

Feb 5: Agenda

- Recap: A* via $f(n) = g(n) + h(n)$ interpretation via contours.
 - ▶ Rina Dechter and Judea Pearl quotation
 - ▶ Q: Can we give a best possible (admissible) heuristic?
Q: How about a worst possible (admissible) heuristic?
- Tell me about D*-lite.
- Comparing and designing heuristics
 - ▶ Relaxations (and Valtorta's theorem)
 - ▶ Notions of dominance
 - ▶ Sub-structure: Pattern databases, landmarks
 - ▶ Experience: learned weightings, E-graphs
- Reading for next time: Make a start on Chapter 4