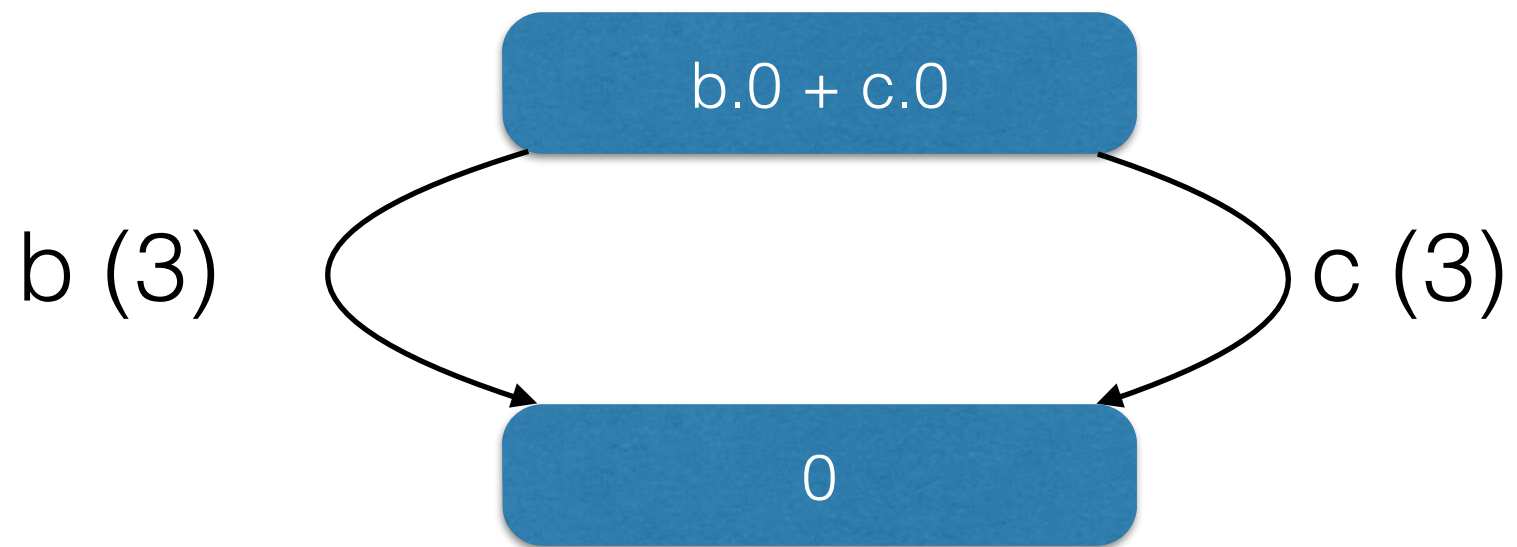


