Momework 13

2. change game-over? function.

include a check to see it the current has a any valid-more.

If the current player doesn't have any valid moves return the 1- creuk clist of four
possibles moves. - map

2. Valid-move? Or-map

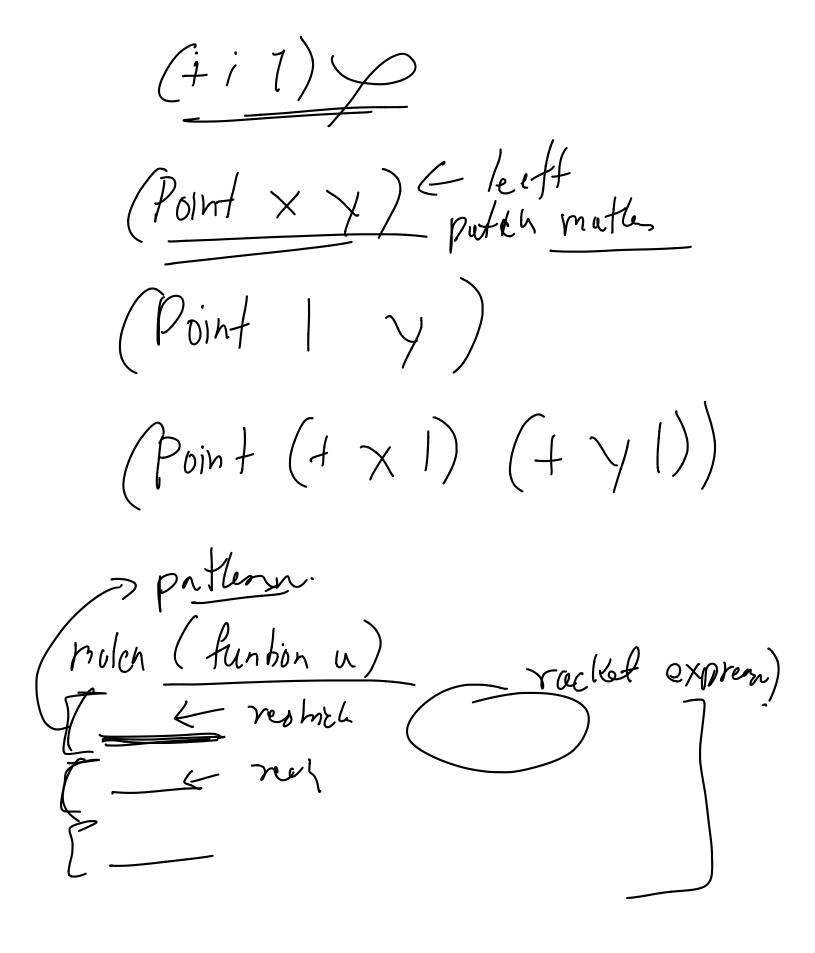
inside lumbda

3.b Country-hemsphere - J

match

> constant - for functions

- variables - match with any thin



(muteh (function a) [(Hemispher :_) (mutche (country-hemispera cl) (country-hemispera (Hemisphere III dal) do your check (Hemisphere III dal) Time - comparity

$$(define (f n))$$

$$(+ (f (-n 1)) (f (-n 2))$$

$$T(n) = T(n-1) + (Tn-2)$$
Assuming Time complexity of
$$f: T(n)$$

$$(define (f n))$$

$$(+ (g (-n 1)) (f (-n 2))$$

$$T(n) = O(n-1) + T(n-2)$$

$$(+ O(n))$$

$$T(n) = T(n-1) + 10n$$
 $= T(n-1) + 0(n)$

Suppose you know
$$S(n) = O(n)$$