* The One Quene

=> All these Seanch algorithms are the same except for foringe Studiegies.

Lo Conceptuelly, all foringes are prisority quere

Collection of modes with others)

The state of the s

* Search Heunistics

⇒ A heusistic is a function that estimates how close a state is to a goal.

Desired for a perticular search problem.

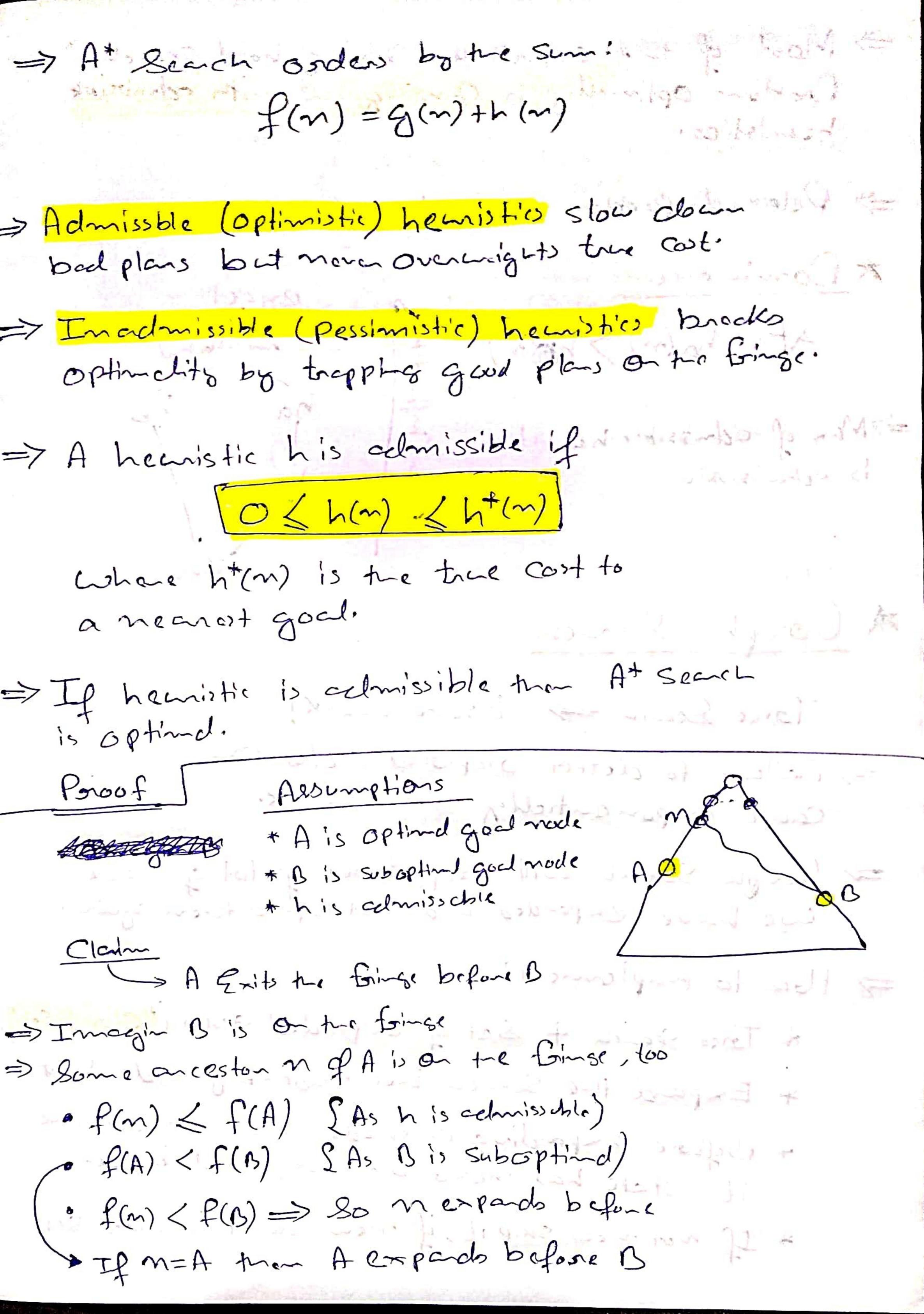
* Greedy Search

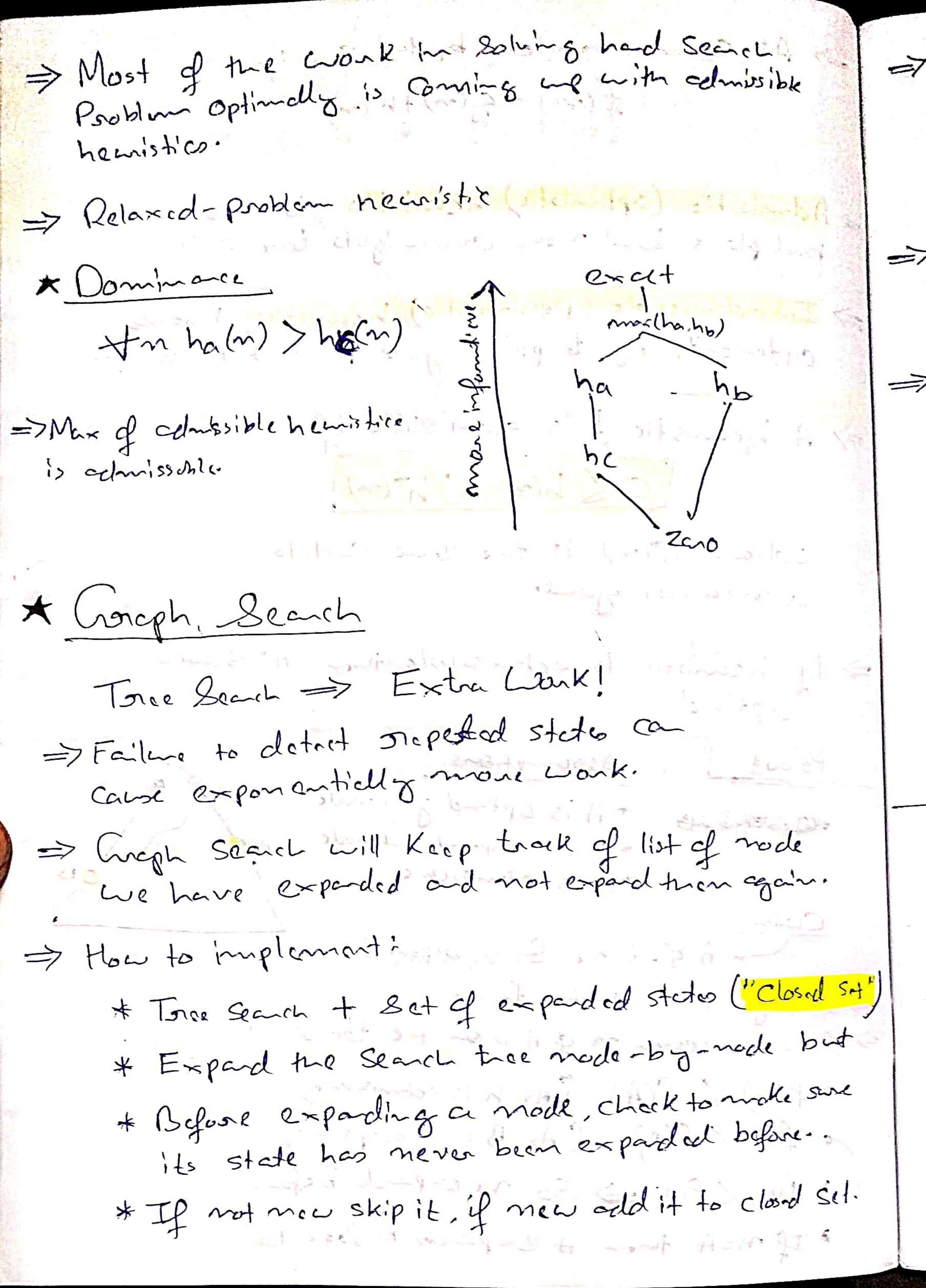
I pand the mode that looks closest.

> Woust case: like a bedly guided DFS.

* A* Search

Plat $g(n) \Rightarrow Path (cst)$ $h(n) \Rightarrow heuristic (cst) (distance of god)$





For a graph A* second to order optimal path, tiennistic med to be Consistent. > JA stronger condition then admissible?

neuristics => Consistent hemistic: h(A) - h(C) < (Ost (A to C)) => Consequence of Consistences: Is The findre dog a path mora docorosis h(A) < Cost(A toc) th(c) f(A)= g(A)+h(A) < g(A)+ Cost(A+1)+h(c) 12(A) < f(c)