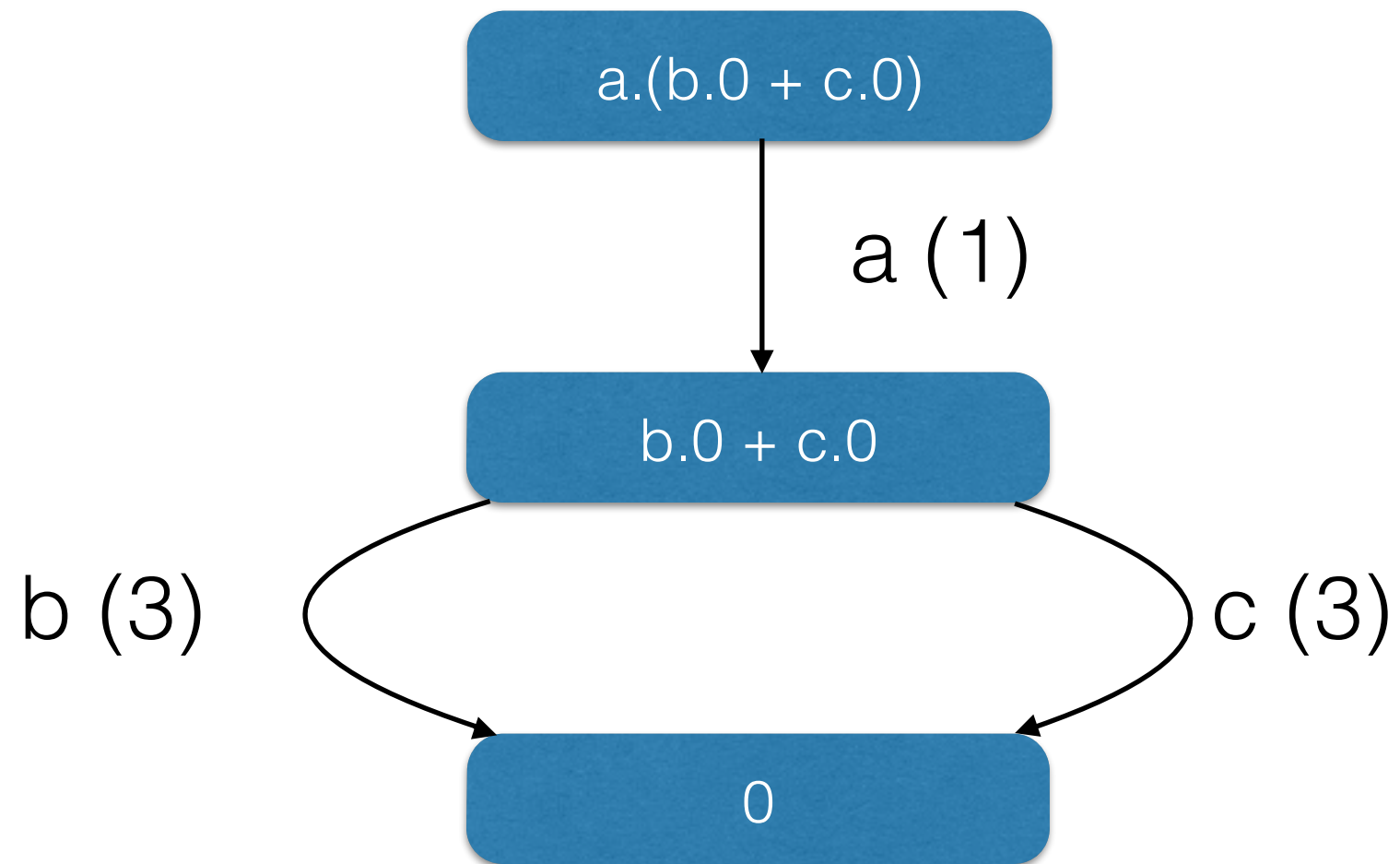
# Task 1

P1)

