$$\omega_1 \sim_L \omega_2$$

$$\frac{1}{2} \frac{1}{2} \frac{1}$$

$$\sum_{i=1}^{n} \{0,1\}$$

$$|\sim_{i}| \leq |=|$$

$$\sim_{i} \leq \sum_{i=1}^{n} \times \sum_{i=1}^{n} (0,1)$$

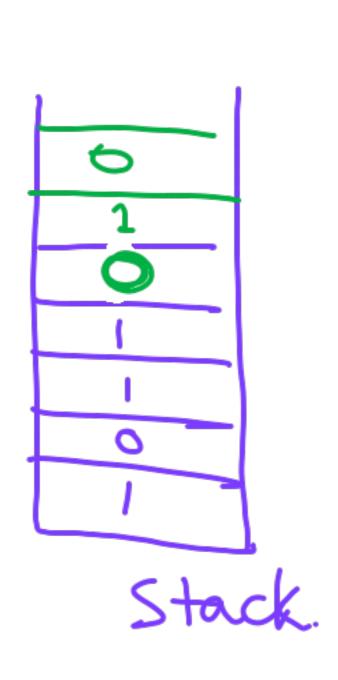
$$|\sim_{i}| \leq \sum_{i=1}^{n} \times \sum_{i=1}^{n} (0,1)$$

L: any language $\subseteq \Sigma^*$

N: Myhill-Nerode Thin

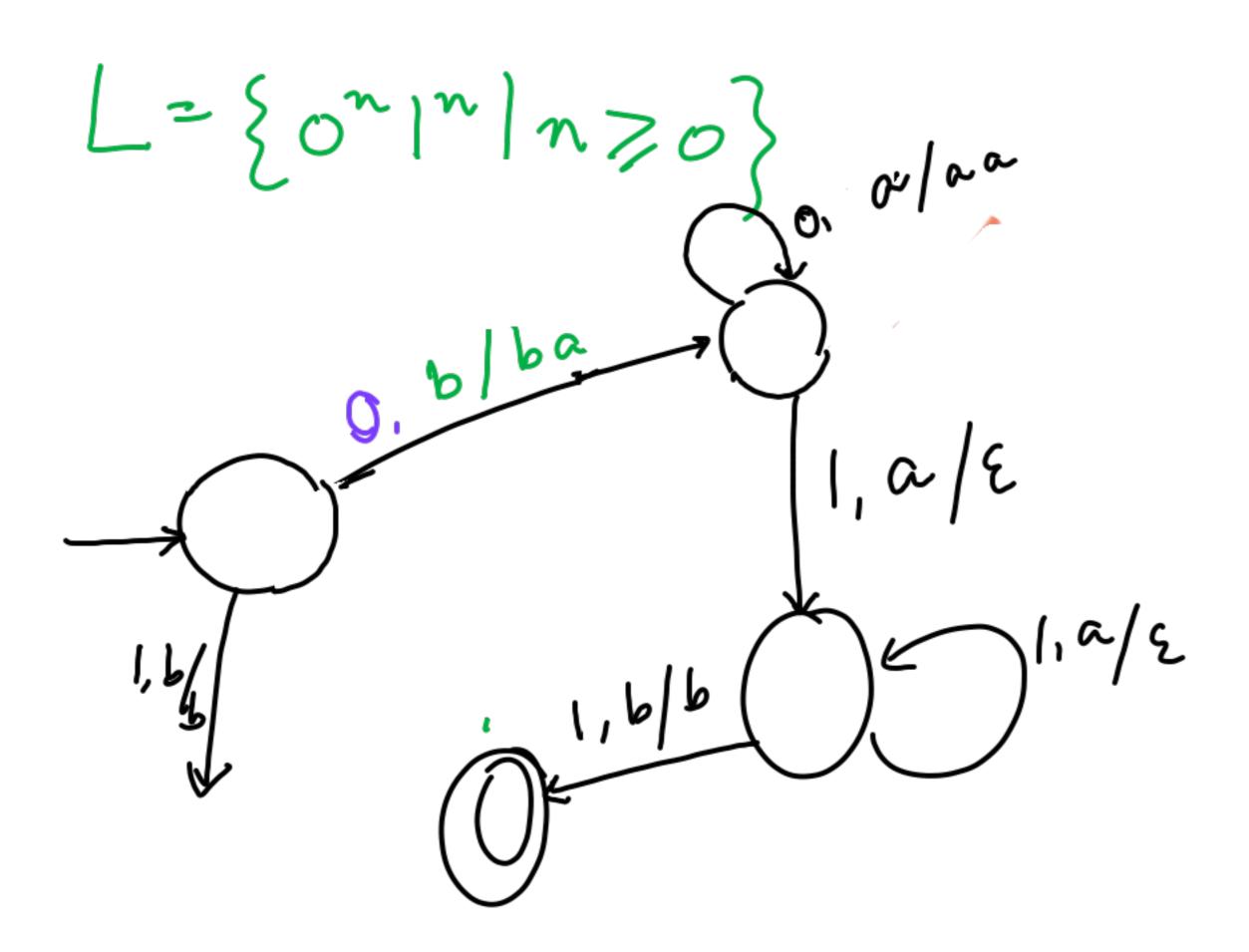
| ~ L is finite () L is regular => PL holds

δ: «, 0, 0, 0 -> «, 010



Σ, Γ, γο, δ, β,

 $S: Q \times \Sigma \times \underline{T} \longrightarrow Q \times \underline{C}^*$



$$\sum_{i=1}^{2} \{0,i\}$$
 $17 = \{a,b\}$

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