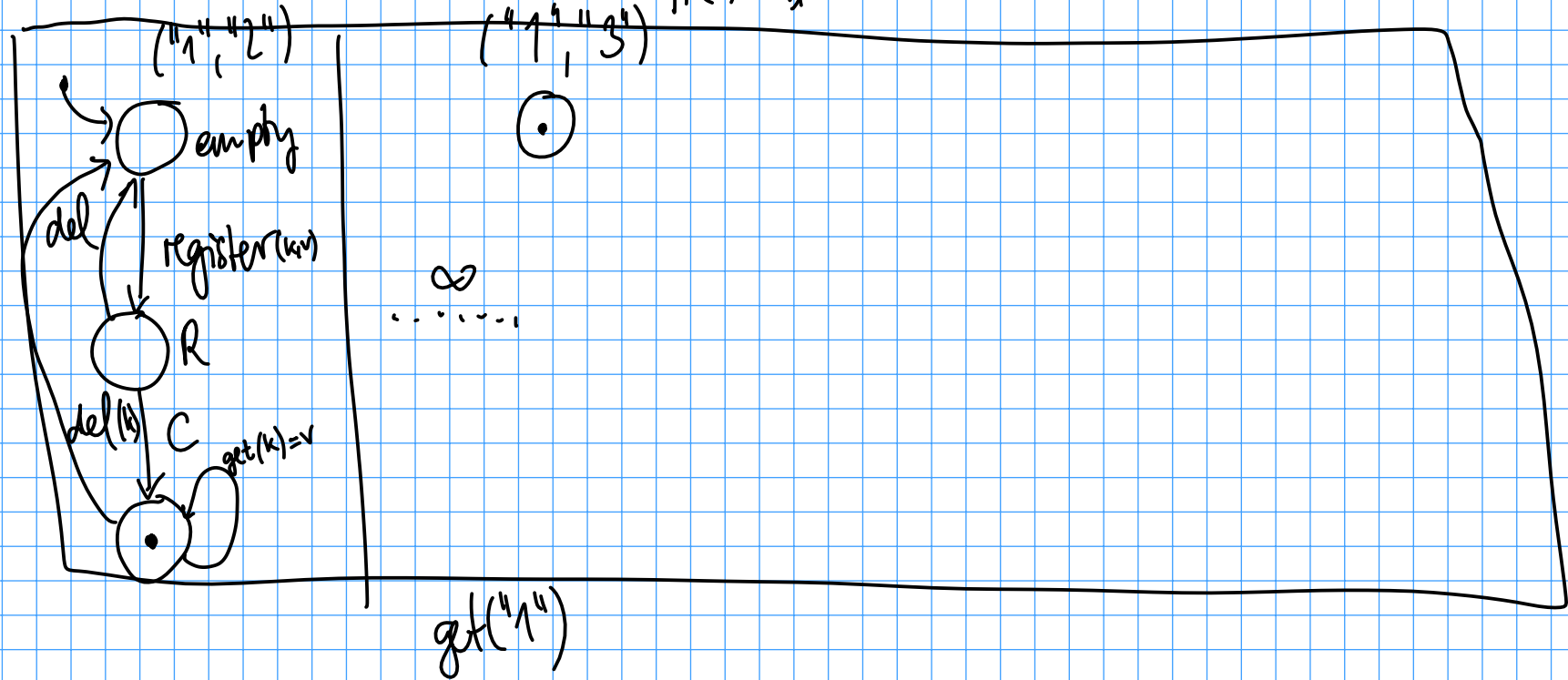
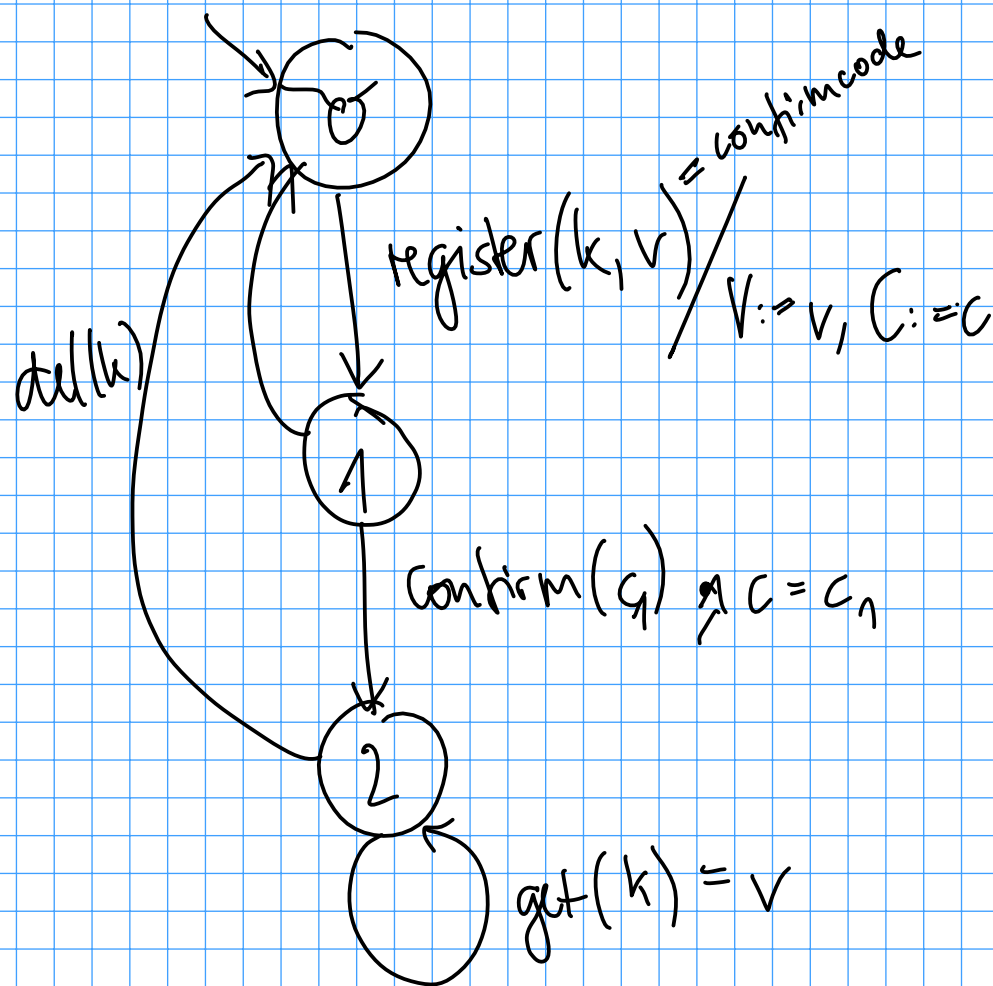


string x string
K x V



~~$k: K$~~



// @ ghost $M: K \rightarrow \{0, \dots, 2\} \times V \times C$
 $K \mapsto \{1, 2\} \times V \times C$

// requir. $M(k)_1 = 2$
 ensures $r = M(k)_2$

get

$M = \text{old}(M)$

forall k
 $\neg \text{reg } k. M(k)_3 = C$
 $\wedge M(k)_1 = 1$

$M := \Pi \{k \mapsto \dots\}$