Computer System Modelling P997 Di V_i Si 2000 IML 10 2.5 ms 25ms DI 10ms 50 ms DZ 2 50 ms 100 ms **D3** 20m 40 ms bottlenet is DZ.
max throughput 10 trans/sec Dav = 215m'a 54ms Dman = 100 ms balanced systems Opt = 4 devices D=54ms 1/9 huns/see Pess z 3 devices D = 100mg 10 marssec X = N N+K+1 x 5 D.X.(N+K+1) = N DX (K+1) = N(1-DX) $\frac{\partial X (K+1)}{1-DX}$ → N= .378 (3) 2 (= Opt K=4, XD = .378 Tress K=3, XD= .7 $\frac{7}{10}N = \frac{.7(2)}{.3} 24\frac{1}{2}$ between It and 4t (Pers is very pessionitie)