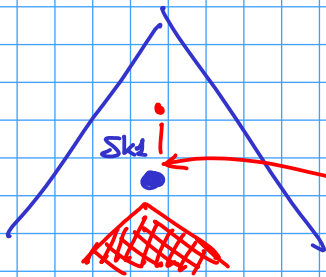
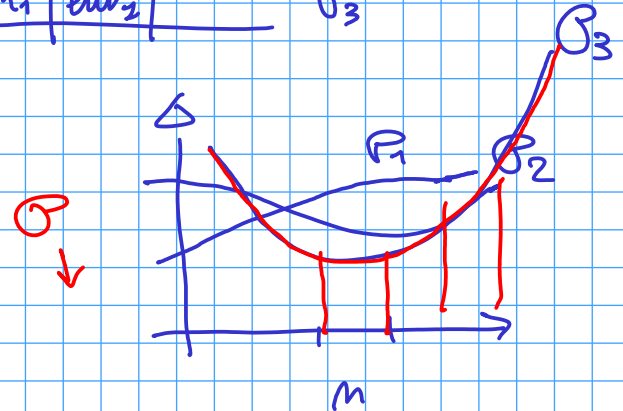
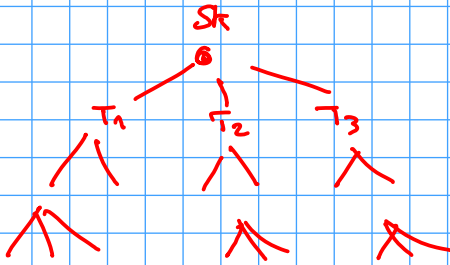


Keypoints Lib



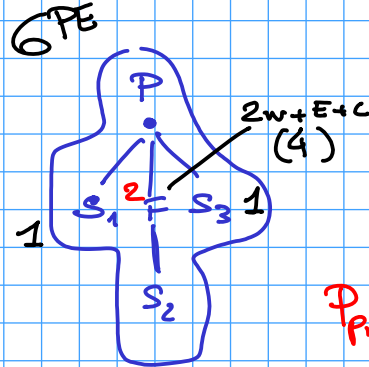
$SK_1$	$lv_{k_1}$
$SK_2$	$lv_{k_2}$
$SK_3$	$lv_{k_3}$

$P_1$   
 $P_2$   
 $P_3$  **≡**



$S_1$  ;  $S_2$  ;  $S_3$   
 $10t$     $20t$     $11t$   
—   —   —  
    ↑   —

$\Rightarrow$  PIPE ( $S_1, S_2, S_3$ )

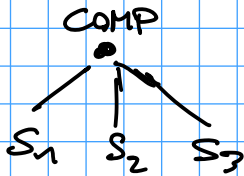


$$T_{pipe} = \max\{T_{S_i}\}$$

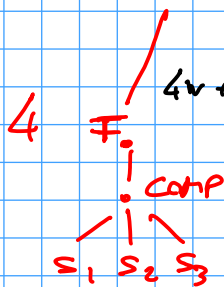
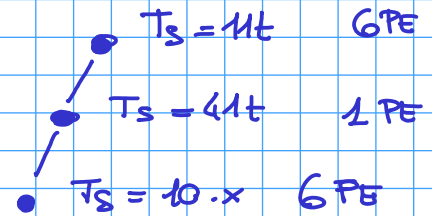
$$T_{form} = \max\{T_e, T_c, \frac{T_w}{mw}\}$$

$$P_{pipe} = \max\{10t, \frac{20t}{2}, 11t\} = 11t$$

$S_1 S_2 S_3$

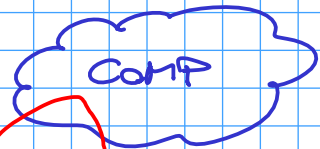
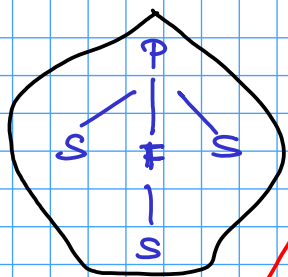


$$P_{pipe} = 41t$$

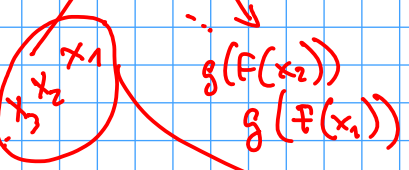
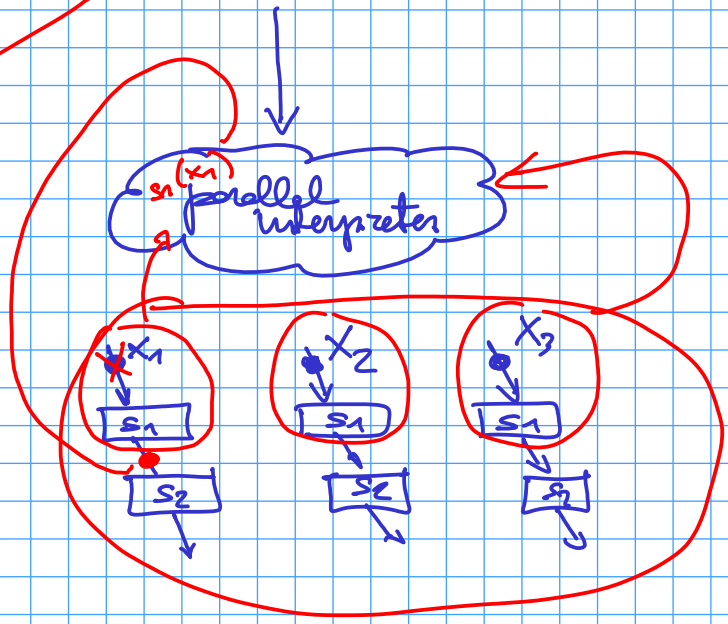
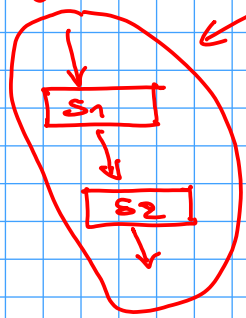
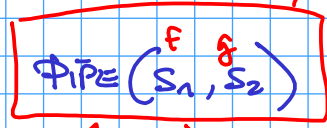


$$4v + E + C = 6PE$$

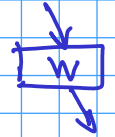
$$P_{FORM} = \max\{T_e, T_c, \frac{41t}{4}\} = 10.x t$$



