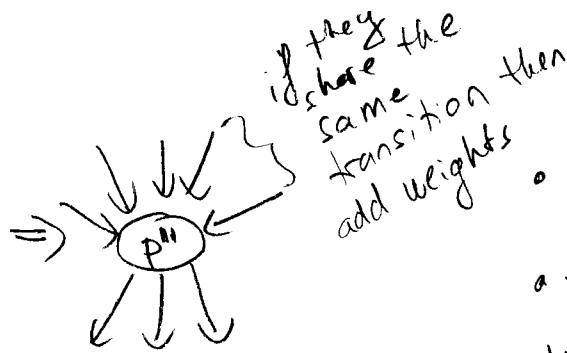
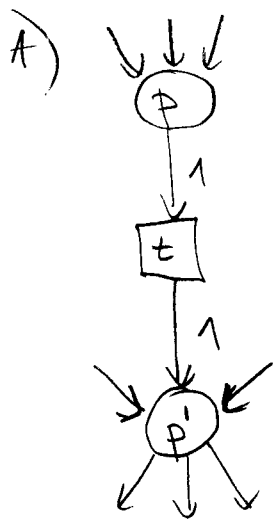


Query ... places used in query

Inhib ... places or transitions connected to an inhibitor arc.

M_0 ... initial marking



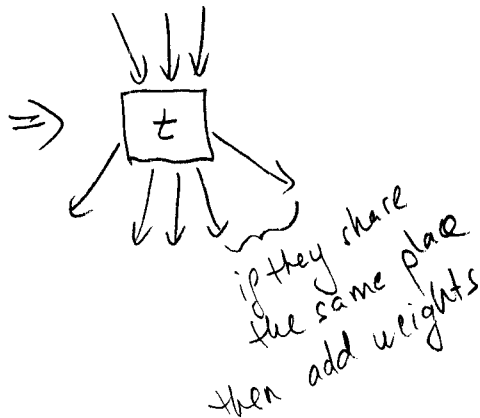
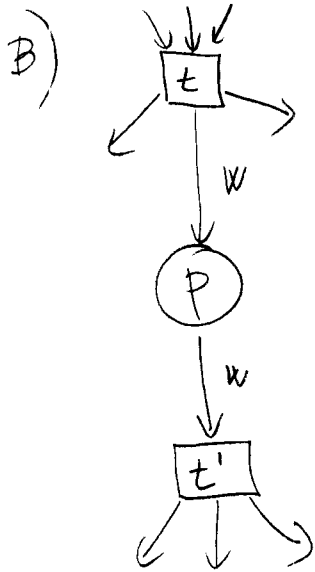
Conditions

- $p, p' \notin \text{Query}$
- $t, p, p' \notin \text{Inhib}$
- $M_0(p) = 0$ or $M_0(p') = 0$

$$p'' = p \text{ if } M_0(p') = 0$$

$$= p' \text{ if } M_0(p) = 0$$

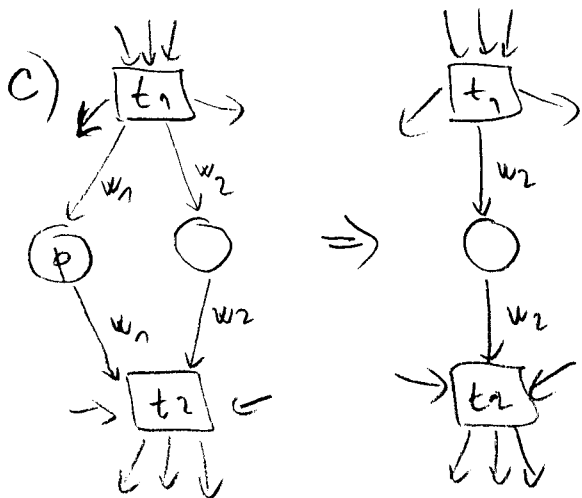
$$p \neq p'$$



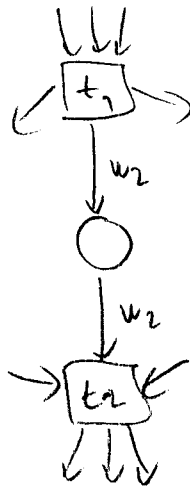
Conditions

- $p \notin \text{Query}$
- $M_0(p) = 0$
- $p \notin \text{Inhib}$
- $t, t' \notin \text{Inhib}$
- $(t') \cap \text{Inhib} = \emptyset$
- $t \neq t'$

$(t')^*$ has no places from Query



\Rightarrow



Conditions: $p \notin \text{Query}, p \notin \text{Inhib}$
 $M_0(p) = 0, t_1 \neq t_2$

D) if $t_1 \neq t_2$ have the same pre and post (including weights), remove t_2

