Lec 18.

11/	17/2016						
	FMF	PDF	CDF		TXJ \ISI	TEXTYP	
Disclete	P(x)czo.1) Epoxel (CSupp(x)	not exist	exises	(ESUPPO) Z	(x-w2-Ply)	ZINI	
		0			2.6	112)	
Continues	inot exist	J449710	exist	Jx Hxxlx GyPTX)	J (xu²)f(xu	XIII	
		suppos					
Dischete	Quantile [X.P]						
	mm {X:}	(X)7/1 P 5					
Continues	X S.T., 7(X)=P						
		$X = T^{-1}(P)$					
		×2	AL.	12 N T	1		
	EX: 大(X)= 方;				4		
	a) f(x) 70 7	1 25 t, ex	をおり	V			
	b) f(x) d(x=	(=)][京元(2 dx:	=1 => JIR			
	let $n = \frac{1}{2}$	let n= = X=7 n= X2, dn= = dx= > dx = Tzdn					
	fe-n2 /2 dn= /27=> fe-n2 dn= /2= (fe-n2dn)2= /2=)						
	Jenzdnsen V-rz, dv=	2 dm=7 =7 fe	-x2/xs	-42 dy = 7	=> Se	o te	
	V=12, dv=	2/dV=>d	V = Valn=	2 Se-roly	ニュニ	N .	

TeV700=e-him eV=1 V this 35 PDF. 1 Z~N(0,1) = f(x) = fix ex Stundfand normal r.v", " bell curve" "Granssian v.v" This is one case of the general woman list letu= = zdu zxdx == (hm e 2 hm e 2) 20=> MZD. VOV [2] = E [2] = [x = [2] e = d/(2 (work) 2) May integration by pare 62 = 621 DF(X)= Af(X)clx+(= = = dx+c not possible. that hell 21, showe the bell 35 symmetrical, at con the acpt = 5.



