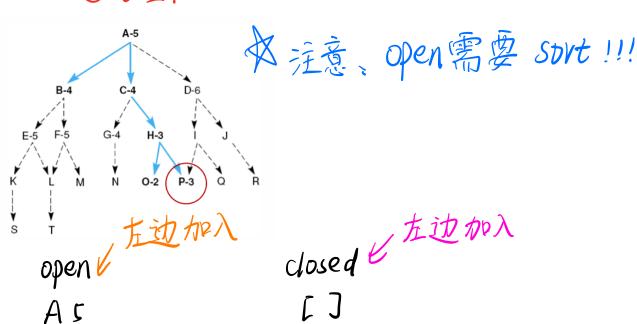


并程只选择当前最小的,而是与其它 m一起考量.



B4 C4 D6

C4 ES FS D6

H3 G4 ES FS D6

02 P3 H3 GKEI FIDG

P3 H3 G4 ES P5 D6

[]

AS

B4 AS

C4 B4 AI

H3 C4 B4 AS

02 H3 C4 B4 A5

Goal

fin) = gins + hin)

其中gin): path-ast function 可以理解为过去的值. h(n): heuristic function 可以理解为未来的值. 而 greedy Best first 中 gin)=0 即不看过去.

Example: (greedy) Best-First to Find a Path from Arad to Bucharest

h(n): evaluation function = estimate of cost from n to the closest goal $h_{SLD}(n)$ = straight-line distance from n to **Bucharest**

g(n)=0 $f(n) = h_{SLD}(n)$ Oradea Neamt 87 Zerind 🖪 Lasi Arad 140 99 Fagaras 🖿 Vaslui 118 Rimnicu 142 √ilcea Timisoara 98 Hirsova Ritestì Lugoj 111 Urziceni 146 70 86 101 Bucharest Mehadia 138 75 **Eforie** Dobreta Craiova

h(n) SLD from a to b				
Straight-line distance				
to Bucharest				
Arad	366			
Bucharest	0			
Craiova	160			
Dobreta	242			
Eforie	161			
Fagaras	176			
Giurgiu	77			
Hirsova	151			
Iasi	226			
Lugoj	244			
Mehadia	241			
Neamt	234			
Oradea 380				
Pitesti	100			
Rimnicu Vilcea 193				
Sibiu	253			
Timisoara	329			
Urziceni	80			
Vaslui	199			

374

Zerind

120	Giurgiu			
	Arad	366		
Zerind		>	Timisoar	a 329
374	Sibin	3		
		\ <u>\</u>	Rimnicu	193
Fagar	as 176		Rimnicu Vilcea	19)
u charact a				

相当于

open

Arad 366

Sibiu 253 Timisoara 329 Zerind 374

F176 R193 T329 Z374

B 0 R193 T329 Z374

Goal

closed

[]

Arad 366

Sibiu 253 Anad 366

F176 ~