

9/02

let B1, B2 - - ind Bem(P)

Possibly an infinite sequence of ild W's

let X = # of Zero realization before the first realization of one-

also, X == min { t= Bt = 13 -1

P(0)=P(x=0)=P({no o's,justa13})=P

P(1) = P(X=1) P(20, Thena 13) = (1-P)P

P(2) = P(X-2) = P(E0,0,0,13)= (1-p)2P

P(X)=P(X=X)=P(80101-113)=(1-P)XP

X r beam (P) = (1-P) x P 1 x = {0,1,2,--3

XVX2 lid beamle), T2 = 1/4 1/2 ~ F(t) = ?

P(t) = E pold(x) pold(t-x) 1 t-x esupp(x) =

= E (1-p) x p (1-p) t-x p1 t-x e so, v-3 x-te so, -1-2-1

= (1-P) t p2 & 1 x = 2 t > t - 1, -3 x = 2 t > t - 1, -3





