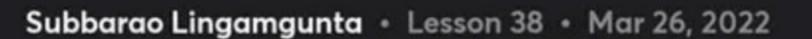


Complete Course on Theory of Computation



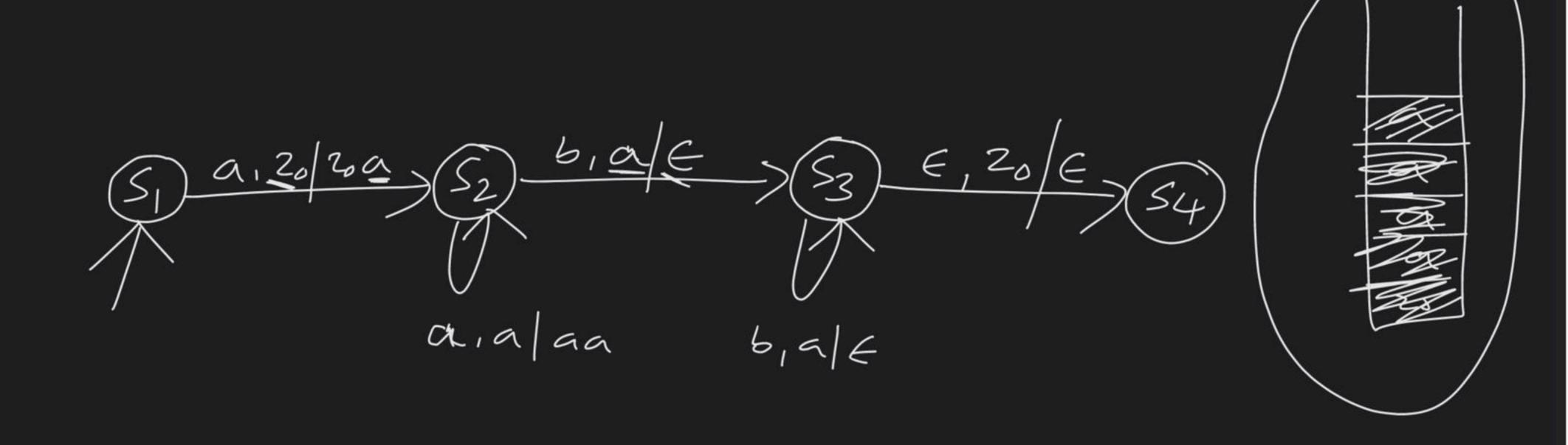
Pulm, Pop 22 SKip operations

$$\delta: (0 \times \xi \times K) \rightarrow (0 \times K)$$
 $\delta(s_1, a_1 z_0) \rightarrow (s_2, z_0 x) \Rightarrow pwh$ 
 $\delta(s_1, a_1 z_0) \rightarrow (s_2, z_0) \Rightarrow pwh$ 
 $\delta(s_1, a_1 z_0) \rightarrow (s_2, z_0) \Rightarrow skip$ 

ex constand PDA 1 = { an bn | n = 1};

1/p: 在公公公的与与与李平子

as - rulh as - rulh a's - pulh 65 - pop(a) 65 - pop(<) 65 - rop(a) \$ -- 20 = ) Succession FINA STATE a,20 Zoa a,a aa 4900) 不多多多



empts stack

PDA - acceptance Final Empl5 Stack State

m. n 21 20 > 20 a,a/aa 6, 016 m < m

 $m, n \geq 1$ aaa bb m > 044466944 aialaa 6,a/e

er —

 $L = \{anbn | n = 0\}$ 

Final

$$\frac{|S_1|}{|S_2|} \frac{|S_3|}{|S_3|} \frac{|S_1|}{|S_3|} \frac{|S_1|}{|S_$$

ex\_

L = { W | W = (a+6) b }

Constant PDA  $L = \{ \omega \mid \omega \in (a+b)^{\sharp} \}$   $\eta_{a}(\omega) = \eta_{b}(\omega) \}$ 

a a a b b b 666 aa a ab ab ab 6 a 6 a 6 a aaba 5

