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#### Home

AI Poker Camp Beta Course Materials

Visit https://poker.camp for info on the course

## Part I

## **G**ames

### 1 Expected Value Example: Poker

- 1.1 Section 1
- 1.2 Section 2
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- 1.3.1 Section 3.1
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## 2 Kuhn Poker

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# 3 Blackjack

This is the CFR page

### 4 Tic Tac Toe

This is the CFR page

## 5 Leduc Poker

This is the CFR page

# 6 Rock Paper Scissors

This is the CFR page

### 7 Texas Hold'em

This is the CFR page

### 8 Texas Tac Toe

This is the CFR page

#### 9 Rock Poker Scissors

This is the CFR page

# Part II Game Theory

## 10 Best Response

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## 11 Game Theory Foundations

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# 12 Best Response

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## 13 Game Trees

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# Part III Reinforcement Learning

## 14 Bandits

This is the CFR page

### 15 Monte Carlo Methods

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## 16 Reinforcement Learning

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# Part IV Optimal Strategies

### 17 Kuhn Poker CFR

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# 18 CFR (Counterfactual Regret Minimization)

This is the Kuhn Poker page

# 19 MCCFR (Monte Carlo CFR)

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# Part V Exploitative Strategies

## 20 Best Response

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## 21 Opponent Modeling

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# Part VI Abstracting Large Games

### 22 Card Abstractions

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### 23 Bet Abstractions

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Part VII
Setup

## 24 Intro to Poker Camp

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# 25 Poker Camp Servers

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## 26 Agents

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See Knuth (1984) for additional discussion of literate programming.

Knuth, Donald E. 1984. "Literate Programming." Comput. J. 27 (2): 97–111. https://doi. org/10.1093/comjnl/27.2.97.