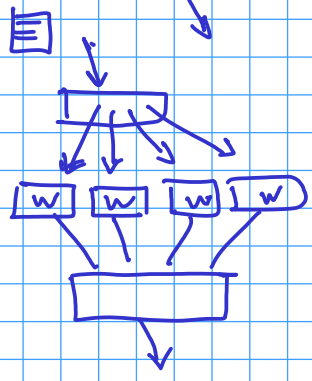
dependency graph

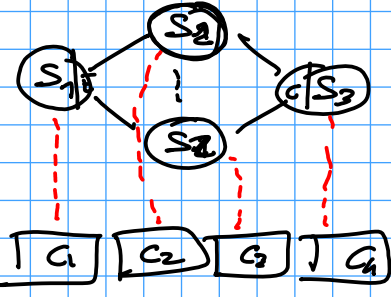
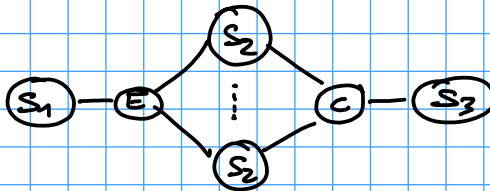
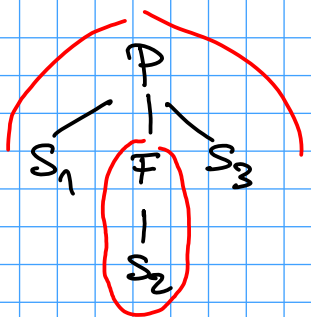


FARM(w)

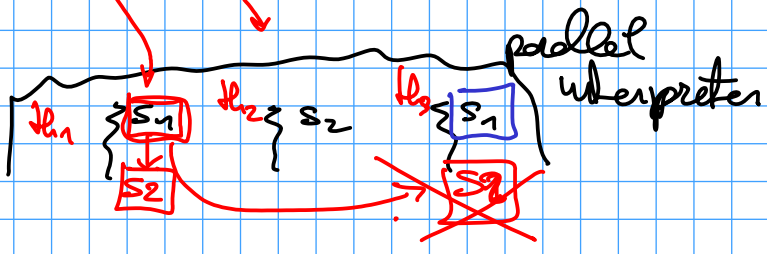
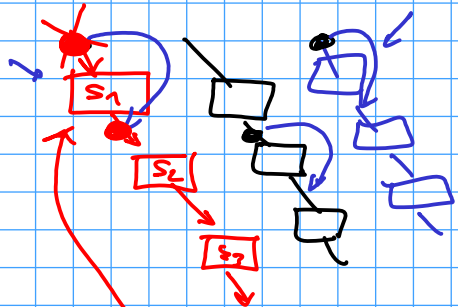
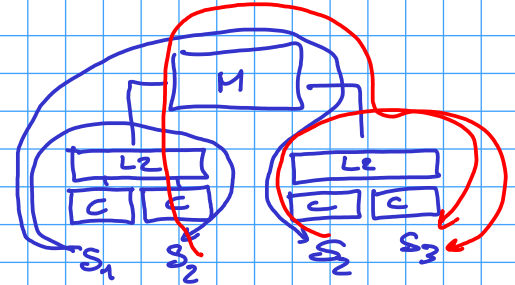


MAP(w)

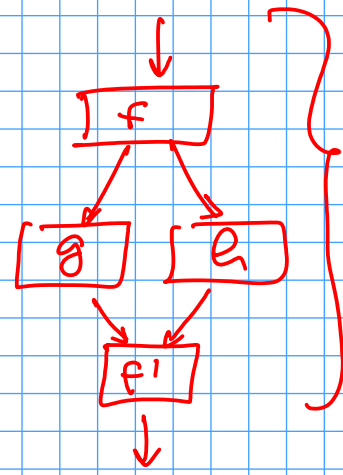
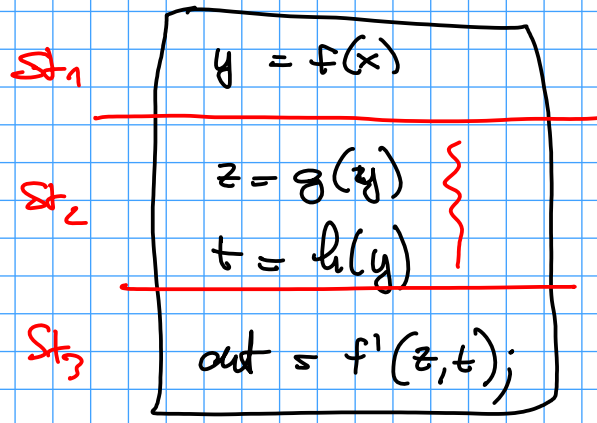




Template based implementation



fooSk



pipe(S1, fooSk(f, g, h, f'), S3)