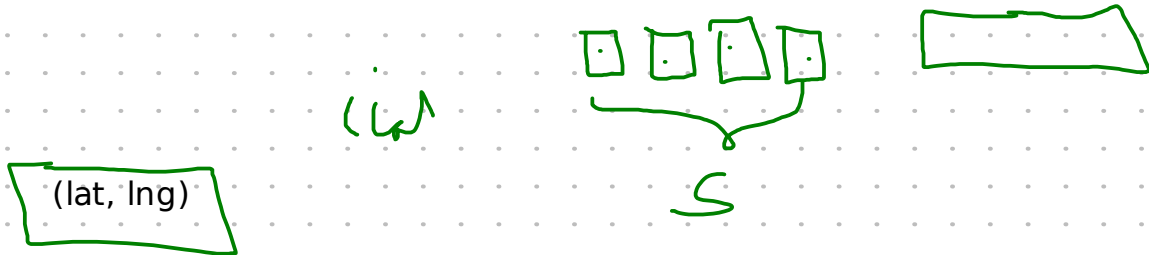
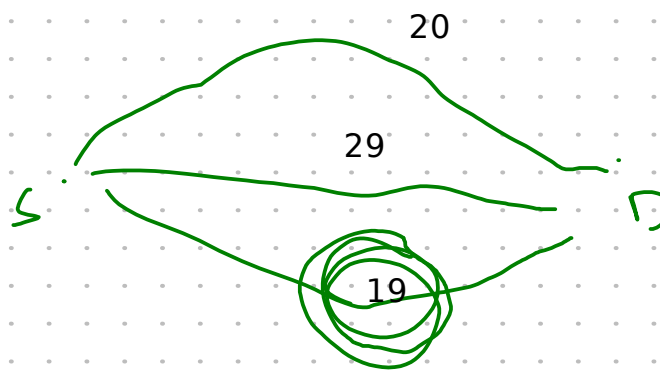


(herston rd, 10, increasing) right -> (road, 1, decre..)

$$\min \left\{ \sum (\dots) - \right\}$$

transition(current state) { return next state}



4

Actions space = {check, call, raise, fold}

Percept space = {2 cards that the agent has, cards on the table}

state space = {all cards of all players}

{combination of bets}

{history}, {total chips, card, pot value..}

transition function = $\{S \times A \rightarrow S'\}$ {A, B, C, agent, x A fold -> {fold(A), B, C}

Utility function = {}

+X for winning, X is the pot amount (X can be -ve)

+3 for everytime an opponent folds

+Y points depending on your hand

\times F : f 1/number of rounds

3

state space = {space of all possible urls} {404 pages, ... all the other errors/ cases}
 Action space = {visit next state, download, go back} {ref, erro -> go back}
 transition fn = {current page, next} = {new page} { } error
 percept space = {all the link on the page} { } {DNS, 404, ...}
 percept function = {percept all the links, given a page -> all the links}
 utility fn = {+1 every new page} {stays same}
 {-0.5 for retrying an error page: (error specific)}

1

state space = { } {[X,-,o]....}

P=S

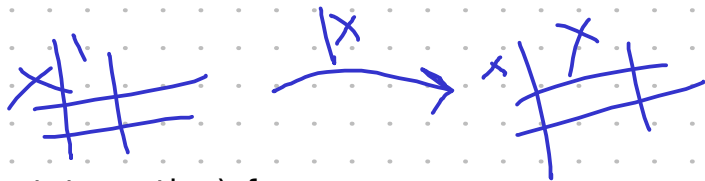
Action = {(5,X), (5,O)...

Percept function = { I }

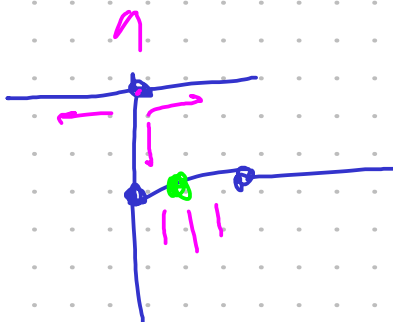
Transition

transition (current state, action) {
 return next_state;
 }

utility = {+1 win, -1 lose, 0}

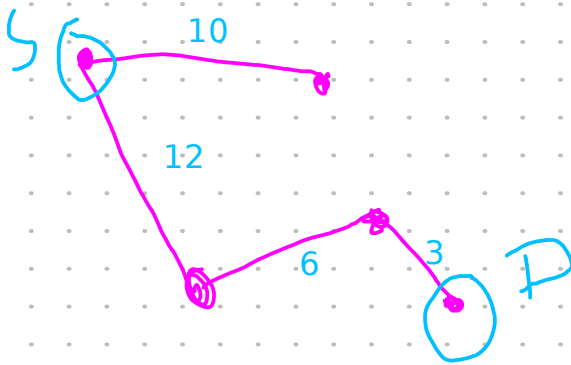


2)



(herston rd, 2 , (N,

(ted road, 4, increasing) x right -> (jack road, 1, inc...)



4

Action space = {check, call, raise, fold}

percept = {cards on table, in hand, pot amount}

state space = {all combinations of cards (all players), agents cards (my cards), table
+ collection of everyone's bets}

transition function = {S(cards, chips, bets ...) + raise -> (cards,...) }

utility = {+X for winning, X is the pot amount, +c_1 (5) everytime someone folds,
+c_2 for cards in your hand}

3) state space: {all possible webpages} {DNS, 404, internet not working ...}

Action space: {goto next page, backtracking, download} {refreshing,...}

Transition function: {(current page, destURL) -> destURL} /error page/message...

percept page: {all html page} {+error pages}

percept function: {all the links in a given 'state' (page)} {all links or error}

utility fn: {+1 for every unique page, 0 if already visited}

