TD 2 Aef

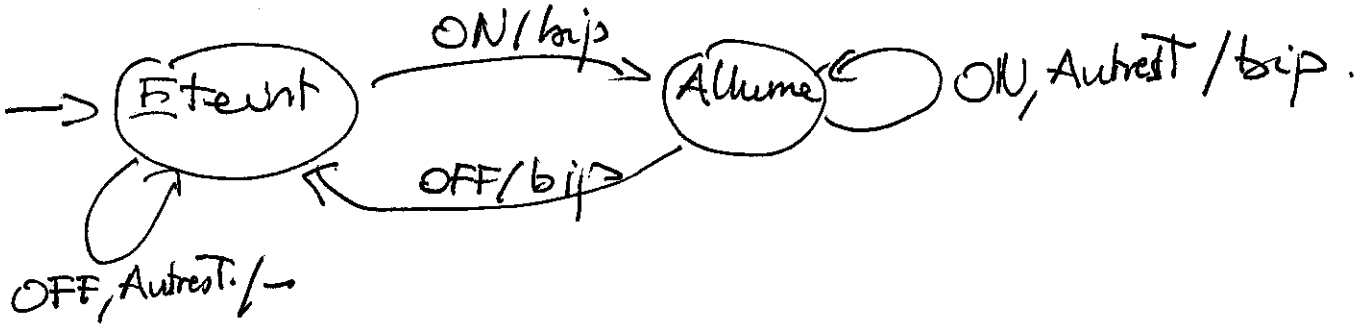
Ex4 Telephone

1) $\Sigma = \{ON, OFF, AutresTouches\}$.

