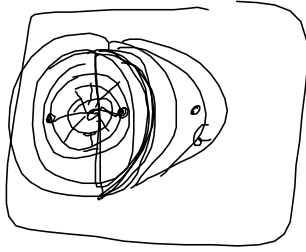## Informed search

Friday, September 9, 2016   9:19 AM

Heuristic Search

intuition — programmer have some intuition that makes the
problem easy(er) to solve

Heuristic function — captures intuition
             focus on certain states above others

$h(n)$ $h: \text{state} \longrightarrow \text{number}$
                         ↑ "Goodness" value

specifically: estimate of how close I am to goal.
                         (action cost or # of actions)