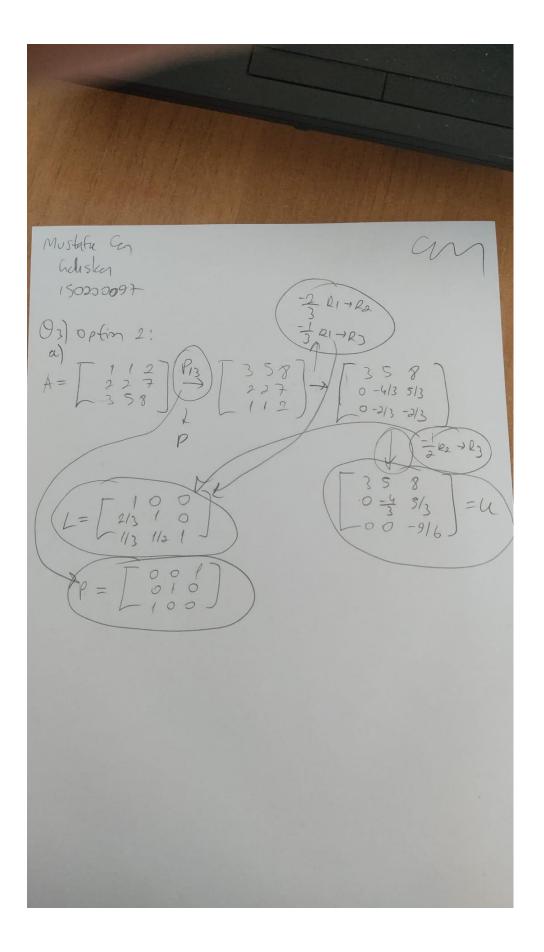
## Mustafa can çalışkan 150200097



## Mustafa Cen Cralisten 150200097 (93) option 2 b) PA = ZU $PJ = \begin{bmatrix} 8 \\ 5 \end{bmatrix}$ PAX = LUX $\begin{bmatrix} 1 & 0 & 0 \\ 213 & 1 & 0 \\ 113 & 112 & 1 \end{bmatrix} \begin{bmatrix} 311 \\ 921 \\ 931 \end{bmatrix} = \begin{bmatrix} 9 \\ 6 \\ 5 \end{bmatrix}$

Mustata Con Ciclistan (50)00097 (94) option 2: Min 5 (4-2)2  $\int_{1-1}^{4} (y-ax-b)^{2}$  $\frac{d\sum_{i=1}^{4}(y-\alpha x-b)^{2}-\sum_{i=1}^{4}x(y-\alpha x-b)=0}{da}$   $\frac{d\sum_{i=1}^{4}(y-\alpha x-b)^{2}-\sum_{i=1}^{4}x(y-\alpha x-b)=0}{(1-x)^{2}}$  $d = \frac{y}{(y-ax-5)^2} = -2\sum_{i=1}^{y} (y-ax-5) = 0$  $\frac{db}{(2)} = \frac{5}{5} y - ax - b = 0$ 

(confd)

## Mustofa Con Galisten 150000097 from O, Dxy = Dax2 + Sbx from @, Sy = Sax + Sb matix: $\begin{bmatrix} \sum x^2 & \sum x \\ \sum x & 4 \end{bmatrix} = \begin{bmatrix} \sum xy \\ \sum y \end{bmatrix}$ $\begin{bmatrix} 59 & 5 \\ 5 & 4 \end{bmatrix} \begin{bmatrix} a \\ 5 \end{bmatrix} = \begin{bmatrix} -21 \\ 59 \end{bmatrix}$