



AI Search, Part II

Lecture Outline

01

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Breadth first search

- Most common
- Search the tree breadthwise

02

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Depth first search

- Follow each path to its greatest depth before doing the next

03

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Uniform Cost search

- Use on a tree with weighted edges
- Implemented using a priority queue

04

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Heuristic search

- Example of an informed search
- Node with the lowest heuristic value is expanded at each step

