 1 - 1 1 - 1 / 1) Nouce Pep 2 - 2 2 1 - 1 1 / 1) (1) -1 1 -1 1 -1 Desalue - chodogue - X2, X4 $\begin{cases} x_1 = x_2 - x_3 + x_4 - x_5 + x_6 \\ x_4 = x_5 - x_6 \end{cases} = \begin{cases} x_1 = x_2 - x_3 \\ x_4 = x_5 - x_6 \end{cases}$ $x_4 = x_5 - x_6 \mathcal{I}$ $t_0 = 1$, $t_3 = x_5 = x_6 = 0 \Rightarrow t = 1$ $t_4 = 0$

$$x_3=1$$
 $x_2=x_3=x_6=0$ $x_4=1$ $x_4=0$ $x_4=1$ $x_5=1$ $x_2=x_3=x_5=0$ $x_4=1$ $x_4=1$ $x_5=1$ $x_5=$