

Soly (Cost) Y (en (Care) 2) Motoptimal: - Sol (Cost)> Time antendy! - O(V+E) O(bd) 6-brancing -2 Genel 4 Seaches d-depth -2

Genel 4 Seaches heed to find good) state / Bfs - (Breadth tirst Seanch) A Coxt B Coxt G - uninformed Search - informed - fifo (ouene) (Advance Known) A COST B NO KNEW TO THE COST G $\begin{array}{c} O & A \\ B & C & P \\ \hline B & C & P \\ \hline \end{array}$ $\begin{array}{c} A \\ A \\ \hline \end{array}$ $\begin{array}{c} A \\ A \\ \hline \end{array}$ $\begin{array}{c} A \\ C \\ \end{array}$ (Good Attain) Seach & BCD & DEF 9-9-97 - Shallowert Mode]
- level wise DEFGH Compute Search & FAHIJK A cq AHIJK

AHIJK

ALJKL

ACOST (Afford) Con

AIJKL

AIJKL

ACOST (Afford) Con

AIJKL

AIJKL

AIJKL

ACOST (Afford) Con

AIJKL

AIJKL

ACOST (Afford) Con

AIJKL

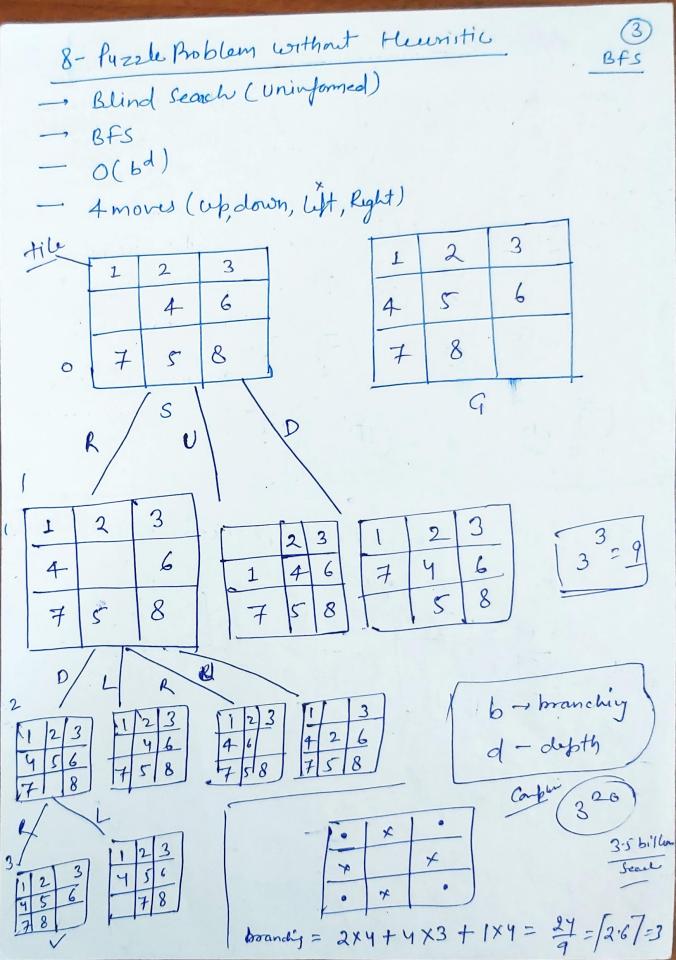
ACOST (Afford) Con

ACOST (Afford) AIJKL

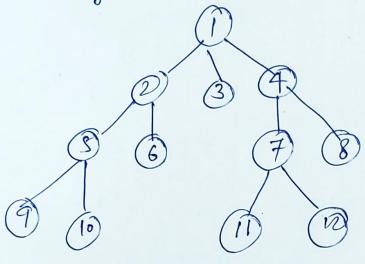
ACOST (Afford) AIJKL

ACOST (Afford) ACOST

ACOST (Afford) ACOST $S(9) \rightarrow b \rightarrow 3$ MA



1. Find DIS & BPS of the give Problem. Also State which is Optimal if equal anyths. are given as wort to each edge.



D. Solve The 8 Parele Broblem Usig Unitford Seavel strakegig! -

11 2 3 · 5 6	
2	