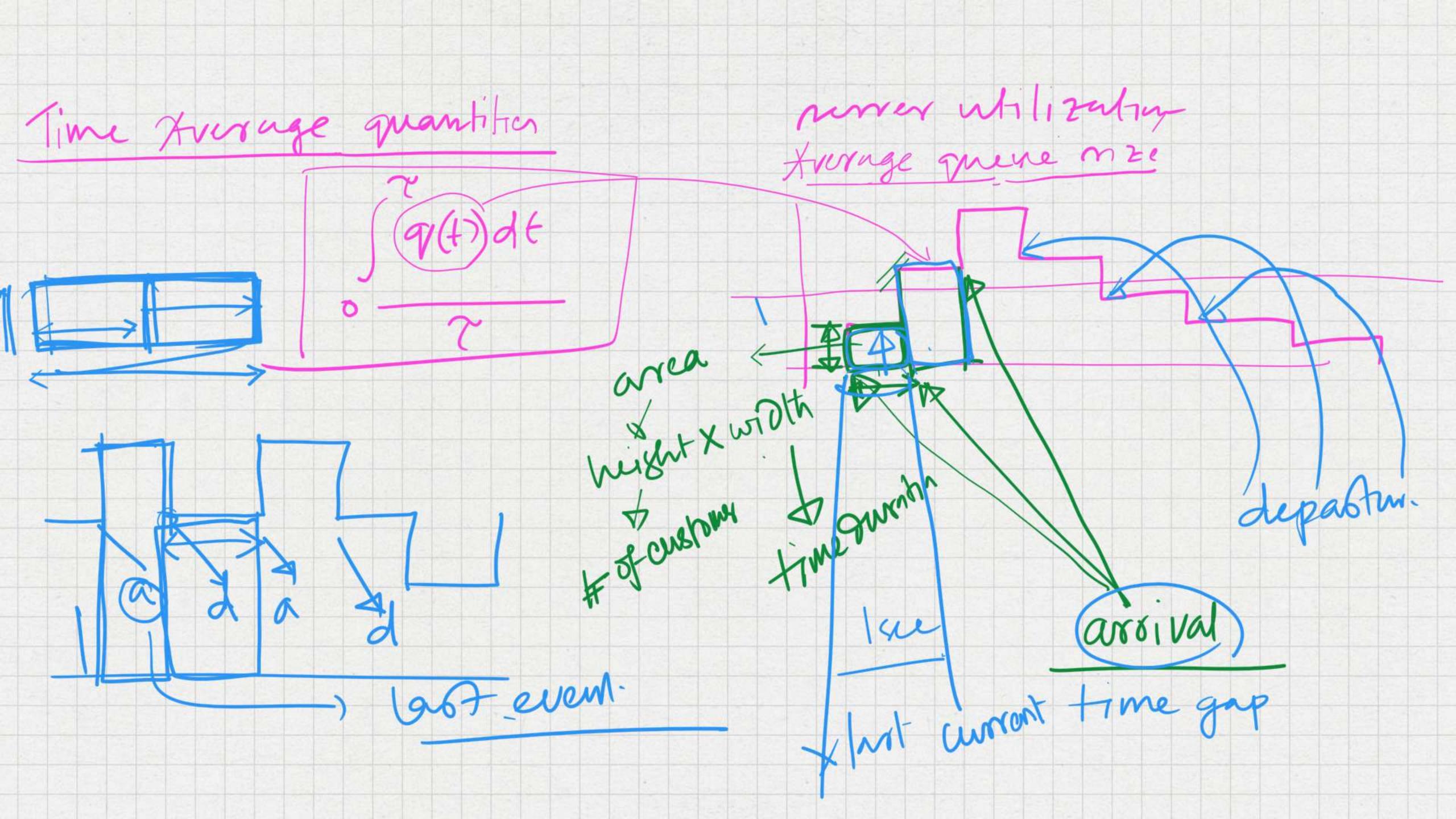
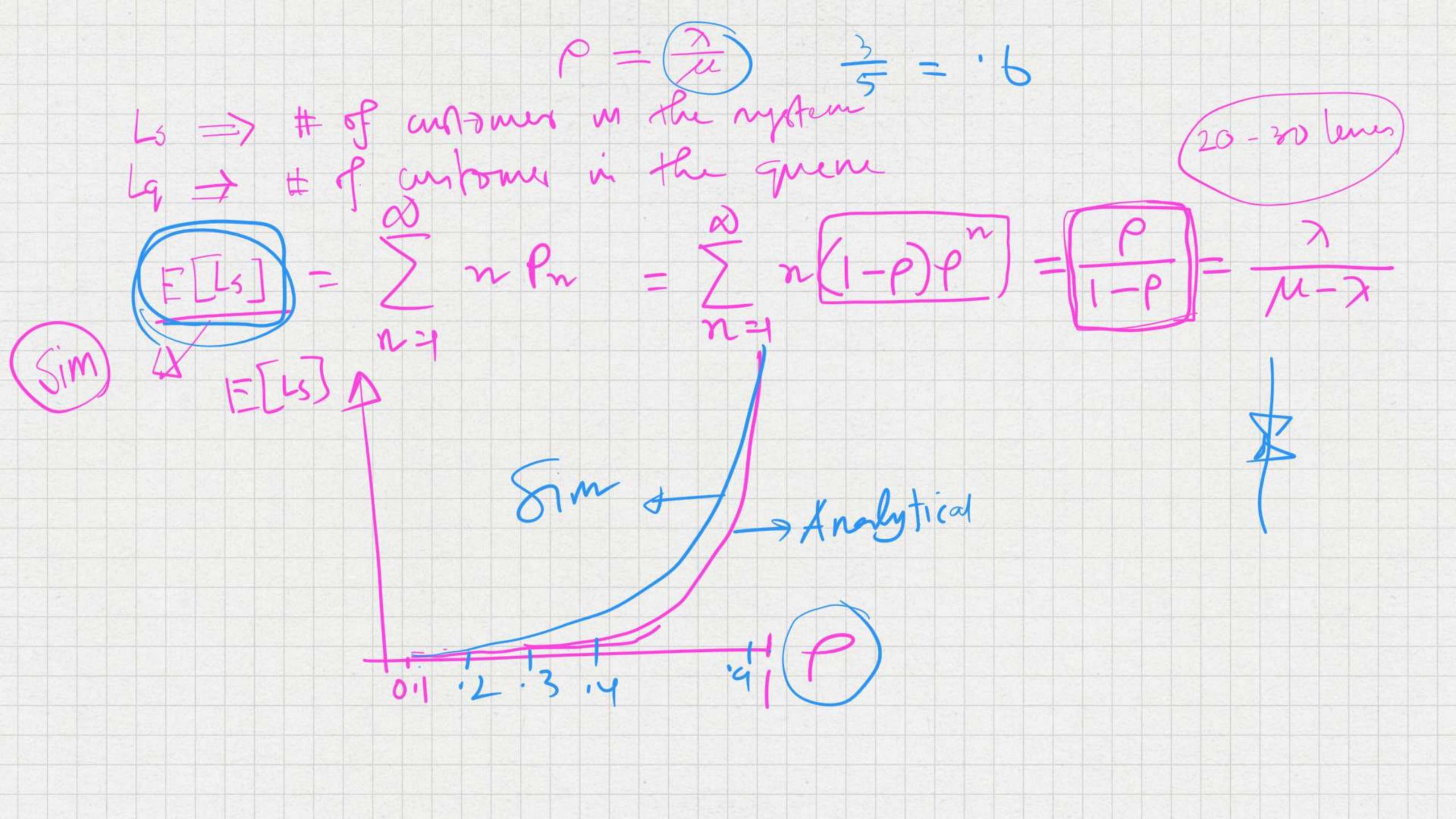
Lab Experiment 1 Knowshoul Pur romance metoics Job Average metrics Purprimance Analyms of a Single server queneing system x xverage queueing detay w Average so owen/nystem time, # at jobs/cutomers quene [enter teare] total delay yestem pur system quene system Commo System

Ang greening delay + Ang service Inne Avg nour ny time Somie Scower



Surver time avernge update Stat () 5) timelantevent event Handlox() Donste Puration sine LE; (duration SincelE =) Scheduls::nmc)
— timelast Event; timelast Event = Sælvanter:: nowu; (area Drew) agrea Quene: (+=) arca System -

Scover Utilization Quene Delay-Mand System Delany quenetilary-Indonenine Delay +



$$E[ln] = \sum_{n=1}^{\infty} (n-1) P_n = \frac{p^n}{1-p} = \frac{n}{\mu(\mu-n)}$$

gnewy delay Job average T3 = 1 (M-X) + 1 M