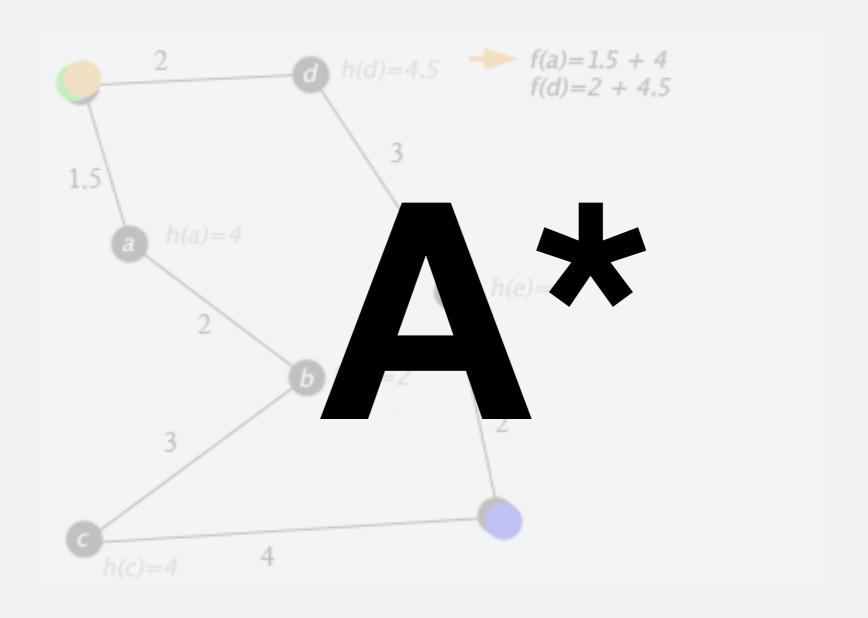
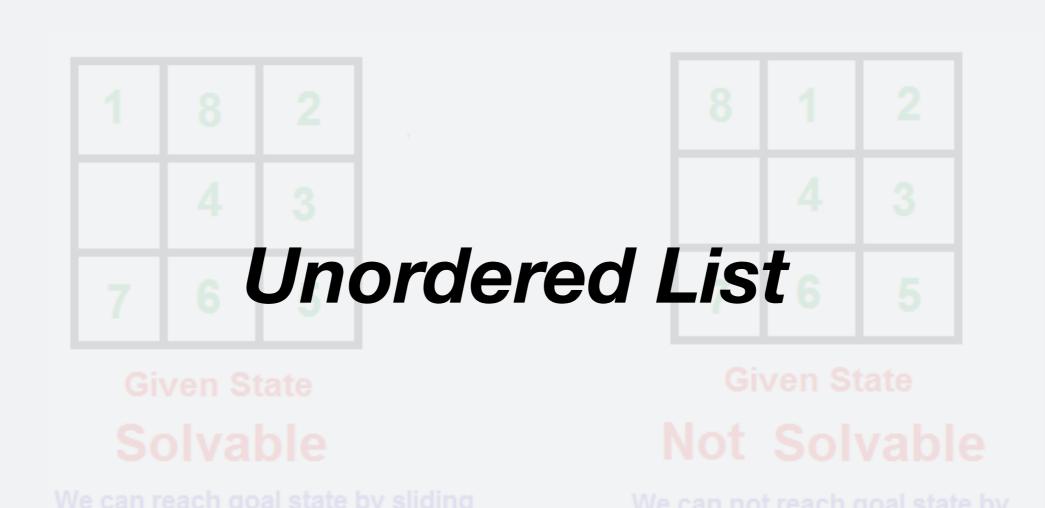
#### 14조 - 슬라이딩 퍼즐 알고리즘 발표

