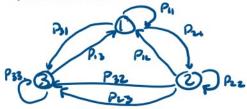
Markov Chains, Google Page Rank

April 12, 2020 12:31 AM





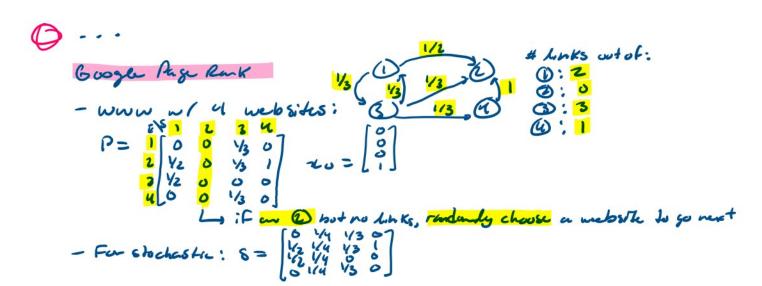
- Let zni = probab. Lity of being at state i at then - 05 xni 51 3 xm. + xnz + xn3 = 1

Find State of system at time not zeno

$$x_{n+1} = \begin{bmatrix} x_{n+1}, & 1 \\ x_{n+2}, & z \\ \vdots & \ddots & \vdots \\ x_{n+3}, & 3 \end{bmatrix} = \begin{bmatrix} \rho_{i1} & \ddots & \vdots \\ \vdots & \ddots & \vdots \\ (..., \rho_{33}) \end{bmatrix} x_n$$

La stochastic mutices

ex. Find Steady state of system (at co time steps) of system



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