MSAI-Probability -9

E(x)

 $E(x^2) - (E(x))^2 = Var(x)$

Eldt ctx

E(x)

M(4) = ((1-p+pet) dp = 1 et. Problem: x ~ Bin(n, P) M (+) = (1-p+p.c+) Bin(n,p) = p(x/n,p) p(x)-7 p(x) = [p(x | p) 1.dp 1 1 m P(x,p)=p(x/p) P(p) Tribilecom n-fixed

(+) M x - Uni ((0))

M= (7) = H x, y -inde E(e+x)·圧(物です)上八水(+)·八水(+) +1m, (+1"h r Æ(etx.ety b(x, 4)=