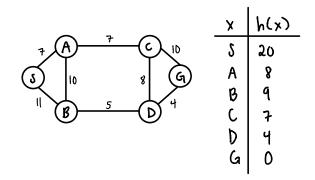
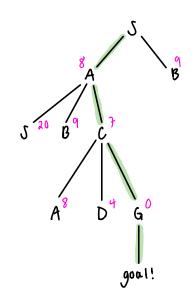
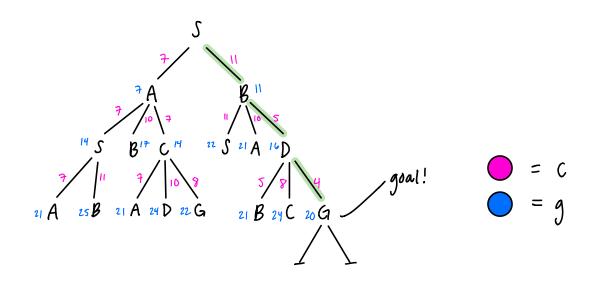
Jane Downer CS 480 - HW 1 9/23/2020



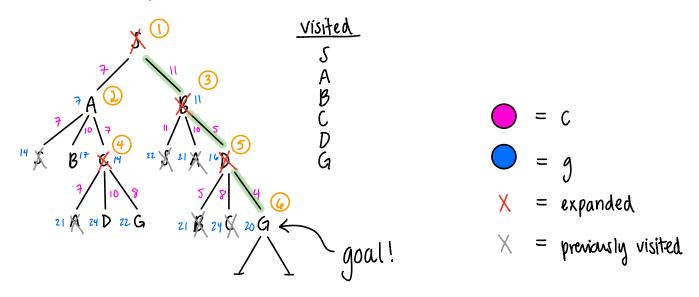
1. Greedy Binary FIRT Trec:
Georgand in order of h-values (choose smallest)



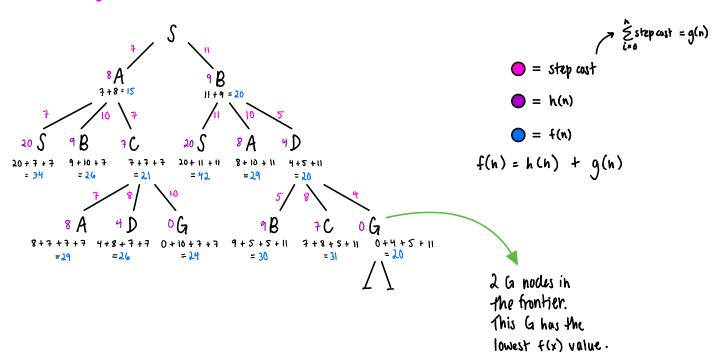
2. Uniform - Cust Tree Search
Cy expand path with smallest total cost



3. Uniform-Cost Graph Search



4. A* Tree Search

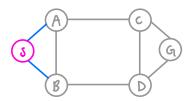


5. Admissable heuristic function

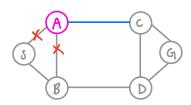
The number of edges between the given node (n) and G, such that, at each node along the way, the next step must have a rightward component.

Example: starting at S

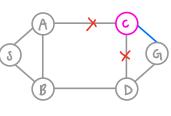
step 1: choose to move to either A or B.



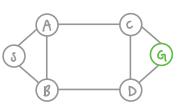
Step 2: only option is to move toward C.



step 3: only option is to move toward G.



goal reached!



.. h*(A) = 3

