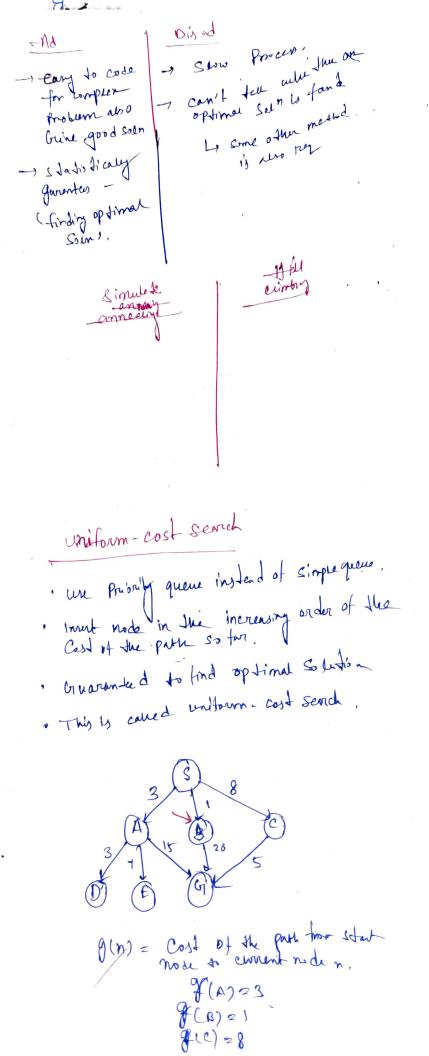
Bearn serial optimize Newsion of Best first search. . Hewistic Serach Algorithm. Explores a graph by appareding the most primising note in a limited set. prediturnined no of Tony Prediturnined on all Best Partial Solutions are Re du cus regubrement Kept as camdidates.] Beam (B) = predetermine no of best purlial solo value one kept as condidates A -> 4 = 40 B-> 4 = 32 C-101 = 25 D + G = 35 E - 10 = 19 F = 6 = H -> 67 = 57-14 - O Beam search Best flrust B=2]. > nothing good set not optimul

Hit elimbing algo (local search, great mested)	
2. Loop until a solution is found on there are no operators test.	
- Scient and apply now operation France to the new state if gone them and	
then it is now current.	
Problem in the climbing: bubbat manimum punt Both State is punt	
Local	
2) pto Plategu/ Flat numinum.	
Jayo gets same value 2012 ton Some time	
e) Ridge -	
Man successor the successor	

which feedback from test procedure is used to which they generates decide which dim to move in search amage mone in a single dineation It is like DFS gimmeted , checks all neighbors Annealing -> simulated amealing (SA)
culous downward stops if new state bellion thank en Is Annealing is Process in metallurgy where metals are slowly excled to make them treach a state of low 54242 nor state energy outer they are very strong.



(mousing value of g o Expand modely nodes hist 7507 2501 B1, A3,087 7 BIC A3,08, 01217 A 151 08, 61 [D6 C8, £10, 0118, 0121] 7 . De [C8) E10, 0118, 0121)) C8 (E10, G13, G18, G21) \$ E10 1 6113, 6118, 61217 = (0113) (11) cuzi) · Solution path found Sycoto cost \$ 13. . Number of nodes exponded (moundary gove node)=7?? Dopth Limited Search Ly In DPS there is a proplem called inthite Loop / path where it we start from a particular direction It can be a intimite path and solution must be in other direction to overcome this problem we can use depot the wind d. search. Working is similar to DES but with predeturnined limit. -) Help in solving the problem DFS (Intinite path Termination 7 (i) failleure value: There is no soln. (in Toutoff Fallure: Terminales on fueling forchildrenine depth . - Frederick

Advantages of memory efficient without. Observantage of can be Journine ted without.
(1) Not aprimar. Space 5 -10(5xd) Space 5
PATH) Spanting rode Level 1 Crown rod (Be2) Level 2 (Be2) Level 3 (Be2) Level 1 (PATH) Level 1 Level 1 (PATH) Level 1 Level
Uniformed Searching Uniformed Search