강민성 김현진 박수빈 안계환 최연웅 최희재

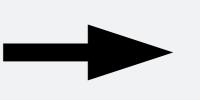


#### Solvable / Unsolvable

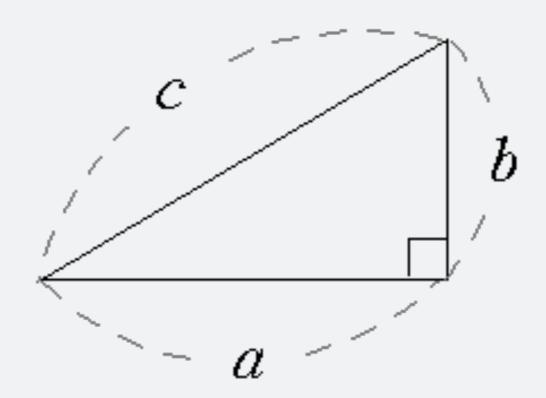


$$f(x) = g(x) + h(x)$$

#### Heuristic



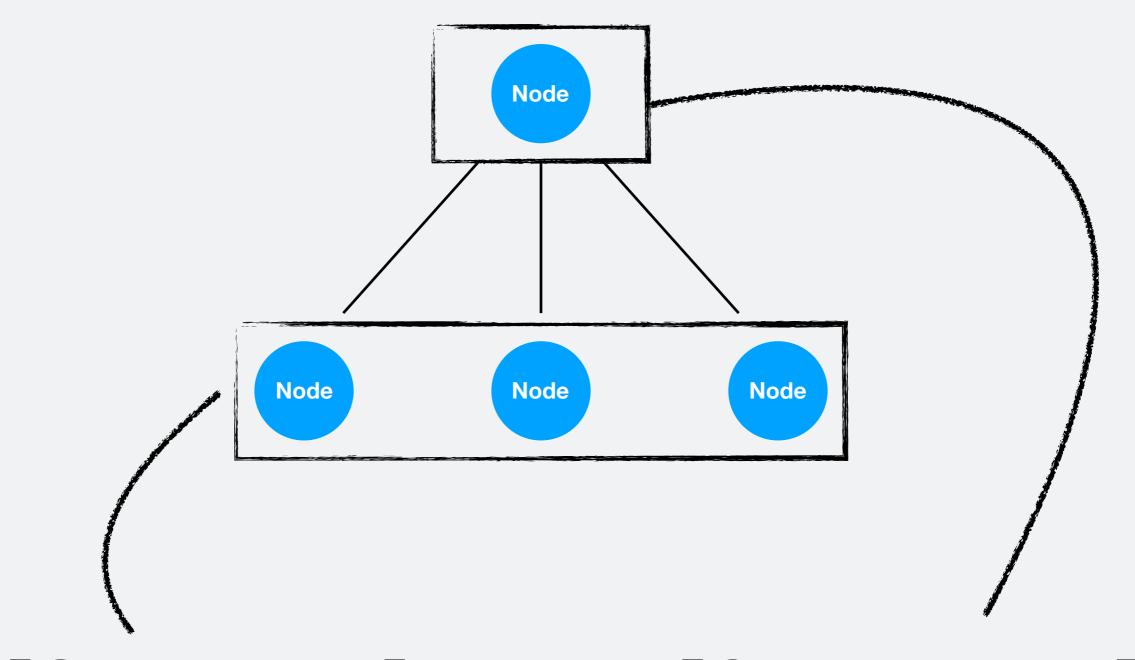