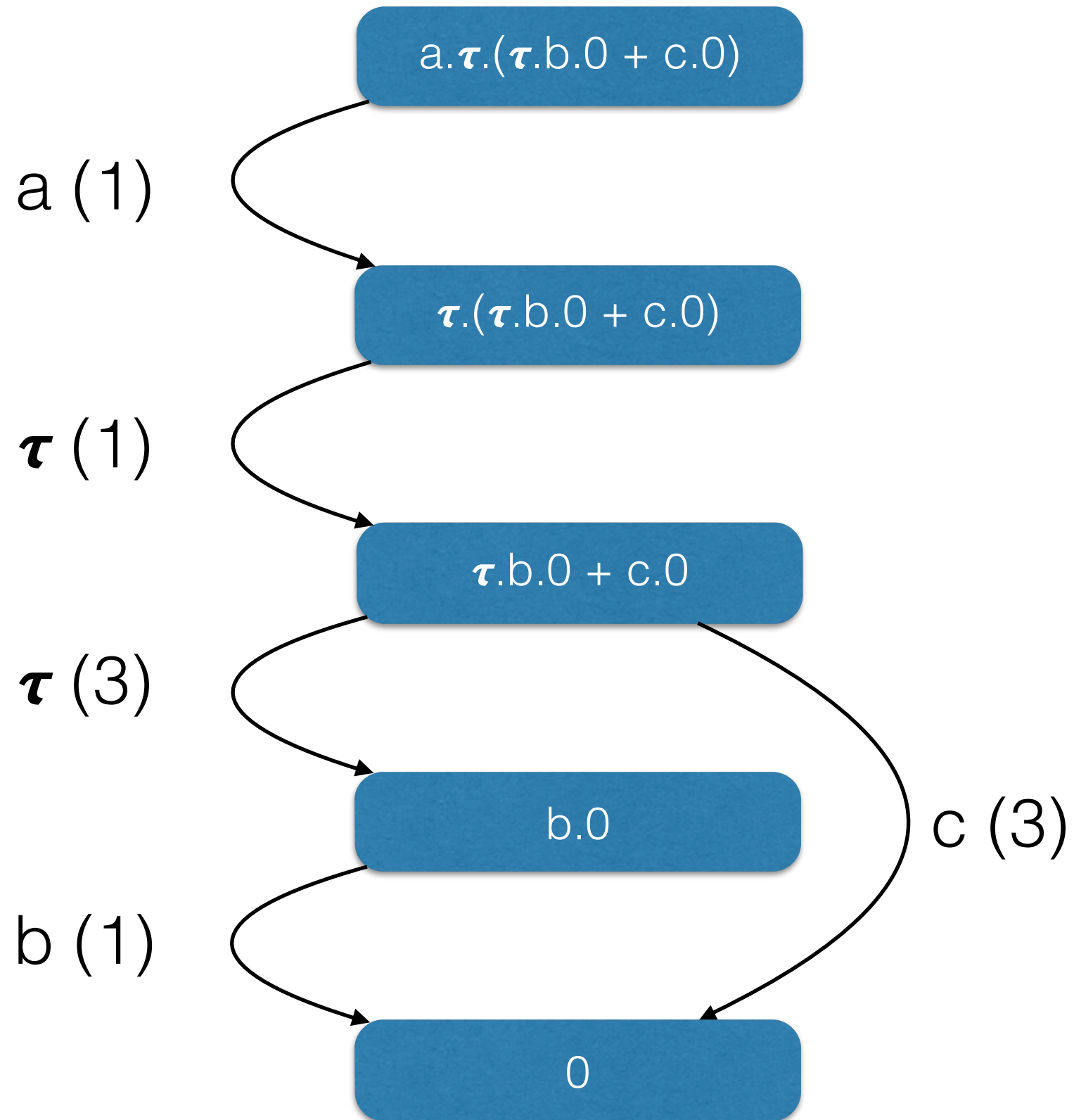


# Task 1

P2)



Task 1  
P3)



Task 1  
P4)