$\Omega = \{bip\}$

$Q = \{Eteint, Allumé\}$

q_0 = Eteint

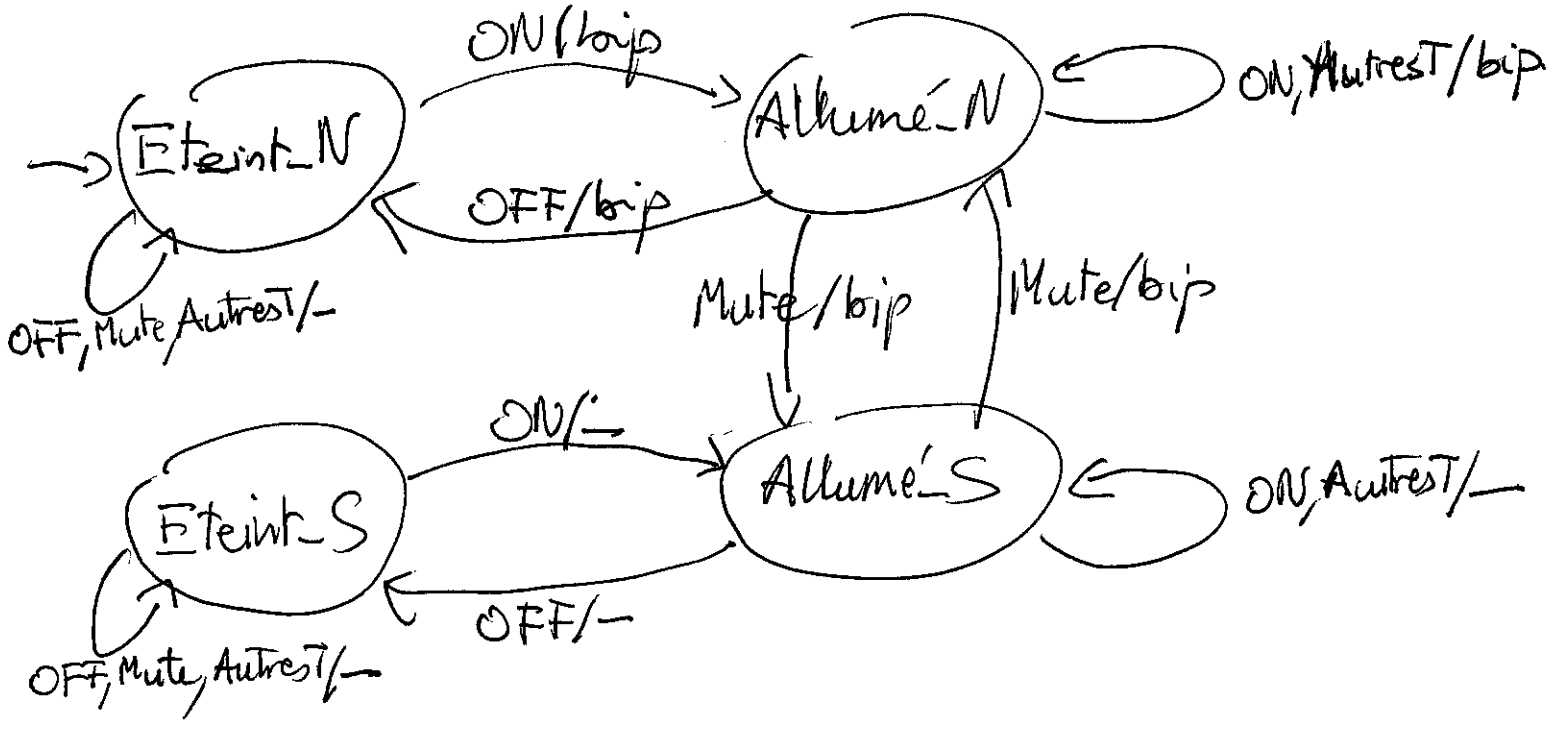


2) $\Sigma = \{ON, OFF, Mute, AutresTouches\}$.

$\Omega = \{bip\}$.

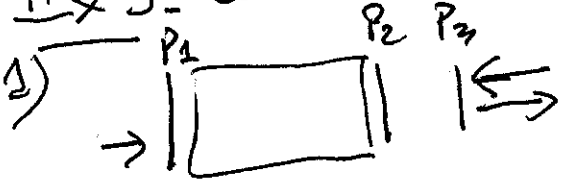
$Q = \{Eteint\_Normal, Allumé\_Normal, Eteint\_Silencieux, Allumé\_Sil...\}$

q_0 = Eteint_Normal



Ex5- Contrôle d'accès à une salle.

1)

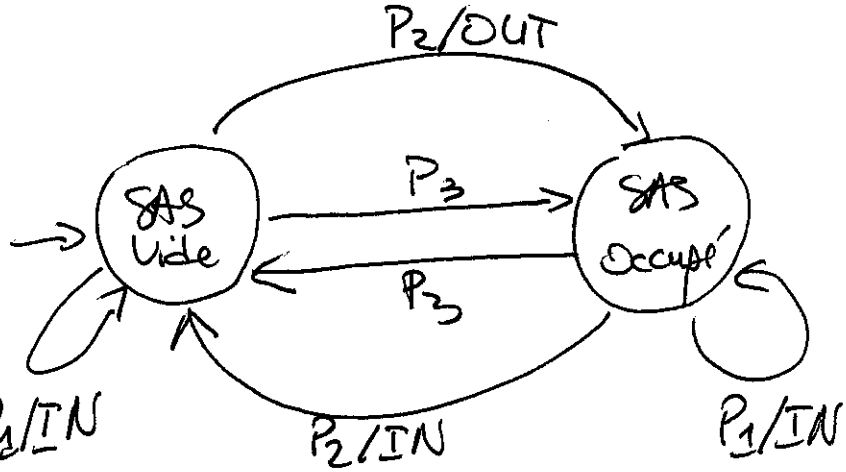


$\Sigma = \{P_1, P_2, P_3\}$.

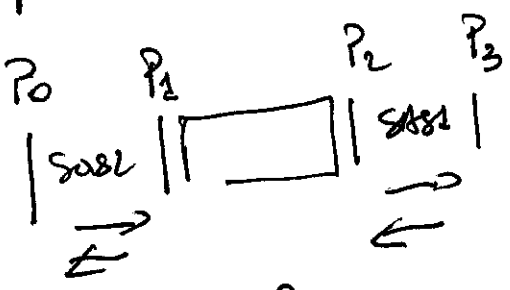
$\Omega = \{IN, OUT\}$.

$Q = \{SASVide, SASOccupé\}$.

q_0



2)