# Manhattan Distance



#### [Open List]

#### [Closed List]

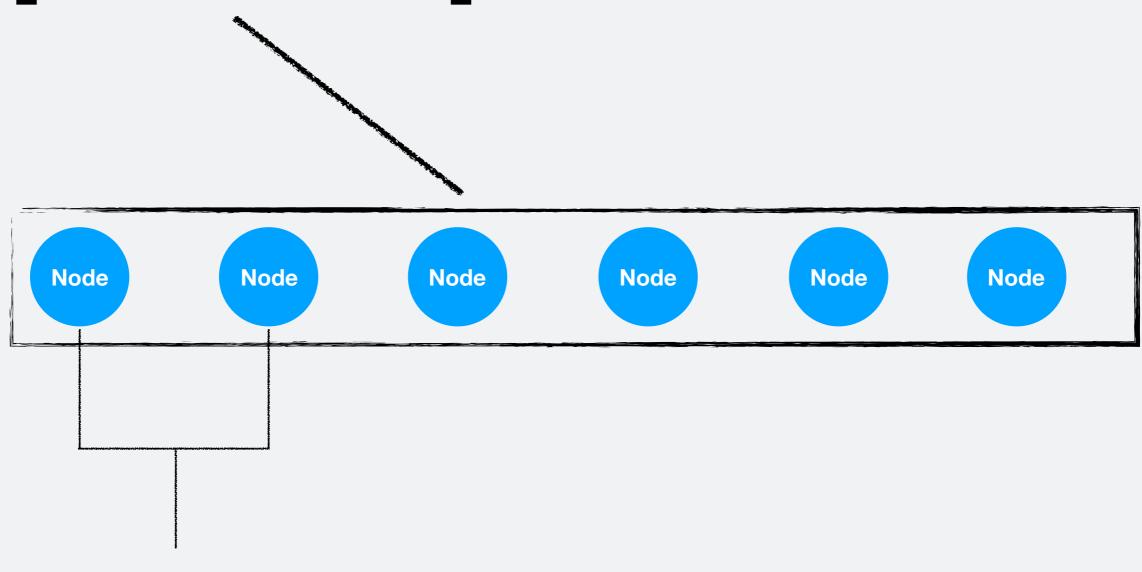
최소 f 값을 가지고 있는 노드를 확장 시켰을 때 **자식 노드**의 집합 최소 f 값을 가지고 있는 노드를 확장 시켰을 때 **부모 노드**의 집합



[Open List]

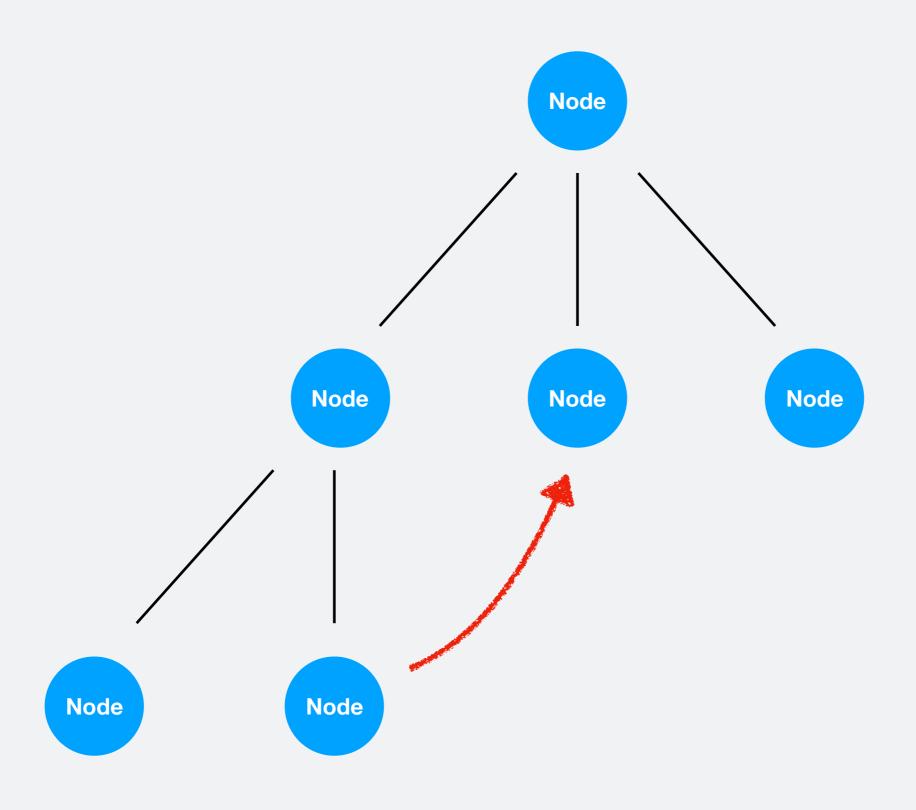
[Closed List]

