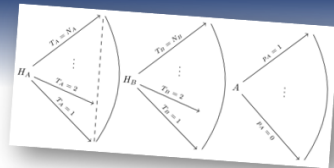
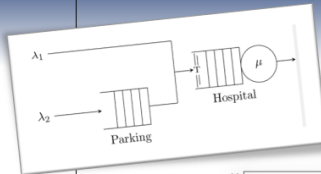


QUEUEING THEORY



λ = arrival rate
 μ = service rate

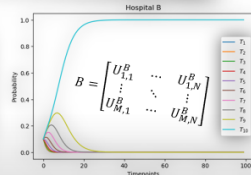
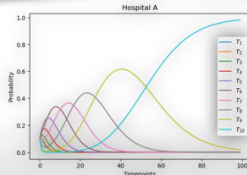
MY RESEARCH



GAME THEORY

$$A = \begin{bmatrix} 0 & -1 & 1 \\ 1 & 0 & -1 \\ -1 & 1 & 0 \end{bmatrix} \quad B = \begin{bmatrix} 0 & 1 & -1 \\ -1 & 0 & 1 \\ 1 & -1 & 0 \end{bmatrix}$$

$$A = \begin{bmatrix} U_{1,1}^A & \dots & U_{1,N}^A \\ \vdots & & \vdots \\ U_{M,1}^A & \dots & U_{M,N}^A \end{bmatrix}$$

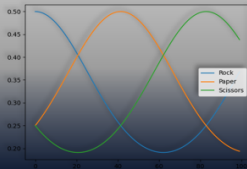


Nash Equilibrium

$$\sigma_A = \left(\frac{1}{3}, \frac{1}{3}, \frac{1}{3} \right)$$

$$\sigma_B = \left(\frac{1}{3}, \frac{1}{3}, \frac{1}{3} \right)$$

Learning Algorithm



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WORKFORCE
BEHAVIOURS IN
HEALTHCARE SYSTEMS

Michalis Panayides