

Optimality

- Tree search:
 - A^* is optimal if heuristic is admissible
 - UCS is a special case ($h = 0$)
- Graph search:
 - A^* optimal if heuristic is consistent
 - UCS optimal ($h = 0$ is consistent)
- Consistency implies admissibility
- In general, most natural admissible heuristics tend to be consistent, especially if from relaxed problems

