

Greedy Search Algorithm (using h)

Important aspect

- Heuristic function $h(x) \approx h^*(x)$
- The order of the nodes in fringe **Smallest** $h(x)$
- Should the same state be generated?
 - Same as the EXPANDED states **NO (reached)**
 - Same as the states IN fringe **NO**
- When to report the goal?
 - When generated? **Yes**
 - When expanded?



Greedy Search

- Like DFS
- Extremely requires the design of h
- Optimal: No
- Completeness: No

