

Uninformed Search Strategies



School of Electronic and Computer Engineering
Peking University

Wang Wenmin

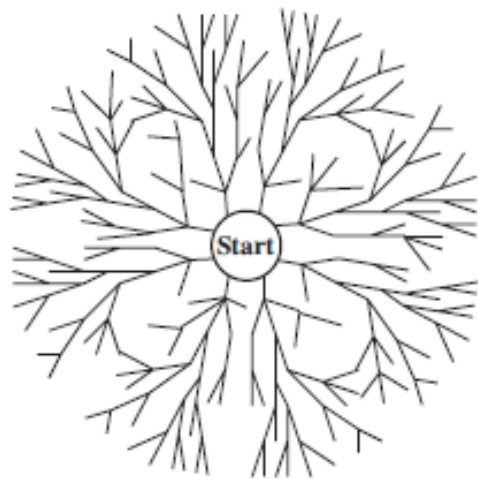
Bidirectional Search 双向搜索

- It runs two simultaneous searches: one **forward** from the *initial state*, and another **backward** from the *goal*. It stops when the two meet in the middle.

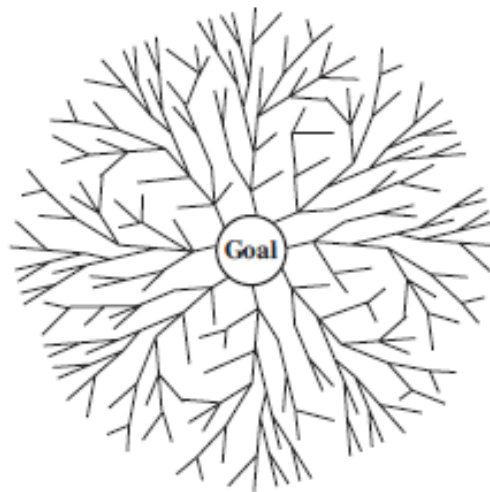
它同时进行两个搜索：一个是从初始状态向前搜索，而另一个则从目标向后搜索。当两者在中间相遇时停止。



forward tree



backward tree



- This method can be guided by a heuristic estimate of the remaining distance.
该方法可以通过一种剩余距离的启发式估计来导向。

Thank you for your attention!

