

BFS (Breadth First Search) Level by level 1 Unyformed 3 Shallowest FIFO Complete

DfS (Depth First Seare B) Uniformel LIFO Stack Deepest Mode Incomplete

UCS (Uniformed Cast search) Dijkastra's Algo Priority Queue 40 Node D Source Node = 0 >d(4,v) (du) + c(u, v) < d(v) $d(\omega) = d(\omega) + C(4, \omega)$

d(v) = d(u) + ((4, u))= 0 + 20 < 0 d(v) = 20

