09.09.2029 Input: Stone A: [1 -- n] IT (°1)) 6 B. S. -- m7 Flit Distance. $\begin{cases} ACI---i \\ BCI---i \end{cases}$ 1-0/j=0 = empty string.

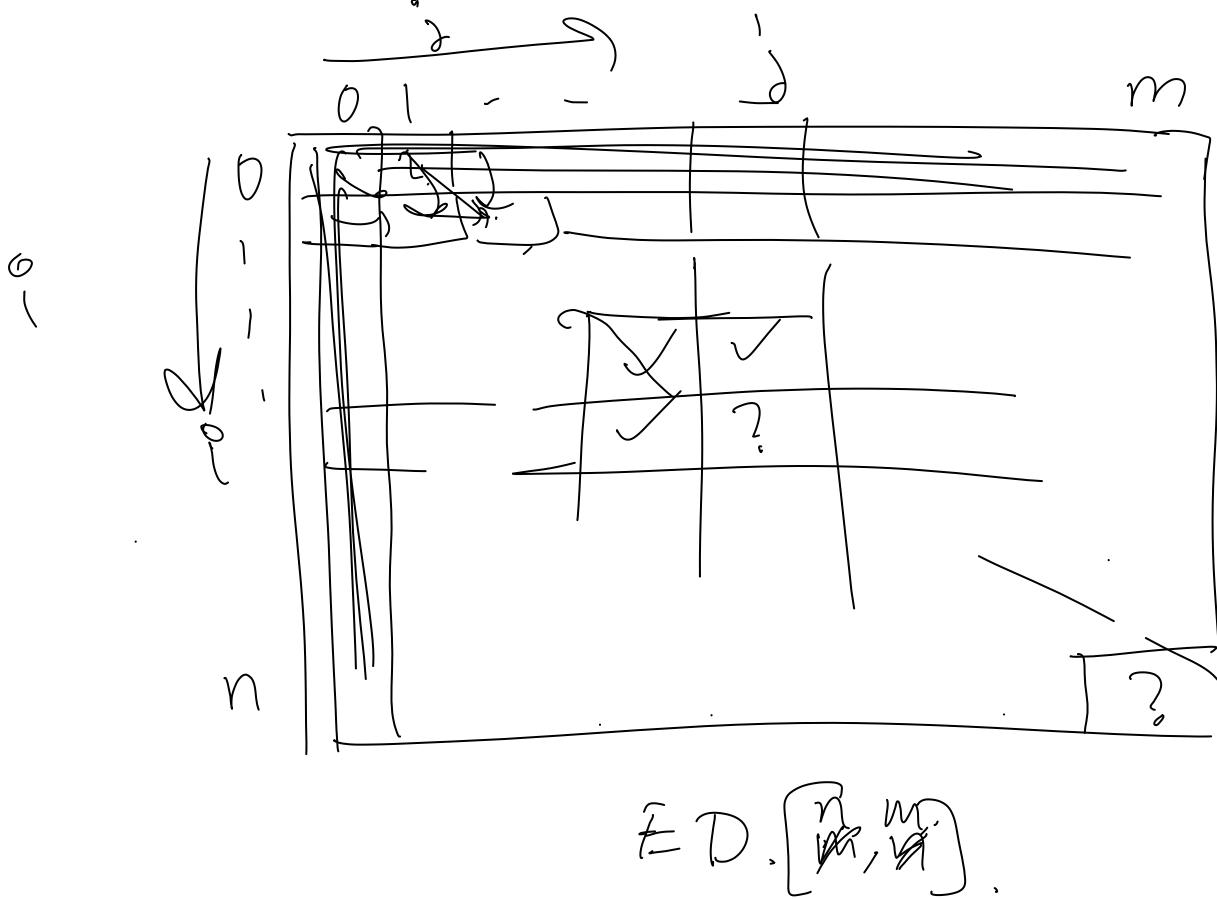
/

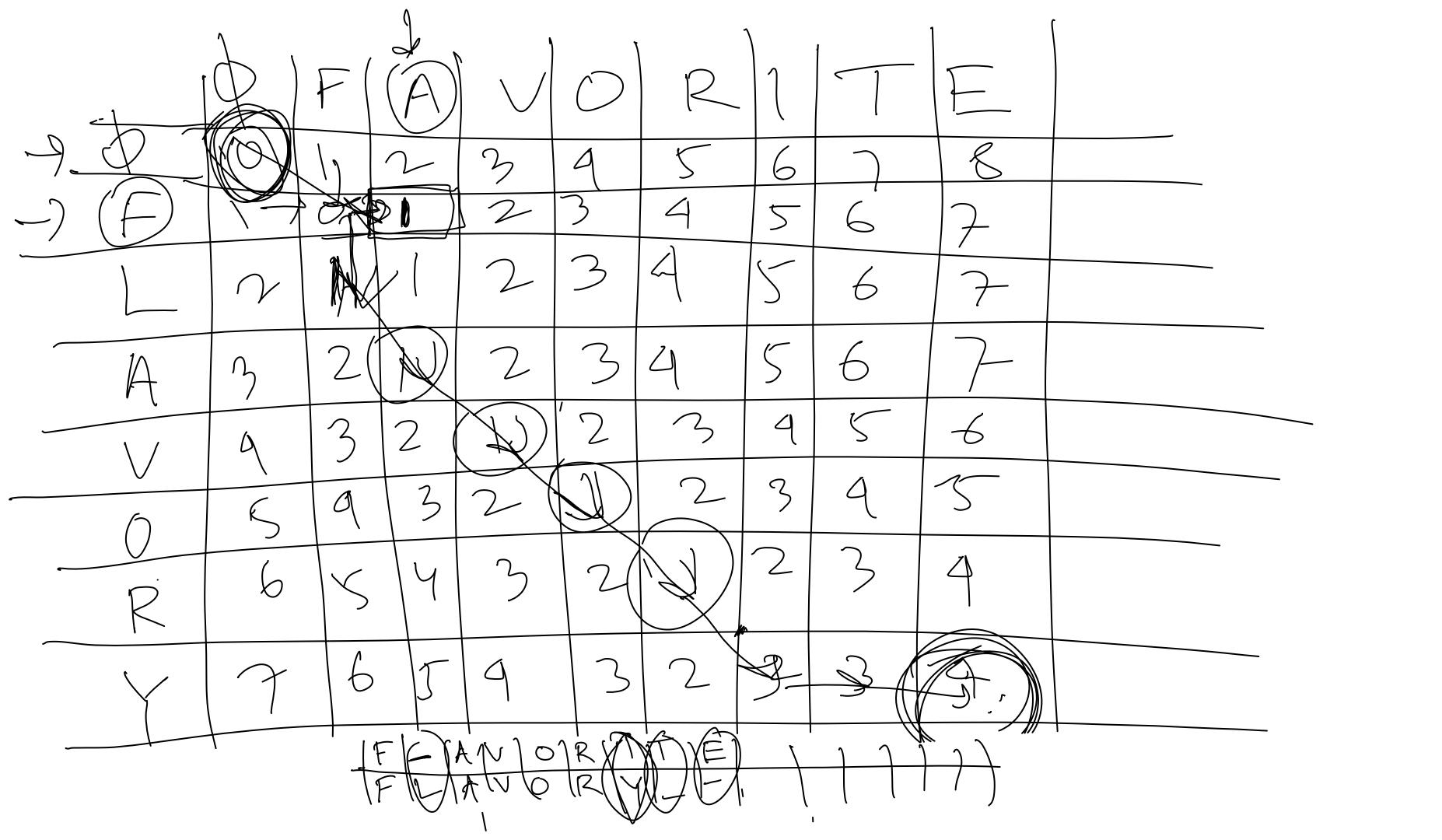
$$ED(i,j) = \frac{ED(i,j+1)+1}{ED(i,j+1)+O(i,j)}$$

$$= \frac{ED(i,j+1)+O(i,j)}{ED(i,j+1)+O(i,j)}$$

$$= \frac{ED(i,j+1)+O(i,j+1)+O(i,j+1)}{ED(i,j+1)+O(i,j+1)}$$

$$= \frac{ED(i$$





Rocadure Edit Dist.

(A, B), n, m) FDE compt // W = leigh (A), Bm = leigh (B) ED early table of size (n+1)x(m+1) for j=0 to (m+1)ED(O,1) $Gr i=0 \Leftrightarrow (N+1)$ ED(",0) (

 $\frac{ED(\hat{i},\hat{j})}{ED(\hat{i},\hat{j}-1)} = Min \int \frac{ED(\hat{i}-1,\hat{j})}{ED(\hat{i},\hat{j}-1)} + 1$ $\frac{ED(\hat{i},\hat{j}-1)}{ED(\hat{i}-1,\hat{j}-1)} + 1 \int \frac{AC\hat{i}}{AC\hat{i}} \frac{BG\hat{i}}{BG\hat{j}}$ $\frac{ED(\hat{i}-1,\hat{j}-1)}{ED(\hat{i}-1,\hat{j}-1)} + 1 \int \frac{AC\hat{i}}{AC\hat{i}} \frac{BG\hat{i}}{BG\hat{j}}$

Exercises Modefy the pseudocale 50 that
it also vehous an alignment.?

align—A, align—B (M+m) ephy many

Time Complexity

DP is always associated with DP Table Defining subproblems 15 extremely important.

Binary Search Tree roll mo, contact, CPI, transcript.

insent 7 Search.

Satal Army Insert

(Mal mus) Binary Search Tree

19,431,572,72,1042,2,3 Traci. Directel Shucfobled Node * Wode & Vight Kode

Opan Mell on myht.

Node. Jeff
- ryht
- per.

1092, 2,3 931, 572, 721 19, 1 lijhhd-Assmpty: - Keys orders between Key

2,3,19,72,431,572,1092.

Insert

Delete