This can be weithen as $11AO-611^2$ Where where

A is a moteria with dimensions (100-Mas) ×M

$$A = \begin{bmatrix} Z_{M} & Z_{M-1} & Z_{M-2} & Z_{2} & Z_{1} \\ Z_{M+1} & Z_{M} & Z_{M-1} & Z_{2} & Z_{2} \\ \vdots & \vdots & \vdots & \vdots & \vdots \\ Z_{qq} & Z_{qq} & Z_{qq} & Z_{qq-M+1} \end{bmatrix}$$

6 is a materisc with dimensions M×1

$$\Theta = \begin{bmatrix} 0 \\ 0_2 \\ 0_M \end{bmatrix}$$

=> In the motrisc A if we now across any diagonal from left to right value of a;; remains some.

Thus for the some (i-j) value aij some.

The dimensions of the material are (100 H) x M

Hence the stank (A)

min (100 - M, M)

Under the given constraints stank (A) can

never exceed 50.