$a(1)$

$(d,e)(a.d.(e.b.0 + c.0)|'d.'e.0)$

$\tau(6)$

$(d,e)(d.(e.b.0 + c.0)|'d.'e.0)$

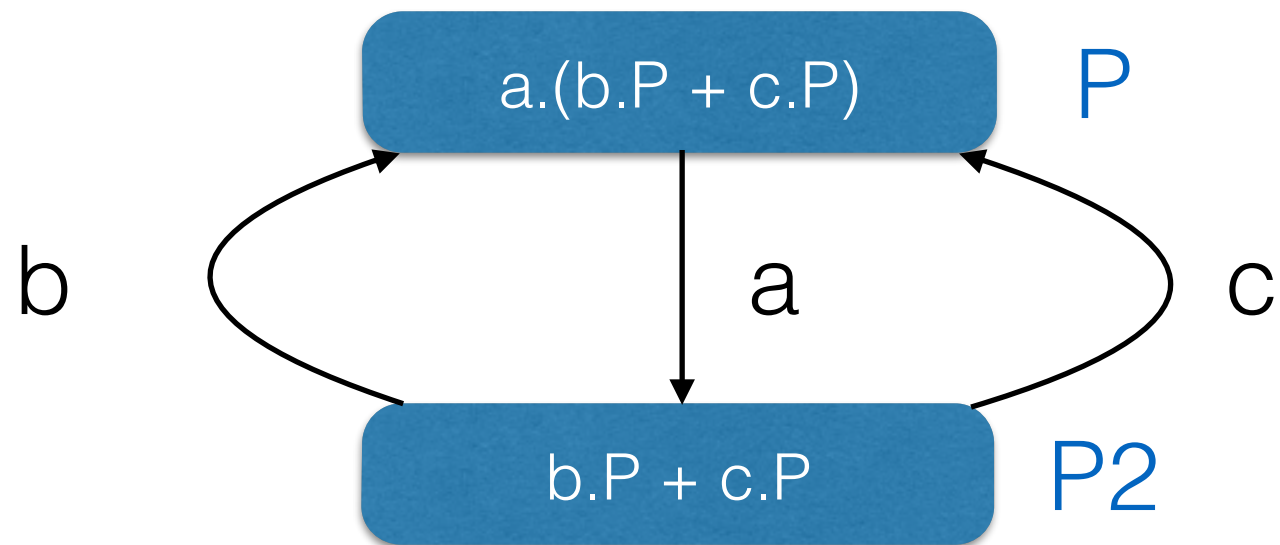
$\tau(6)$

$(d,e)((e.b.0 + c.0)|'e.0)$

$(d,e)((b.0)|0)$

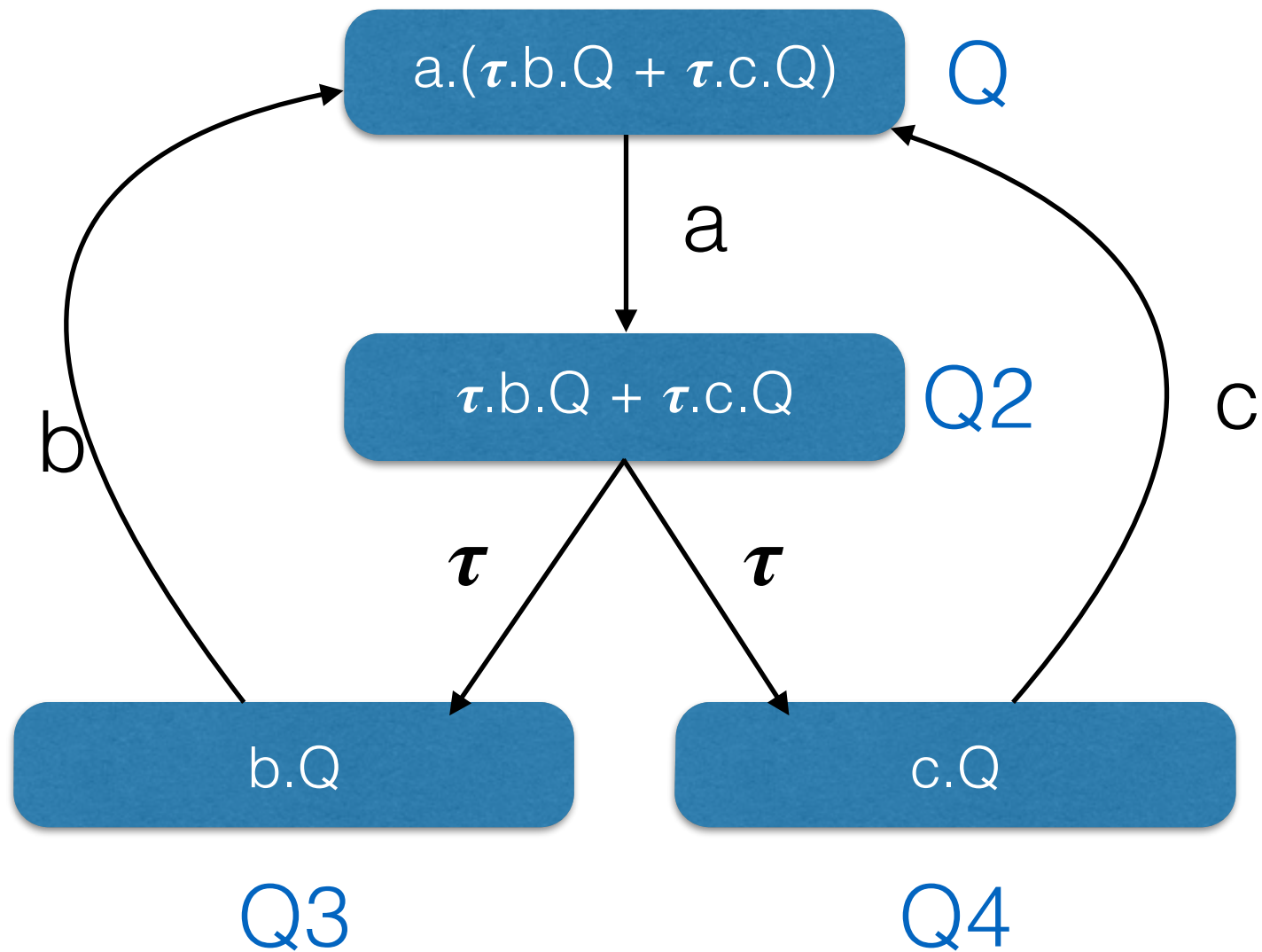
Task2

