Machine leaving

Problem 1

$$\Theta = \begin{bmatrix} \Theta_o \\ \Theta_1 \end{bmatrix}$$

b)
$$O_{1SF} = (X^TX)^T Y^T Y = \begin{bmatrix} 4 & 7,721 \\ 7,721 & 14,919 \end{bmatrix} X^T Y$$

$$\Theta_{LSF} = \begin{bmatrix} 233,4 & -120,8 \\ -120,8 & 62,58 \end{bmatrix} \begin{bmatrix} 317 \\ 613,3 \end{bmatrix}$$





