Olya	
9/18	CONTINUOUS CV.'S ISUPPEX31= IRI => p(x)=0
	P(X=X)=0
	$f_{x}(x) := f'_{x}(x)$
	Probability pensity Function $P(X \in [a,b]) = F(b) - F(a) \xrightarrow{by \ f(x)} f(x) \ dx$
	$P(X \in [a,b]) = F(b) - F(a) \xrightarrow{by \in TC} \int_{a} f(x) dx$
	Properties of PDF:
	· JB t(x) qx=1 > F(00)-E(-00) =1-0=1
	• $f(x) \ge 0$ because F is monotonically increasing.
	Supplied = {x: t(x)>0} - all places the density is positive
	V was as a proper of the property of the property of the state of the
	$X \sim \text{Exp}(X) := Xe^{-XX} 1_{X \geq 0}$ exponential r.v. $t(X)$
	A CONTRACTOR OF THE PROPERTY O
	$\lambda \in (O, \infty)$ $a = [O, \infty)$
	Another continuous r.v.: X ~ U(a,b) = 5-a 1xe[a,b]
	supp[x]=[0,6]
	perameter space: a, b & R but b>a
	X~U(0,1) = 1 xe[0,1] "standard uniform"
	the second and the se
	= it has a joint density function (JDF)
	$ f(x)  = f^{x_1}(x_1) \cdots f^{x_n}(x_n) = f(x_n) \cdots f(x_n)$
	$\int \dots \int f^{\chi_1} \dots \chi^{\chi_r} (\chi^r \dots \chi^r) d\chi^r \dots d\chi^r = 1$
	The second of th
	P(X'EA) = \( \int \int \frac{1}{2} 1
	The way of the last of the second of the sec
	Expression on President on Cold at 1
4.4	A MARGONIA (Algorithm / Command of the state of the
20	A MARGORAN CREEKE A LANGE AND A STATE OF THE



