

F1/1018 3 2 2 2000) Consider B, B2 -- Bern (p) let- X = min } Bt = 1}-X ~ Geometrie = ((-p)p, Supp[X]=30,1,2... = (No P(x=2)=(1-p)p P(N)= P(X=X) = (1-p)XP T2 = X, + X2 ~ P(+) = Px(x) * Px(x) = > Px, P(+-x) = X sup[x,] = $\sum_{x \in \{0,1\}} (i-p)^{x} p (i-p)^{t-x} \frac{1}{p}$ $X \in [0,1-]$ $\xi = t+1$ $\xi = t+1$ = (++1) (1-p) p2



Sypt of [72] = }0,1,---}



$$T_{3} = X_{1} + X_{2} + X_{3} = X_{3} + T_{2} \sim p(t) = x_{3}(x) + p(x)$$

$$= \sum_{X \in P} |x_{3}| \times p(t-x)$$

$$= \sum_{X \in P} |x_{3}$$