#### [Closed List]



$$f(x) = g(x) ??$$

### **Special Point**

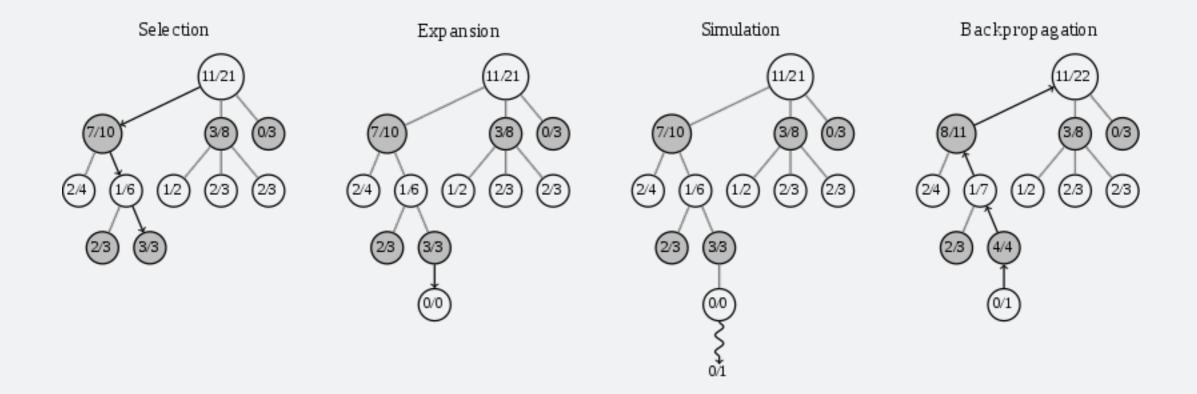


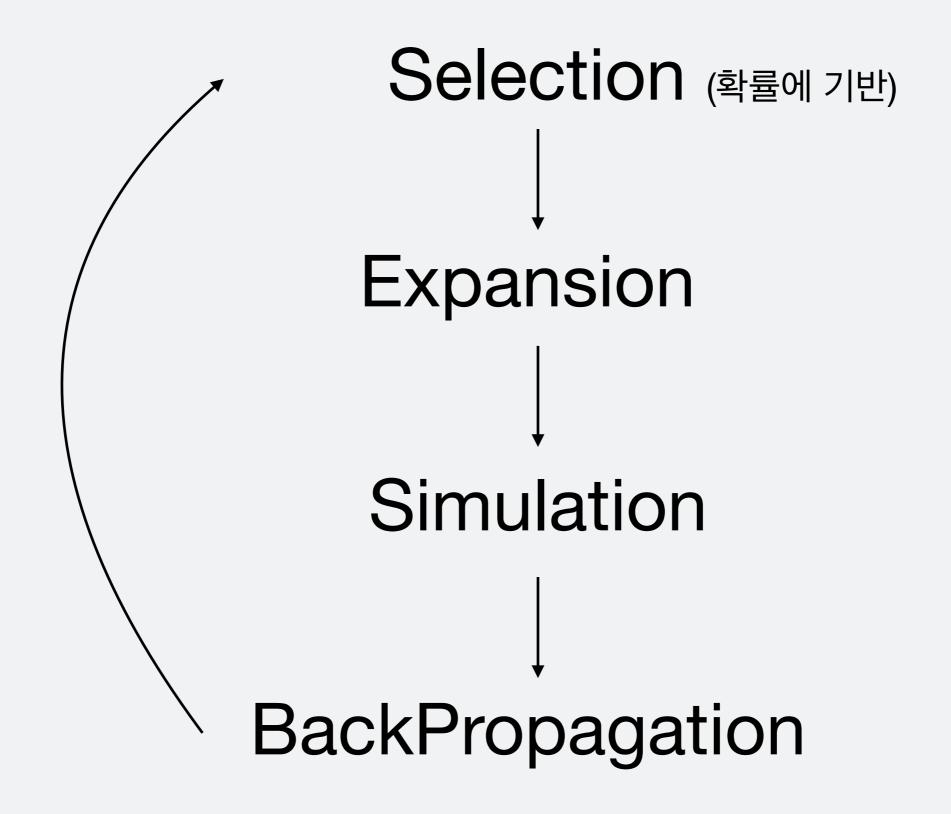
