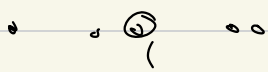
Base 1 horse = B

Inductive k horses = kB

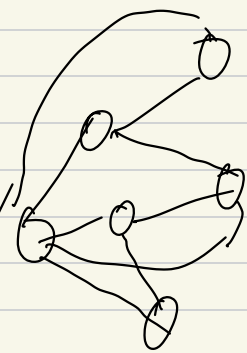
induction: k+1 horses = k+1 brown

k+1



n = |V|

{ | END } ⊂ V



0 1 0 1 1

0 1 1 0 0

$$w[n-1] = 1$$

$str = c_0 c_1 \ldots$ $\in$ $w_{n-1} = 1$

$$\{w = w_1 w_2 w_3 \ldots w_n \mid w \in \{0,1\}^* \cap w_n = 1\}$$

$$\{w = w_1 w_2 \ldots w_n \mid w \in \{0,1\}^* \nexists i \in \mathbb{N} : i < n-1 \wedge i > 1 \wedge w_{i-1} w_i w_{i+1} = 010\}$$