

Load = Throughput . Response Time Throughput is inverse Response Time per Load 7 (X) = 7 N-XR Little's Law

$$X[N] = \frac{\lambda^2}{1 + \alpha(N-1) + \lambda(N-1)B}$$

$$X[w] = \frac{\lambda^2}{(+\alpha(\lambda-i)+\lambda(\lambda-i))}$$

$$p[x] = \frac{\lambda^2}{(+\alpha(\lambda-i)+\lambda(\lambda-i))}$$

R[N]=

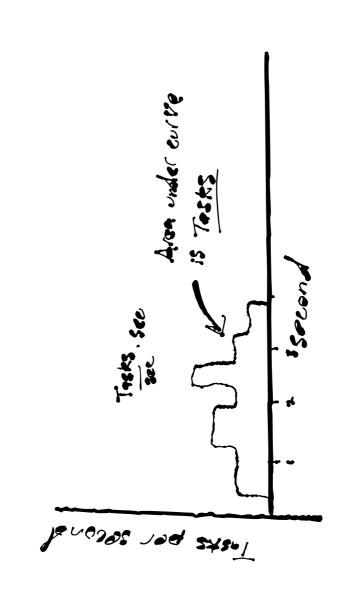
X[N*] is now thoushout

is efficiency

X[w]X

Little's LAW

* Lond is the number of tasks * Throught is tasks per time r Load = Throughput. Response Time アニス・ア Throughout per task is invarse Rosponse Time 1 = (X) = 1 = 1



Double Throughout A Freshere Single Transhort Ing & Sue 17

Volume is work performed - Tasks 7.65.45 Time . Three d

* Load
* Response Time 4s one metrie: * Utilization * Throughput Tarangh part Reporting Reformance

-| R drea is total work over time Throughput Time 2