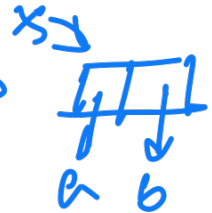


lists Basic cases '()' empty

'a' 'abc' symbols

1 3.14 numbers

cons-constructer (cons 'a' 'b') \Rightarrow 

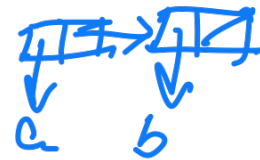
accessor (car x) \Rightarrow a

(cdr x) \Rightarrow b

list '() \Rightarrow 

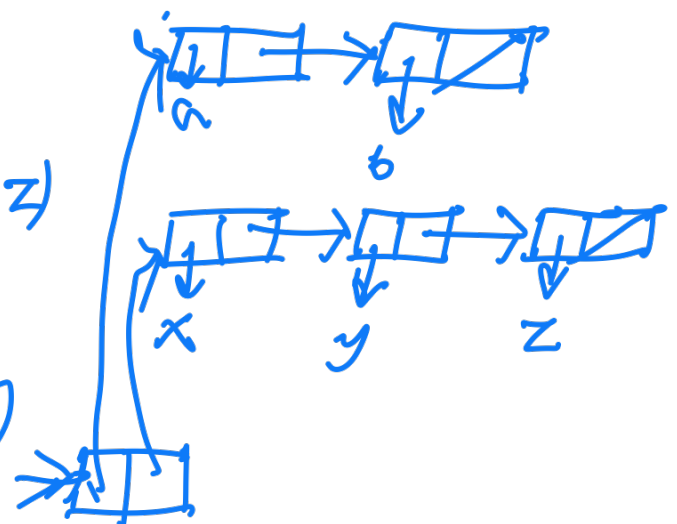
(list 'a' 'b')

(cons 'a' (cons 'b' '()'))



$ab \quad (a \ b)$
 $xyz \quad (x \ y \ z)$

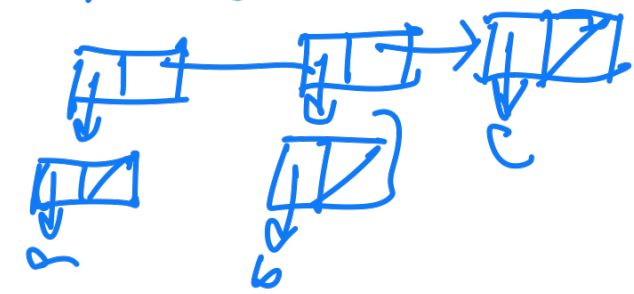
$(\text{case } ab \ xyz)$



$(\text{case } ab \ xyz)$
 $(\text{case } ab \ xyz)$
 $xyz \quad ab$

$\Rightarrow (a \ b) \ x \ y \ z$

$\bar{c} \quad \bar{b} \quad \bar{a}$



ab '(a b)



xyz '(a y z)



$(cons\ ab\ xyz)$ $((a\ b)\ x\ y\ z)$

