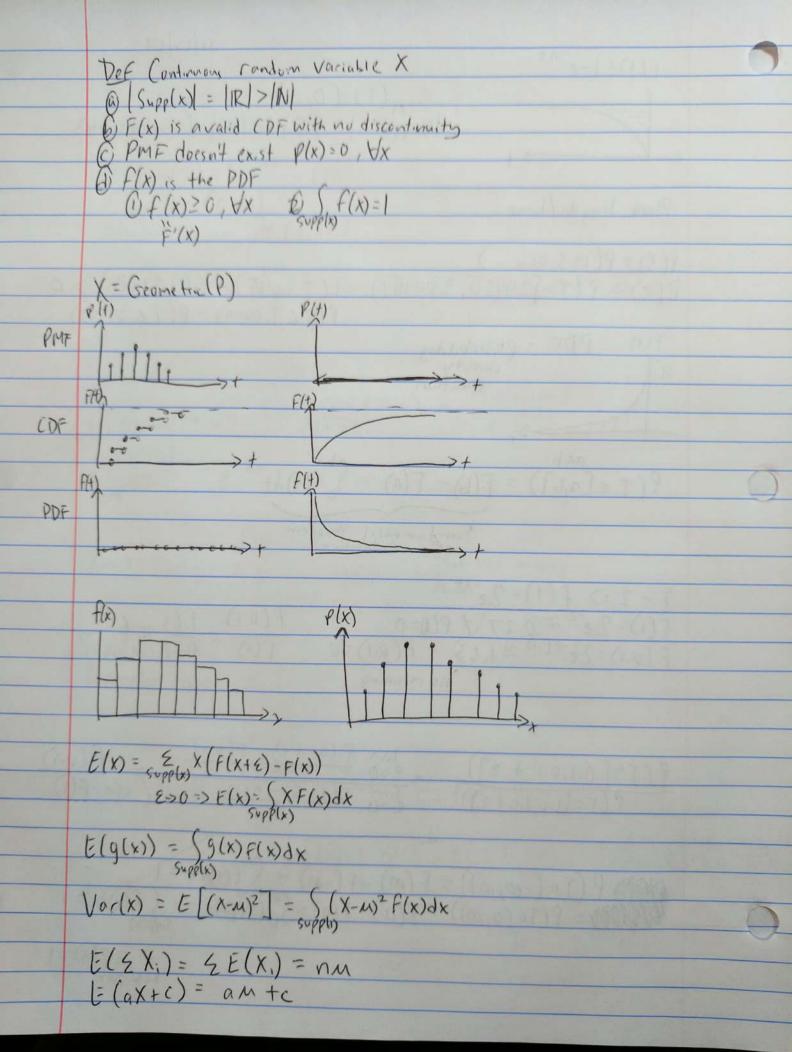


 $P(Te(-\omega, \omega)) = F(\omega) - F(-\omega) = \int_{0}^{\infty} f(t)dt = 1$   $P(Te(0, \omega)) = F(\omega) - F(0) = \int_{0}^{\infty} f(t)dt = 1$  Supplx Supplx

ZP(x)=1



Vor 
$$(2X)$$
 =  $2 \text{Var}(X)$  =  $n\sigma^2$ 

Var  $(aX+c)$  =  $a^2\sigma^2$ 

SE  $(aX+c)$  =  $|a|\sigma$ 

X ~ Exp  $(a)$  =  $2 \text{Var}(X)$  =  $2 \text{Var}$