

Oct 1, 2014

Note Title

8/28/2014

- Network Traffic

+ λ arrival rate

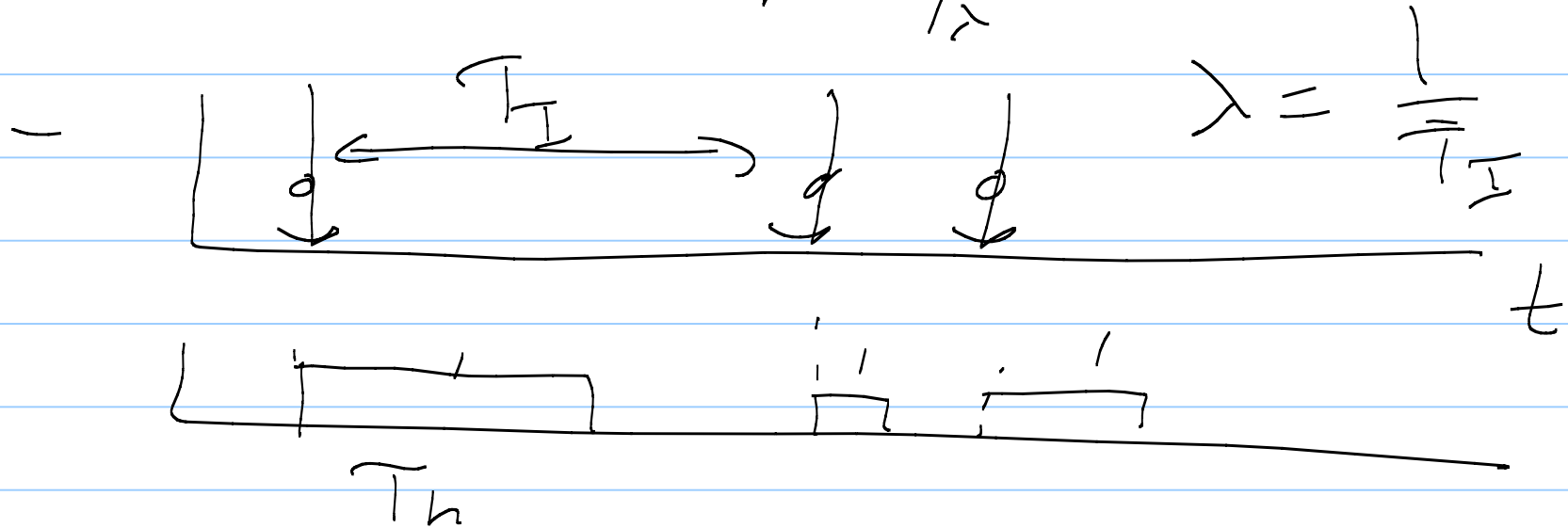
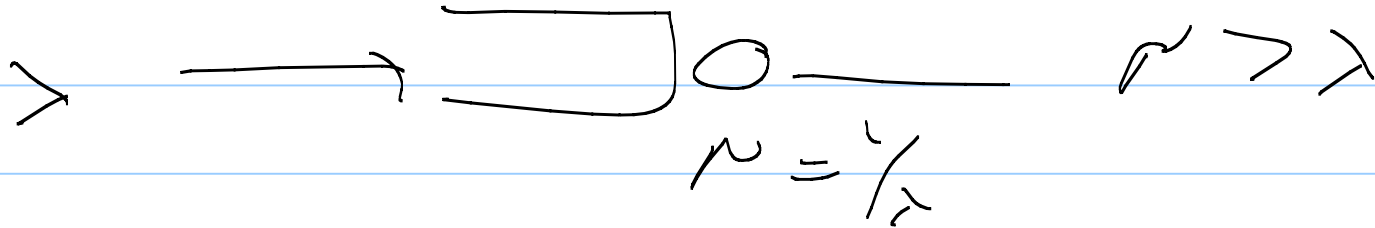
+ \bar{T}_h = Ave holding time

[Cloning time = λ/c]

+ Service rate = $\lambda/\bar{T}_h = \rho$

+ Load = $\rho = \lambda \bar{T}_h$ (~~is~~ Erlangs)
= λ/c

One Server



T_I & T_h are random, iid

One voice call \rightarrow talkspurt / silence
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