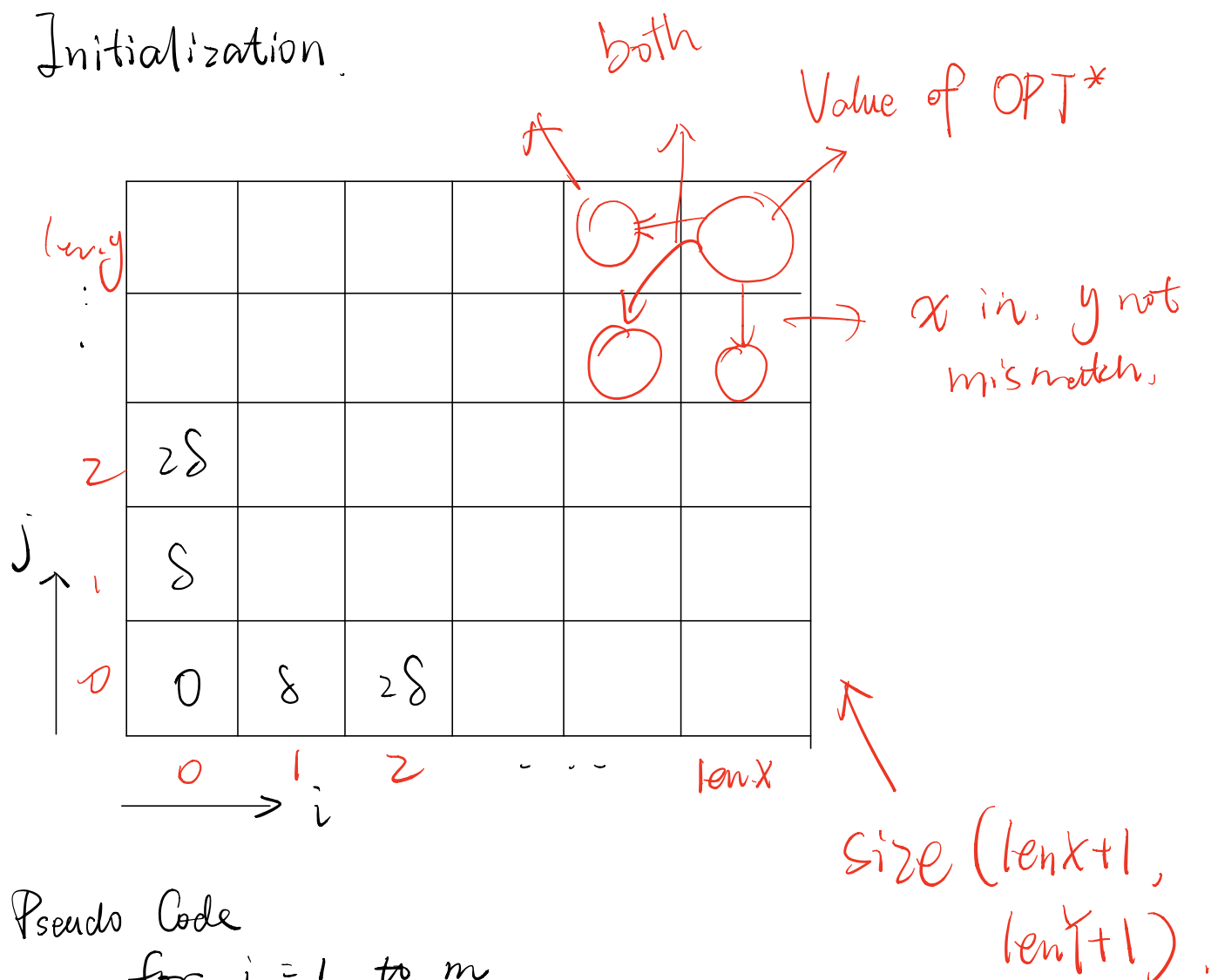


1. Define $OPT(i, j)$ as the min cost.

2. Recurrence Eq.:

$$OPT(i, j) = \min \left[\alpha_{x_i y_j} + OPT(i-1, j-1), \right. \\ \left. \delta + OPT(i-1, j), \right. \\ \left. \delta + OPT(i, j-1) \right]$$

3. Initialization.



4. Pseudo Code

for $i = 1$ to m

for $j = 1$ to n

run recurrence eq.

5. Memory Efficient (Divide & Conquer)

a) Steps :

① Split Input X (Sequence 1) into half & half X_L & X_R

② Do the same problem on X_L and Y .
and X_R^r and Y^r .