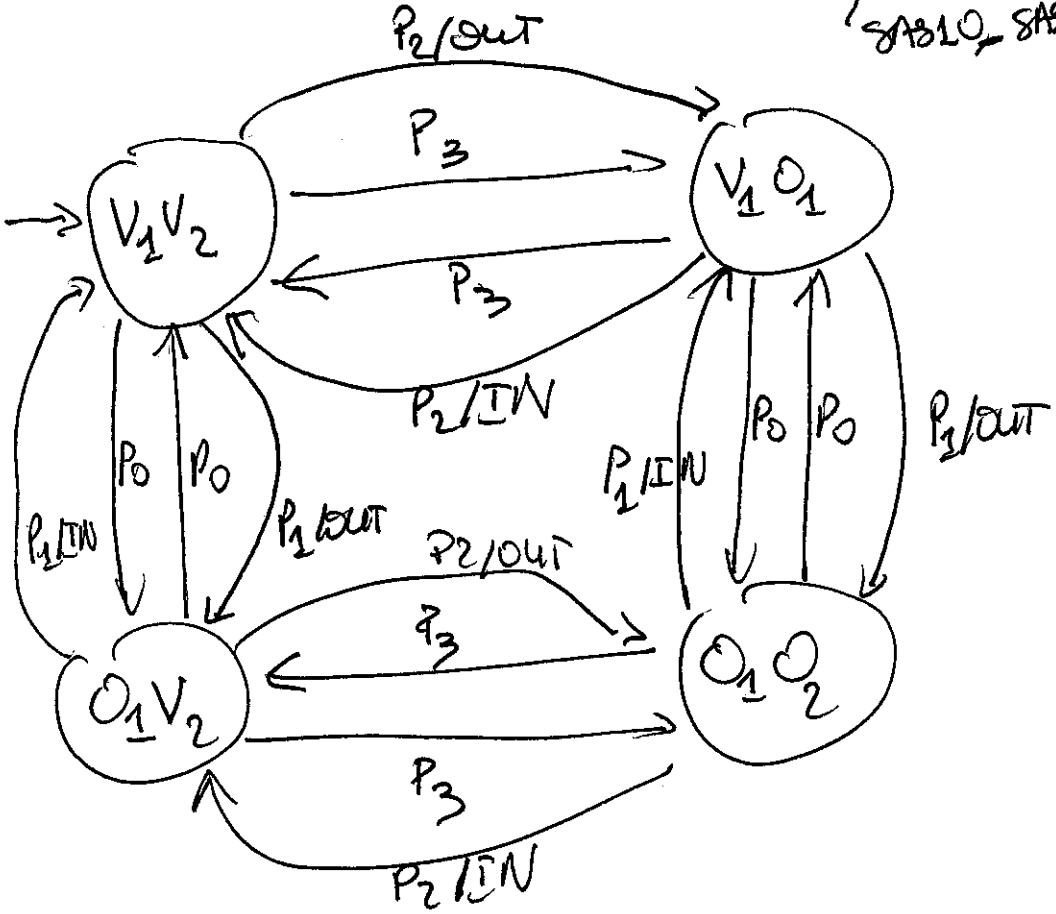


$\Sigma = \{P_0, P_1, P_2, P_3\}$.

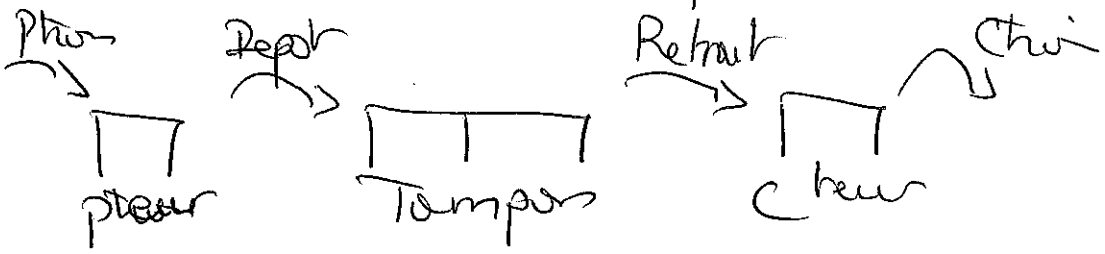
$\Omega = \{IN, OUT\}$

$Q = \{SAS1V\text{-}SAS2V, SAS1V\text{-}SAS2O, SAS1O\text{-}SAS2V, SAS1O\text{-}SAS2O\}$

q_0



Ex 6 $\langle$ Ptrav, Tampon, Ctrav $\rangle$



Etat ptrav : P_0 : en ptrav
P_1 : Attente Depose

Etat Ctrav : C_0 : Attente Retrait
C_1 : en Ctrav

Etat Tampon : T_0 : Tampon vide
T_1 : ——— 1 p'trav
T_2 : ——— 2 pièces.

$\Sigma = \{$ ptrav, Depot, Retrait, Ctrav $\}$.

$Q = \{ \langle 0, P_0, C_0 \rangle, \langle 0, P_1, C_0 \rangle, \langle 0, P_0, C_1 \rangle, \langle 0, P_1, C_1 \rangle,$
$\langle 1$ - - - - - - - -
$\langle 2$ - - - - - - - - $\}$ = 12 etats