

a) (630 Continuo 2 7 For 2 dia Interior 100
$$g(x) = \int_{0}^{\infty} f(x,y) dy + \int_{0}^{\infty} f(x+\lambda y) dy + \int_{$$

6)
$$|x = \int_{0}^{\infty} x \cdot (\frac{1}{3}(x+1) = \frac{1}{3}\int_{0}^{3} x^{3}x dx + \frac{1}{3} + \frac{1}{3}\int_{0}^{3} \frac{1}{3}\int_{0}^{3} \frac{1}{3} + \frac{1}{3}\int_{0}^{3} \frac{1}{3}\int_{0}^{3}\frac{1}{3}\int_{0}^{3$$



$$\frac{e}{3} \int_{3}^{1} \frac{1}{x^{2}} \frac{1}{y^{2}} \frac{1}{y^{2}$$

1) Media =
$$\frac{1}{N}\sum_{i=1}^{N}X_{i}$$

Evar $(\frac{1}{N}\sum_{i=1}^{N}X_{i})^{2}$
Coso base $N=\lambda$
 $Vor\left(\frac{X_{1}+X_{2}}{\lambda}\right)=\left[\frac{1}{2}\right]^{Vor}\left(X_{1}+X_{2}\right)$
 $E\left[\left(\frac{X_{1}+X_{2}}{\lambda}-E\left[\frac{X_{1}+X_{2}}{\lambda}\right]\right)^{2}\right]$
 $E\left[\left(\frac{X_{1}-E\left(\frac{X_{1}}{\lambda}\right)^{2}+X_{2}-E\left(\frac{X_{2}}{\lambda}\right)\right)^{2}+\lambda}{\left(\frac{X_{1}-E\left[\frac{X_{1}}{\lambda}\right]}{\lambda}+\lambda\cos\left(\frac{X_{1}+X_{2}}{\lambda}\right)}\right]$
 $Var\left(\frac{X_{1}+V_{2}}{\lambda}\right)=Var\left(\frac{X_{2}}{\lambda}\right)+\lambda\cos\left(\frac{X_{1},X_{2}}{\lambda}\right)$
 $Var\left(\frac{X_{1}+V_{2}}{\lambda}\right)=Var\left(\frac{X_{1}}{\lambda}\right)+\lambda\cos\left(\frac{X_{1}}{\lambda}\right)+\lambda\cos\left(\frac{X_{1}}{\lambda}\right)$
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 $Var\left(\frac{X_{1}+V$

War (X) + 2 2 (01 (X), X))