

1 Step 1: write down Tu

Step 2: grab 1st (oth) row -> scaly week

Step 2: c -mth row -> wordet weeks.

2n x2m

$$T_{\alpha} x = \begin{bmatrix} s \\ d \end{bmatrix} \qquad \begin{bmatrix} u \\ v \end{bmatrix} x = \begin{bmatrix} ux \\ \overline{v}x \end{bmatrix}$$

$$s = ux$$

$$d = vx$$

U w/ rows shifted / down = U w/wows shifted 2 left $S_{m}U$ $S_{m}U$ $S_{m}U$ $S_{m}U$ = [Sm 6] (D, P, U stat) sylvan

buit out

f circulat thys = (P,P,Ushl) Sm 6) (Spl)

$$= (P, P, u_3 s H) \sum_{n=1}^{\infty} S_n^2$$

$$= (P, P, u_3 s H) \sum_{n=1}^{\infty} S_n^2$$