Polsion & Exponential λ = 1/mean interarrival U= 1/ mean service = X/W 9) Idle = Po = 1-7 PnzPo(Pn) 6) Ls = x/(u-x) Las = P.Ls Ws = 1/(W-X) Wa = f. La

Exponential & UNCorn I = 1/ mean interarrived F= (b-a)2/12 Idle = Po = 1 - P Pn = Po(Pn) DLa = 1202+ p2 War = Lay/x Ws = War + 1 Ls = N.Ws

Gamma & Normal 0/9/1 DX = 1/mean interemived (3) H = 1/mean service 3) va = Arrivat Variance Dos = Service Varionce 6) Ca = 02/(1/x)2 6 Cs = Us / (1/M)2 ヨ ナー >/か (8) Idle = Po = 1 - P 9 La = P2(1+C3)(Ca+P2C3) (0) Waz La/x. D Ws = Way + // 1.

(12) Ls = 1.Ws

Exponential & Uniform 1 = 1/mean interarrival a+6  $= (b-a)^2/12$ 2 Cs = Os / (1/u)2 7 = 1/(CM) FOR (M/M/c) Limino = Po (x/u) P 1 60 m Po = cf) m + (cf) -MED for c=2 Po = [(2)(+)]°+[(2)(+)]']+(2+)c

