CIS 471/571 (Fall 2019): Introduction to Artificial Intelligence

Lecture 19: Exam Review

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Source: http://ai.berkeley.edu/home.html
Time and Location

- Time: 2:45 pm – 4:45 pm (120 minutes), Dec 10th, 2019
- Location: 128 CHI
- Closed book
- One-page (front and back sides) cheat-sheet is allowed
- Calculator
Topics

- Search
- Adversarial search
- Reinforcement learning
- Bayes Nets
Graph Search

- Uninformed search
  - DFS
  - BFS
  - UCS

- Informed search
  - Greedy
  - A*
  - Admissibility and consistence
Adversarial Search

- Minimax search
- Alpha-beta pruning
Reinforcement Learning

- Direct evaluation
- Q-learning
- Exploration
Bayes Nets

- Independence
- Variable elimination
- Sampling
  - Gibbs sampling
Midterm Winter 2019

- Link: https://classes.cs.uoregon.edu/19W/cis471/homework/Midterm_Solution.pdf