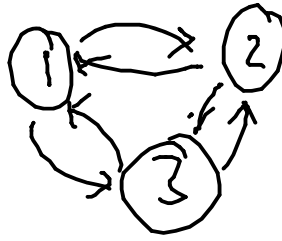


$$\pi Q = 0 \rightarrow [0 \ 0 \ 0]$$

Monday, November 02, 2015 11:55 AM

$$\pi \mathbf{1} = 1$$



$$\bar{\pi} = (\pi_1 \ \pi_2 \ \pi_3)$$

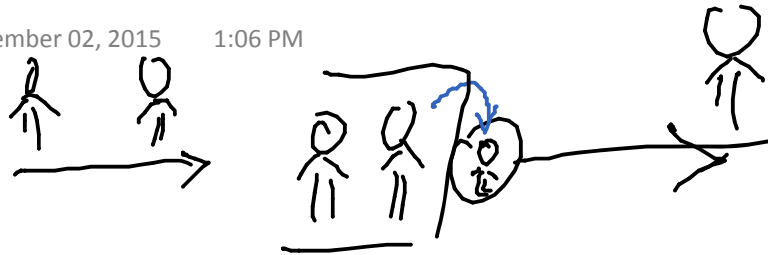
$$Q = \begin{bmatrix} x & x & y \\ x & x & x \\ x & x & x \end{bmatrix}$$

$$(\pi_1 \ \pi_2 \ \pi_3) \cdot \begin{bmatrix} 1 \\ 1 \\ 1 \end{bmatrix} = 1$$

$$(\pi_1 \ \pi_2 \ \pi_3) \begin{bmatrix} x & x & x \\ x & x & x \\ x & x & x \end{bmatrix} = [0 \ 0 \ 0] \leftarrow 3 \text{ equ.}$$

$$(\bar{\pi}_1 \ \bar{\pi}_2 \ \bar{\pi}_3) \begin{bmatrix} x & x & | \\ x & x & | \\ x & x & | \end{bmatrix} = [0 \ 0 \ 1] \leftarrow B$$

$$\begin{aligned} \bar{\pi} Q_m &= B \\ \bar{\pi} &= B \cdot Q_m^{-1} \end{aligned}$$



"wait"
"serve"
"left"

{ active event
passive @event

"wait" → "served"