1 Deforem tial Ambiguity - when it's undues.
what a word on phasase refres to. So-The old man and the yourng woment were sitting on the bench "- who is sitting with whom?,
on the bonds - who is silling with whom!
2) Two stoings and their alignment.
INTEXNTION
* & X & C V 1 1 0 N
the gap between intention and execution; 5
distance between this is 5
if substitution colors 2 (alternaes evension) destance between these is 8.
Societing for a Poth (sequence of cars) from the
stant to the final souny: innihal state: the word we are transforming.
operators: insert, debete, substitute.
Grood state: the word we are trying to get to parter (ost: what we want to minimize:
porter (887, W/W me active to mordinize.

del ing surest ntentin intention invention in + en tion - delete; nt ention = substitute n by e etention = substitute t lyn exemption - insentu execution (- substitute on ly Dynamix porogramin no A taleulaer compatalem of D(n; m) Solving problems by combiniong solutions to Sulpholston Bottom-up Compute D(i,j) for small i; j compute large D(i; j) based on previously computed smaller values. Compute D(i,j) for all i and j till get D(n, m) minimum edit destance between two sternes-

D(i,i) 2 mm (D[i-1,j]+1 D [], j-1]+1 D[i-1,j-1]+ \ 2; if source [i] \neq kogut; O; if source [] fundom min - EDIT - DISTANCE (target, source)
retions min - dustanne 2 tagget; n = LENGTH (tanget) m (- LENGITH (source) Create a distance mateur distance Inti, mfi Initalize the zoroth now and column to be the distance from the ompty string distance [0,0] 20 for each colum i from I ton do distance [i,0] (distance [i-1,0] + mg-raf (Farget [i]) for each var j from I form do distance [0,] - distance [0, j-1]t del-cost for each column j from 1 to n do for each enavj from 1 tom do distance [i,i] + m(N (distance [i-1,i] + iny-cost (too get; -i)),