

AIR - Questions 5

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1. **Q:** Which node is to be expanded next by greedy Search?
A: The goal which appears to be closest to the target.
2. **Q:** Is greedy search complete?
A: No. It can get stuck in loops.
3. **Q:** Name the completeness requirements for A* graph searches.
A: (1): No infinite path has a finite cost. (2) Either the heuristic needs to be consistent, or the Graph-Search algorithm has to be modified