LDit Distance sound level Abelling error wrrection substitute Juniform cost PART ordered ** nun

Edit dist = ?

Insertion Del Subs?

Cost of each of = 1

S d UT ON STITUTION 3 insertion 1 del Substitution

General weighted dit distance no. of insertion + cost of insertion no, of deletion * cost of deletion no. of substitution & cost of substitution of

(weighted) edit distance = >

Leventhein distance I

Sost of deletion = cost of ins whom = cost of substitution total

no. et aperations = Edit weighted Levenshei My n* C

Edit distance Levenshtein dit insertion: insertion deletion: 1 duction.

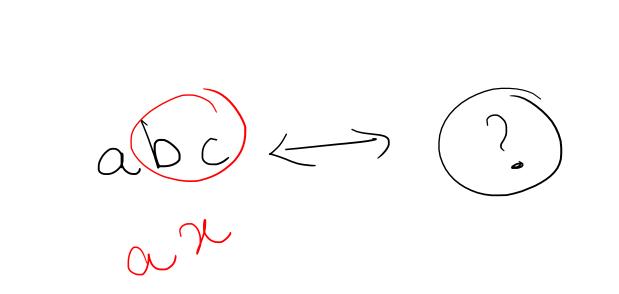
5 D(i-1, 1) + []

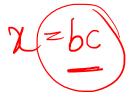
D (2/1) =

Variation of Edit Distance Tinsultion - Rubstitution metathesis y transpose $(xy) \stackrel{\tau}{\Longleftrightarrow} y$

 $J(ij) = \begin{cases} s_1[i-1] = = s_2[j] \\ and \\ s_1[i] = = s_2[j-1] \end{cases}$







Jel 51: GAOL w/o transposition, edit=) ii) with trans position, edit =?

10 Transperse some i) Adra GOLINGORI James serand o with A



with transposition

51: 9ADL 52: 9DAL

