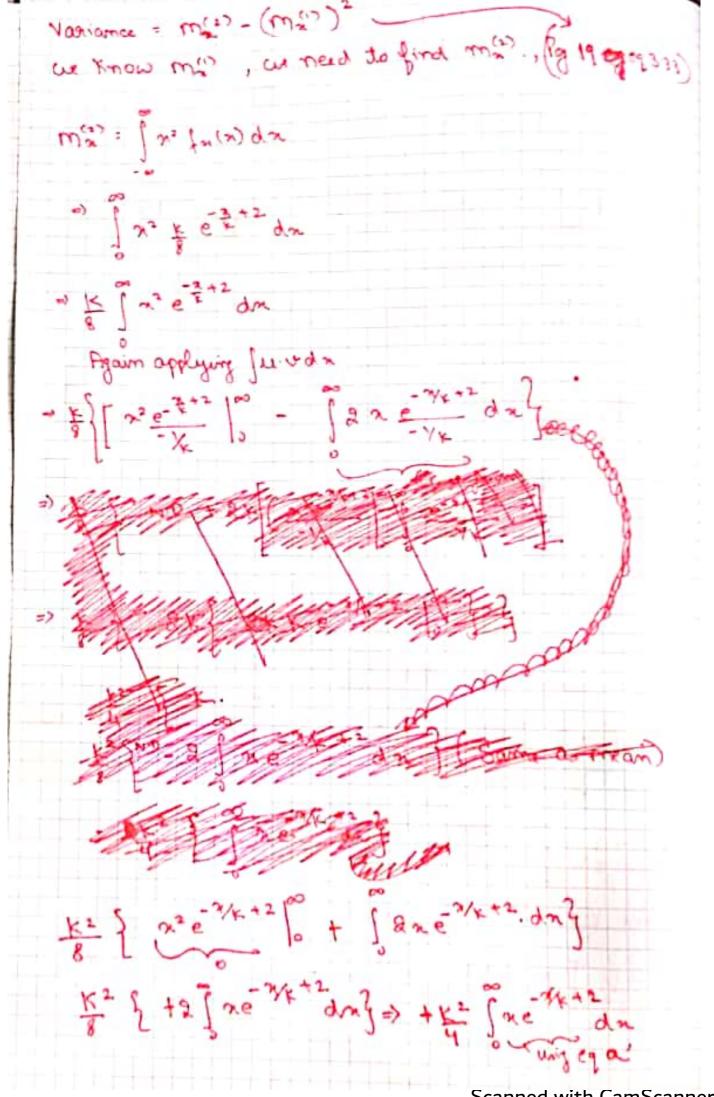


we know that min = Info(x) dn or Ketta => K [ [n. e 2 12] dn => & Maing Juvan = ufvan - Jui Juan 7 x. Se = dx - [1. Je + dx K [ N. 6 x + 2 ] ~ - [ e - 1/2 dx] + x [ e-1/2] 00 } # - 1c 2 (-e2)} -E [ 10 6, E3] = K36 2 ANS substitute values of kie (852, -252) (212) = 2 12 of for major & we have man equals - 252

Scanned with CamScanner



Scanned with CamScanner

Variance = 
$$m_{12}^{(2)} - (m_{12}^{(1)})^2$$

=>  $\frac{16}{8}$ 

Variance =  $m_{12}^{(2)} - (m_{12}^{(1)})^2$ 

=>  $\frac{16}{8}$ 

Probability  $\{-1 \le 1/x > < 2\}$ 

=>  $\frac{1}{8}$ 
 $\{-1 \le 1/x > < 2\}$ 

=>  $\frac{1}{8}$ 

=>  $\frac{1}{$