

- let . # = { ..., n } w/ muforan prob 一 (1) 2 = 1 (1- \$6.41) 2 = 2 Z (1+ mode) 2 = VANCON DESIGNATIONS = = = (= = (= +1) (m+1) = = = = (= +1) (for 2/n) = # tana+ tan - let Y = {0, ..., m} -= == == Z (y-avg(y)) = var (y) = inn2 + ton -> 9 = HAMAGARE Z. G., &, 32 x m(y) = 12n. 6 20 x 1 - 52 = 12 + 6n

Let
$$X = \{0, \dots, 0\}$$
 in $X = \{0, \dots, 0\}$ is $X = \{0, \dots, \infty\}$ is $\{0, \dots,$

assure X, Y M sidependent IN ME (x+ y) MAN: = the Soul (xx (xx) tx (xx) tx day = \$ (Sx 8x(x) 8x(x) dx + Sy 6x(x) 6x(v) day dy = ofy(2) fortal = fx(4) Sxfx(x) mx = fx(2) · ux Sux fx(y) di + Sy fx(y) dy = I fy (y) (ux + y) dy 2 MX + MX E[x" - M] = Sxy bx (x) fy (y) dady = Sy (Sx bx (x) du) dy
- ux ux