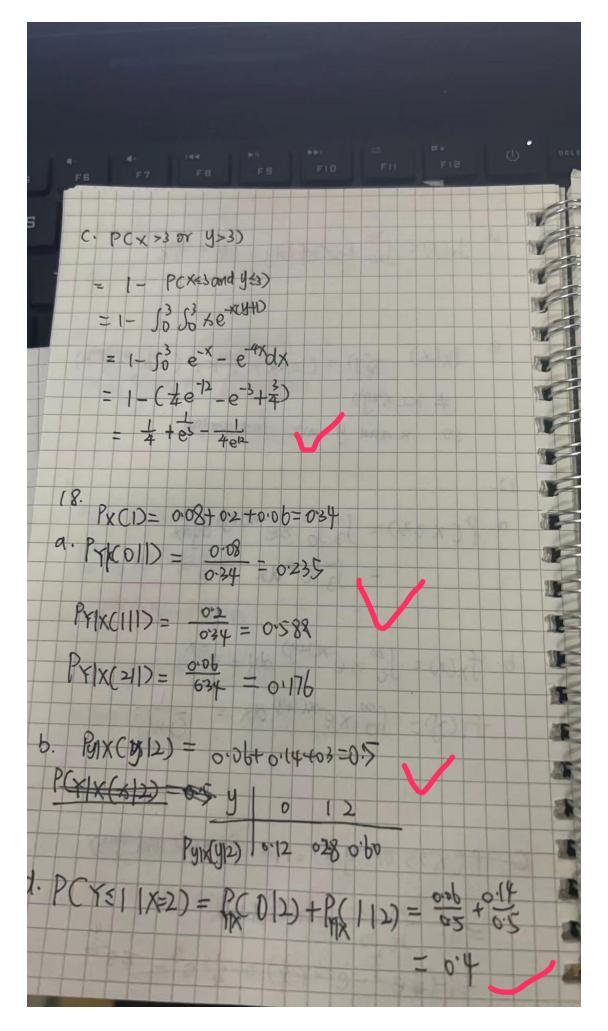




of
$$J_{X}(X) = \int_{30}^{30} k(x^{2}+y^{2}) dy = ldx^{2} + \frac{1}{100} k$$

e. $J_{X}(X) = J_{10}(X) = (10kx^{2} + \frac{1}{100}k) \cdot (10ky^{2} + \frac{1}{100}k)$
 $J_{X}(X) = J_{10}(X) = (10kx^{2} + \frac{1}{100}k) \cdot (10ky^{2} + \frac{1}{100}k)$
 $J_{X}(X) = J_{10}(X) = J_{10}($







GELETE - M PATES
d.
x 0 1 2
Pxy(x)) 0.056 01579 0.7895
29
$0. \int Y x (y x) = \frac{ \langle x^2 + y^2 \rangle}{ \langle x^2 + y^2 \rangle} $ $\int x x (x y) = \frac{ \langle x^2 + y^2 \rangle}{ \langle x^2 + y^2 \rangle} $
6. PC (325 X=22) = 525 fr/x (y/22) dy
= 30 10kx(xx) + 1300/ = 0, 2 x/
PCY725)= 50 50 KCA+f)dxdy= 0549
C. E (7 (K=22) = 530 y. K(22+43) (0K22+500)
T(>1 x=>2) = (30 y2 - (22 +4) dy = 652.47
VCY (X=22) = E(Y2 (X=22) - (E(Y (X=2)) = 8.29