$P := a.(b.P + c.P)$



Task2

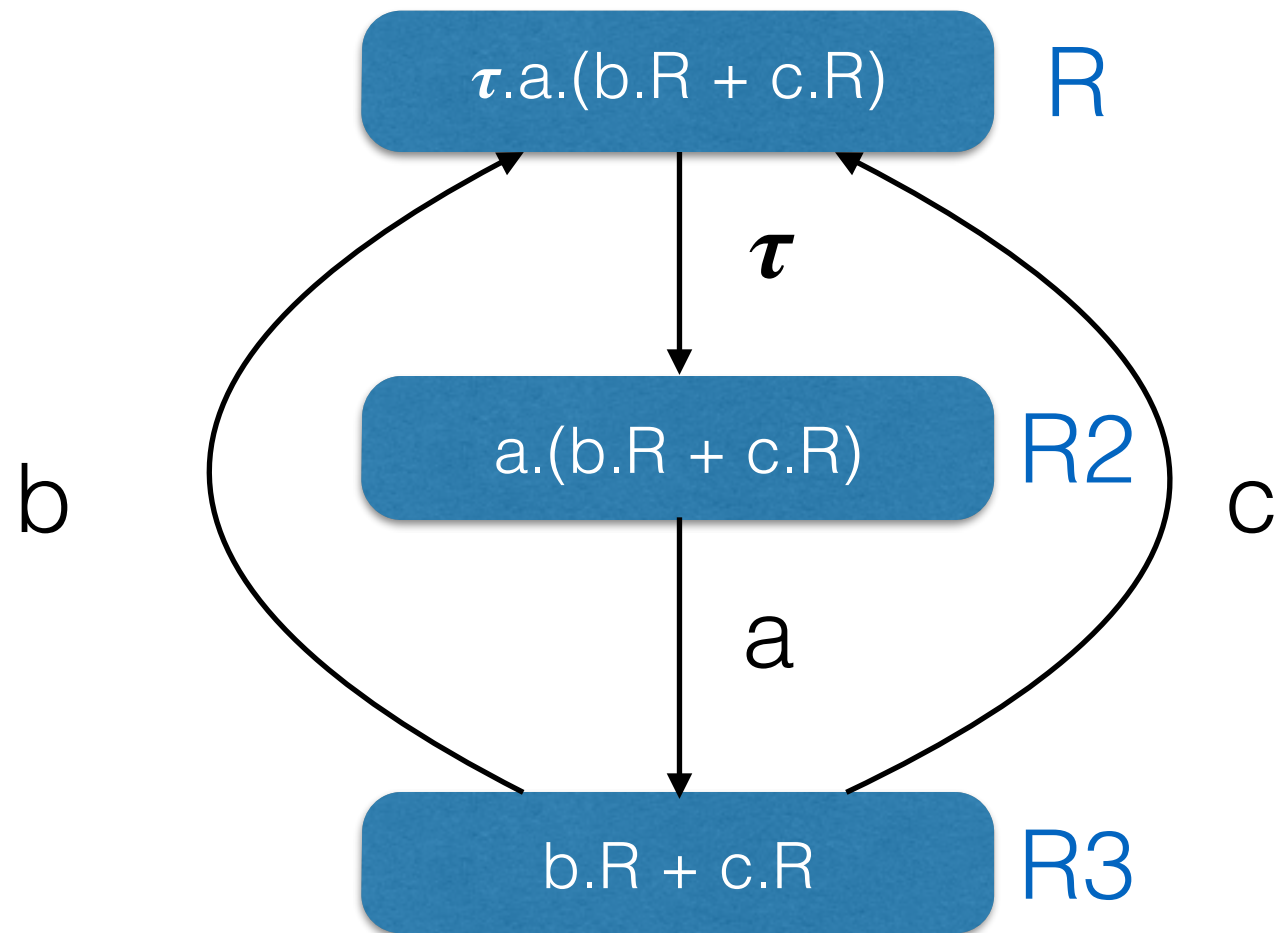
$$Q := a.(\tau.b.Q + \tau.c.Q)$$



$$(P \approx Q) \ R = \{(P, Q), (P, Q2)\}$$

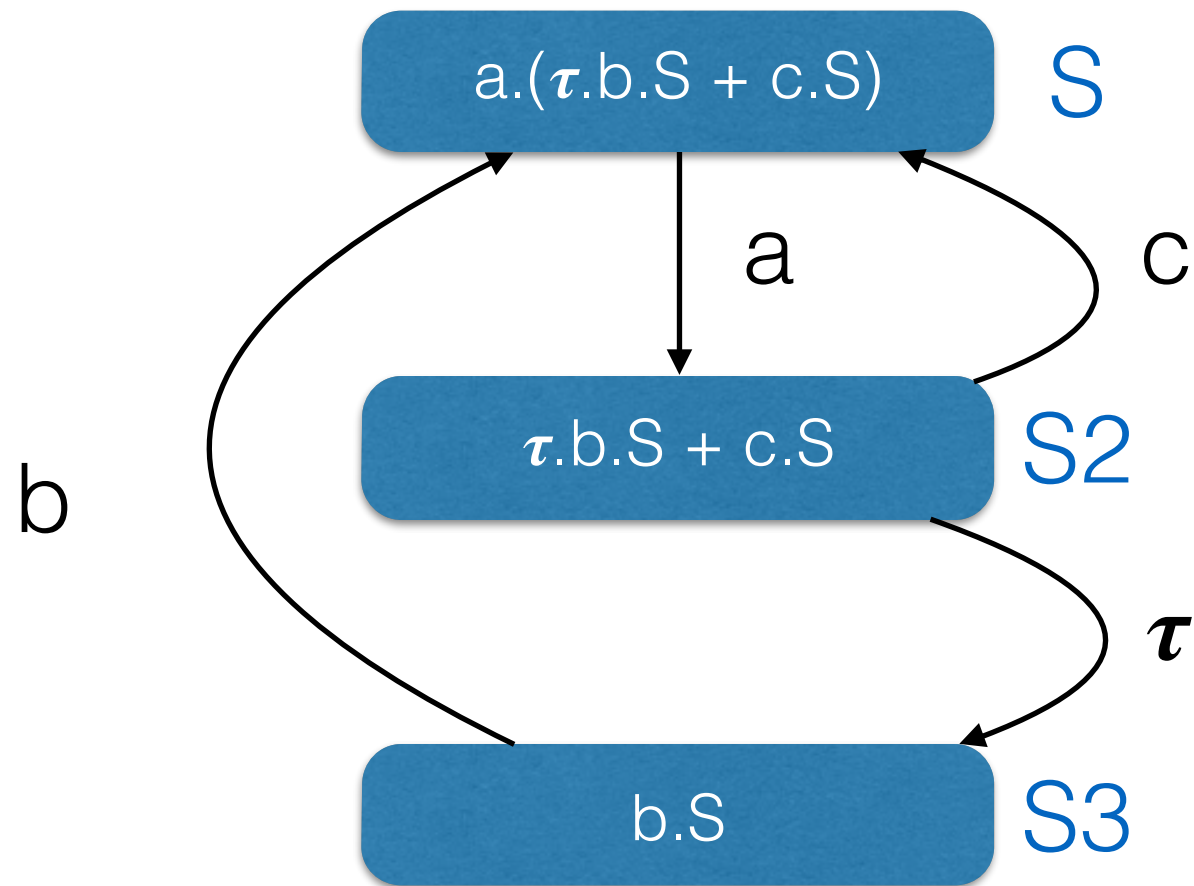
Task2

$$R := \tau.a.(b.R + c.R)$$



Task2

$$S := a.(\tau.b.S + c.S)$$





## Task3

- 1)  $P1 := a.P1 + s.P2$      $P2 := a.'a.P2 + s.P2$
- 2)  $P1 := a.'a.P1 + s.P2$      $P2 := a.'b.P2 + s.P1$
- 3)  $P1 := 'a.a.P1 + s.P2$      $P2 := a.'b.P3 + s.P2$   
 $P3 := a.'b.P4 + s.P2$      $P4 := a.'b.P1 + s.P2$