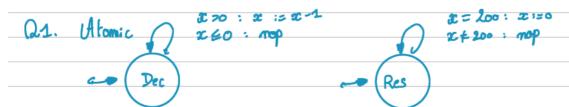
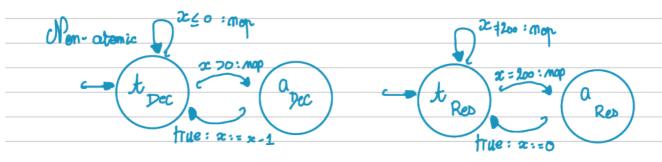
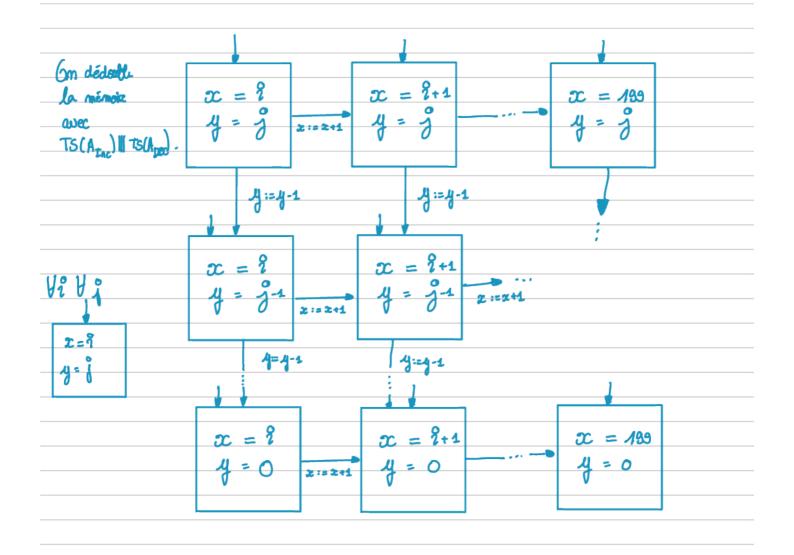
Modelling Concurrent Systems



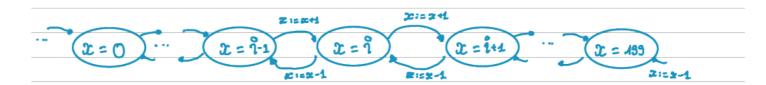




Q2. TS (A Inc) (1) TS (A Dec)



TS (A IN A Dec):



Q3. Les effets préservent l'invariant:

- pour x:=x+1 bi x < 200 et $0 \le x \le 900$ alors $0 \le x+1 \le 200$ pour x:=x-1 bi x > 0 et $0 \le x \le 900$ alors $0 \le x-1 \le 200$ pour x:=0 bi x=900 et $0 \le x \le 900$ alors $0 \le 0 \le 200$
- D'où l'invasiant est invariant.

Q. 4. x = 200, t_{Iac} , t_{Ros} , t_{Dec} x = 200, t_{Iac} , t_{Ros} , t_{Dec} x = 200, t_{Iac} , t_{Ros} , t_{Dec} x = 0, t_{Iac} , t_{Ros} , t_{Dec} x = 0, t_{Iac} , t_{Ros} , t_{Dec} x = -1, t_{Iac} , t_{Ros} , t_{Dec} Rateon on a costal important!

Exercise 2.

Q1.