## **Special Point**



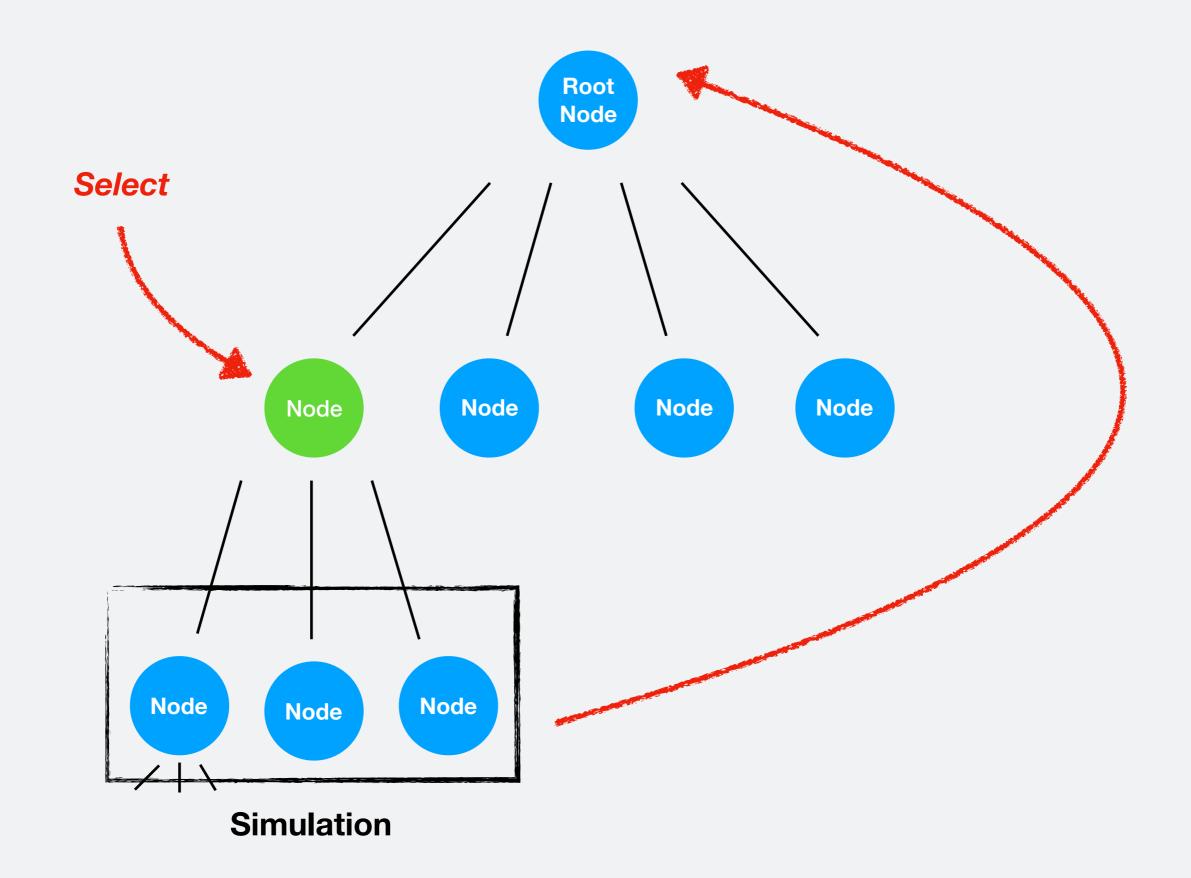
## More

#### **Monte Carlo Tree Search**





#### **Best Search & Simulation**



## Q&A