

Table of contents

Ho	Home 4		
ı	Games	5	
1	Poker Basics	6	
	1.1 Section 1	6	
	1.2 Section 2	6	
	1.2.1 Section 2.1	6	
	1.2.2 Section 2.2	6 6	
	1.3.1 Section 3.1	6	
	1.3.2 Section 3.2	6	
	1.3.3 Section 3.3	6	
	1.4 Section 4	6	
2	Kuhn Poker	7	
3	Blackjack	8	
4	Tic Tac Toe	9	
5	Leduc Poker	10	
6	Rock Paper Scissors	11	
7	Texas Hold'em	12	
8	Texas Tac Toe	13	
9	Rock Poker Scissors	14	
П	Game Theory	15	
10	Expected Value	16	

11 Game Theory	17	
12 Regret	18	
13 Game Trees	19	
III Reinforcement Learning	20	
14 Bandits	21	
15 Monte Carlo Methods	22	
16 Reinforcement Learning	23	
IV Optimal Strategies	24	
17 Kuhn Poker CFR	25	
18 CFR (Counterfactual Regret Minimization)	26	
19 MCCFR (Monte Carlo CFR)	27	
V Exploitative Strategies	28	
20 Best Response	29	
21 Opponent Modeling	30	
VI Abstracting Large Games	31	
22 Card Abstractions	32	
23 Bet Abstractions	33	
VII Setup		
24 Intro to Poker Camp	35	
25 Poker Camp Servers	36	
26 Building Agents	37	

Home

AI Poker Camp Beta Course Materials

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

Part I

Games

1 Poker Basics

- 1.1 Section 1
- 1.2 Section 2
- 1.2.1 Section 2.1
- 1.2.2 Section 2.2
- 1.3 Section 3
- 1.3.1 Section 3.1
- 1.3.2 Section 3.2
- 1.3.3 Section 3.3
- 1.4 Section 4

2 Kuhn Poker

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3 Blackjack

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4 Tic Tac Toe

This is the CFR page

5 Leduc Poker

This is the CFR page

6 Rock Paper Scissors

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7 Texas Hold'em

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8 Texas Tac Toe

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9 Rock Poker Scissors

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Part II Game Theory

10 Expected Value

This is a book created from markdown and executable code.

11 Game Theory

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12 Regret

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13 Game Trees

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Part III Reinforcement Learning

14 Bandits

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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)

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19 MCCFR (Monte Carlo CFR)

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Part V Exploitative Strategies

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Part VI Abstracting Large Games

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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 Building 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.