AIR – Questions 4

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October 23, 2016

1. **Is the greedy search complete?**
   No, the greedy search can also get stuck in an finite search space because of the difference between real cost and heuristic function.

2. **What is the purpose of the heuristic function?**
   The heuristic function estimates the cost from a node to closest goal node.

3. **Core function of an heuristic search algorithm:**
   An heuristic search algorithm uses an evaluation function $f(n)$ to choose the nodes to expand to.