

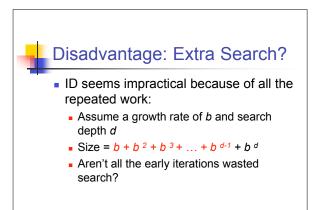
## Depth-first Search

- How do you know how deep to search?
- Search to terminal nodes?
  - Could be too deep!
- Search to a fixed depth?
  - Bad move ordering could make this a big search
  - What if the search depth is set too large?

2

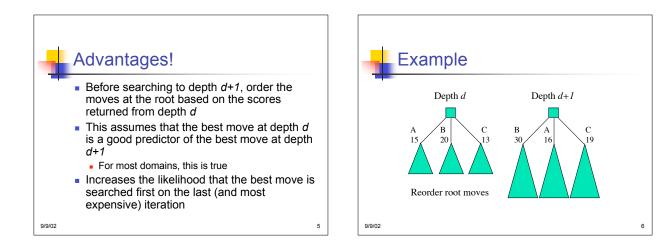
What if the search depth is set too small?

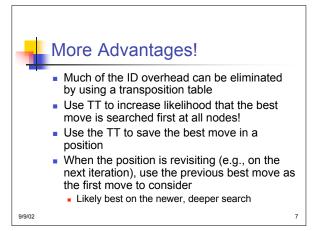


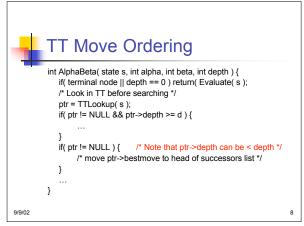


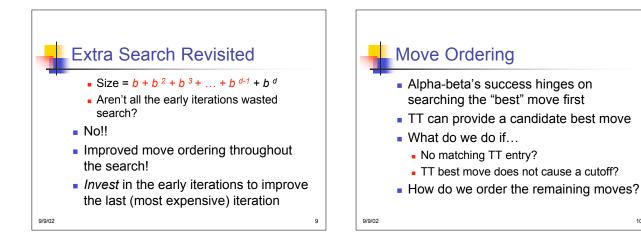
9/9/02

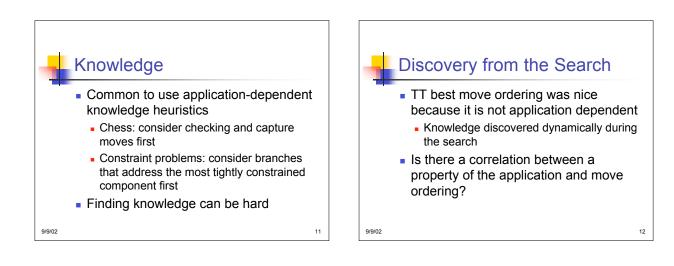
9/9/02

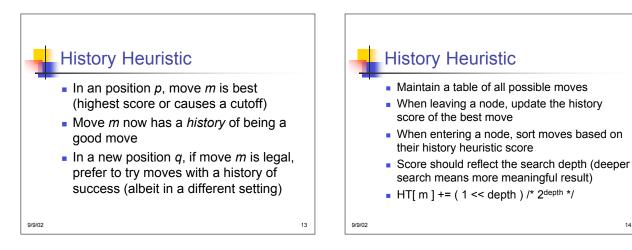












**History Heuristic** 

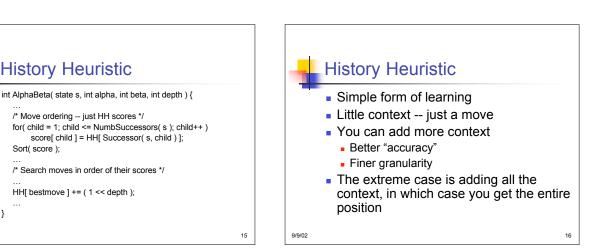
Sort( score );

}

9/9/02

/\* Move ordering -- just HH scores \*/

HH[ bestmove ] += ( 1 << depth );



14

