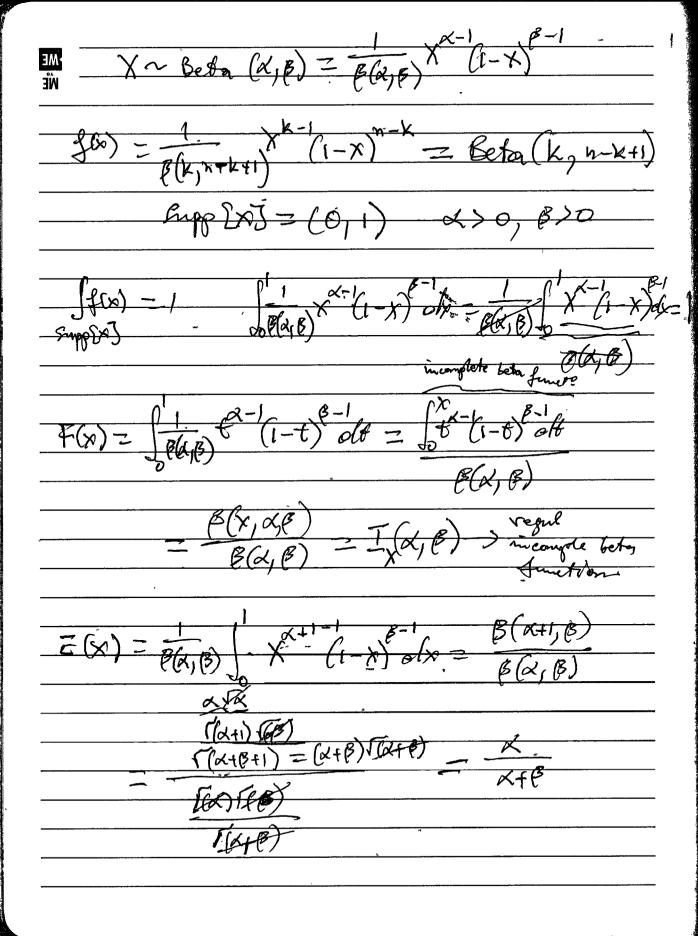
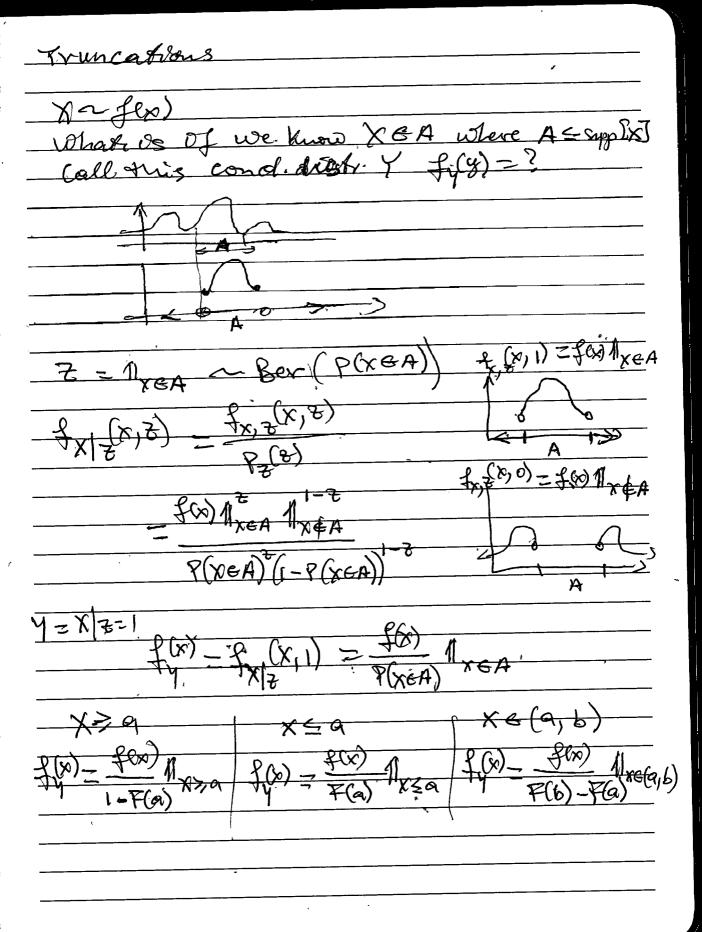
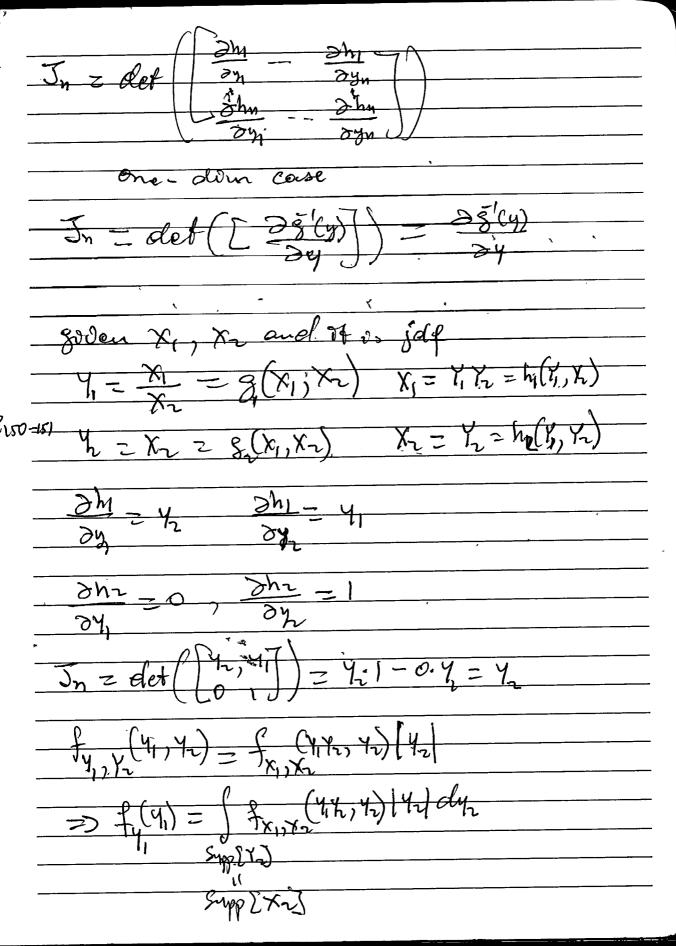
10/19/17 Statisties-0.5 K(x)dx=





XCZ EXP be a Vector V.V with If f(x) = fx, --x (x1, -, xn) fond = (5) = fy - (4, --, 4n) 1, = S, (X1, --, Xn) Sonce g 5 s 1-1 3 h, -, hm X= h, (21) -> /m) X2 = h2(81, ---) /n) Ju (41, -- 4n)



If X1, X2 are independent and position, X = f(4x2) (x2) dx2 Given N, X and His Jolf X1 -2 8(x, X2) = 1/2=h,(4,42 X1+x2=93(x1, x2) X2=12-1, Y2= h2(4, 1/2) = 42 7 34 2 4, (4,42,42 (1-4) fx1, 42 (4142) 426 [xz]

If I, I'm are independent and possible
\$\(\frac{1}{4}\) = \(\frac{1}{2} \frac{1}
Supp E You
X, ~ Gamaa (X, 1) mid of X~ Gamaa (P, 1)
1 = 11 2 + 12
Supp [4] = (0,1)
Supp 2 4 - J = (0, 00)
4 708