





























Relaxed problems

## Memory-bounded Heuristic

- One issue with A\* memory usage!
- Briefly Iterative-Deepening A\* (IDA\*)
  Iterative Deepening Search (see last set of slides)
- Cutoff used f(n) rather than the depth
- Recursive best-first search (RBFS) simple recursive algorithm for BFS in linear space.
- Memory-Bounded A\* (MA\*) & Simplified MA\* (SMA\*) A\* until memory is full, then expand by dropping the "worst" leaf node.