

# Review



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Huzhou University

Solving problems by searching

## 5 Informed Search Strategies

- Greedy Search
- A\* Search
- Iterative Deepening A\* Search

## 6 Heuristic Functions

## 7 Summary

# Seventh week learning tasks



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## Chapter 4 Beyond Classical Search

1. Overview
2. Hill-climbing search
3. Simulated annealing
4. Local beam search



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# Recommended videos

1. Hill Climbing Algorithm

( <https://www.bilibili.com/video/av70927300/> )

2. Simulated Annealing

( <https://www.bilibili.com/video/av69996332/> )

3. Beam Search

( <https://www.bilibili.com/video/av69662456/> )