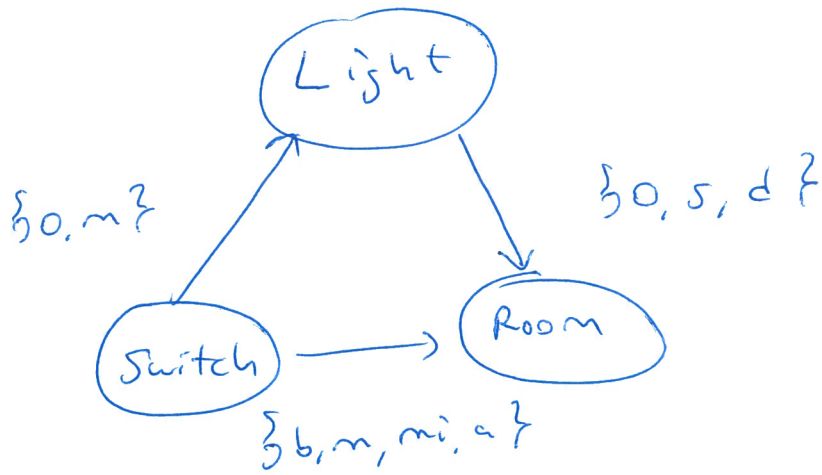
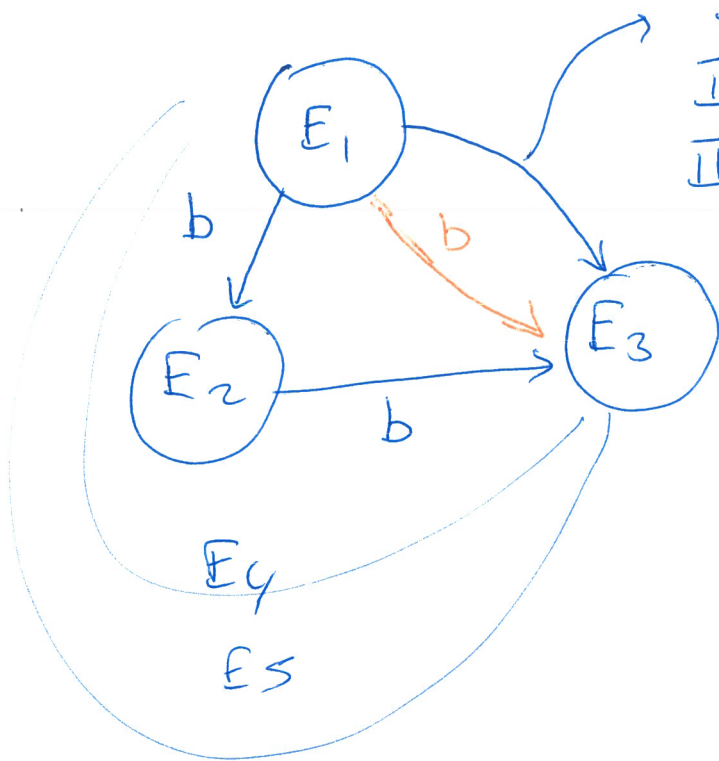


①



$[(s_0L) \vee (S_mL)] \wedge$
 $[(L_0R) \vee (L_sR) \vee (L_dR)] \wedge$
 $[(S_bR) \vee (S_mR) \vee (S_{mi}R) \vee (S_aR)]$

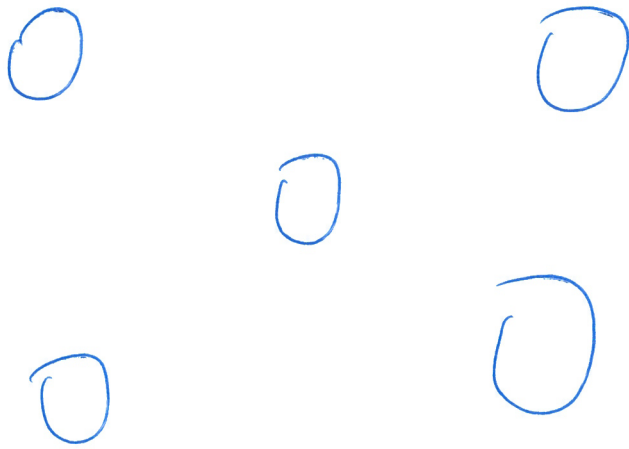


- I . b b same
- II b, 0 b shrinks
- III a \emptyset reduces to null set
- (bi) no solution.

complexity of consistency $O(\quad)$ path
 n nodes

n^2
 n^3
 $n!$

2



iterate thru all nodes n_0, n_1, \dots, n_n

{ all nodes

3 nodes.

pair

$$\frac{n^2 - n}{2} = \frac{n^2}{2} - \frac{n}{2}$$

consider all triplets

OR
 consider all pairs (i, j) $i \neq j$
 for all k such that $i \neq k, j \neq k$

3

$C \rightarrow M$
 $M \rightarrow C$
 b
 $b\bar{c}$
 m
 $m\bar{c}$
 $b\bar{c}$ m

inferred
 $M \rightarrow L$
 b

b

$d, f, o\bar{c}, m\bar{c}, b\bar{c}$

$M \rightarrow$

$M \rightarrow C$
 $b\bar{c}$

$C \rightarrow I$

$M \rightarrow C$

C M

C L

C L

C L

$C \rightarrow M$

C L

$L b M$ $M b\bar{c} L$

C M

C L

$L m M$

$M m\bar{c} L$