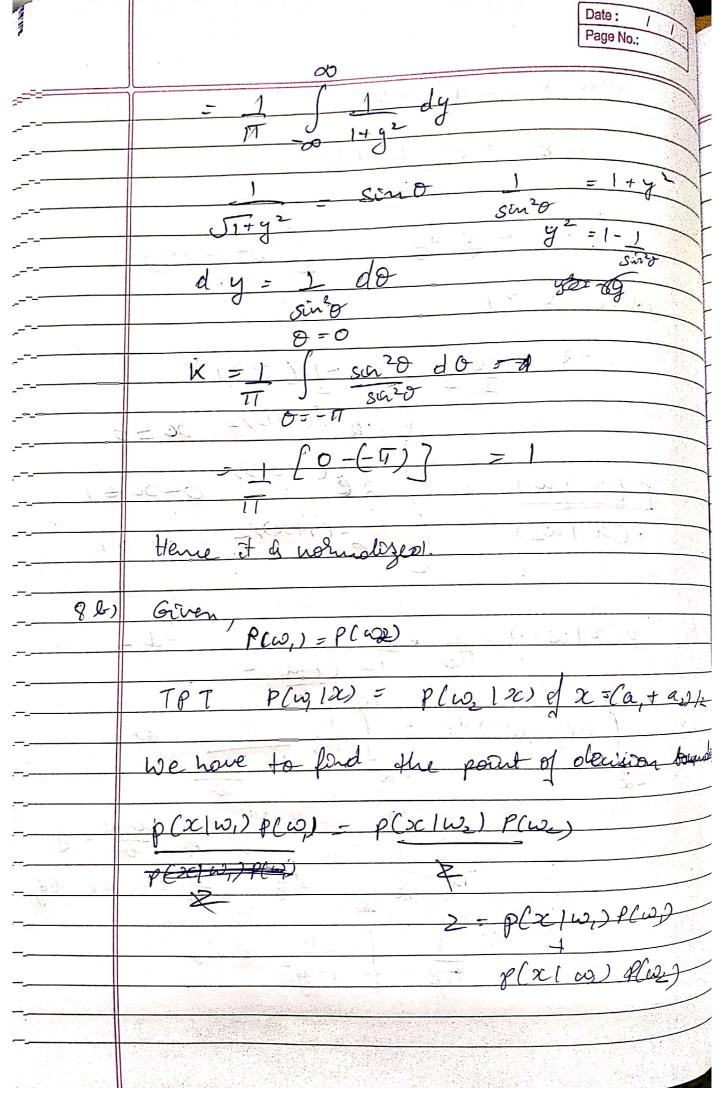
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	1000 1.000	
	Given,	
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0	06 - 1 2 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	:1
	P(coros /2) = nun [P(w,1x), P(w	2)7
	A A S A A A A A A A A A A A A A A A A A	
	Let the non Wi be represented by wom	
a)		
5	lor this cos let ween us co onless 12	510
	for this cost let week us consoled we is $m=2$." $p(Exrox[>c) = P(w_1 >c)$ $p(w_2 xc) = 1 - P(w_1 xc) \rightarrow D$	u-ux
	P/ w, 1x2 = 1- P(w, 1x) -> 1	
		P ₁
,	P(W, 1x) > P(W, 12c) -> 3	ji i
M. California		
	from D and 3	:
	(3018) 91 . CALLADA	i rai
	$P(\omega_{i} x) > 1$ $\epsilon e 2P(\omega_{i} x) >$	1
	2	
	Ilinaler Min 1x)	
1127	now multiplying by P(w, 1x)	
	2P(W, 10c) P(W, 10c) > MW, 10c)	1
	27(W, 13C) r(W, 19C) - 1(W, 15C)	
	00 100 00 00 00 00 00	10 m
822	2P(w, 1x) P(w, 1x) > P(orang(x)	
	by integrating that of every x	-
		-/20
	$\left(2\Omega(\omega,1z)\rho(\omega_{1} x)dx\right) > \left(\rho(exant z)\right)$	0-0
30	The second secon	
	plessons on full essel. * are get some answer if are consider. * plesson >c) = P(a) >c)	
	to a get some answer if are consider.	<u>a de la </u>
	01 (2288 1)C) = P(a) (2C)	

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-1(b)	We know that p(v)120 >1.
	convides 2 = 105 1.2
	PCW, 13C) \$ = 0=3, 0.7
	: P(w2/x) > 0=3 0.3
	PCes enos/x)= 0-3
	826-8 a p(w;1x) p(w, 1x) = 15 x0000000
	1.2 × 0-2 × 0.3
	0.252 < p(chas (2c)
	(3001(20)
	guerantee guerantee
16)	Same Person 100) = P(W2100)
	San Zing Ling and The Land Control of the Control o
	we have
	P(w) (x) 0 < p(w) 100) P(000014
	P(w, 1x) P(w, 1x) < P(w, 1x) P(w, 1x)
,	P(W, 1x) P(W, 1x)dxo P(W, 1x)P(essay)
	we know
	P(W, 124) P(eggs/20/de < P(eggs/x) de
	(05 P(W2) 22) < 1 Yx
	: \p(\ook\1)\dx > \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

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	= bko - 0 + 0 - (-bk.)	
		\
	= 2 Bit	/
	abik = 1	//
	k = 1	
	2 bri -1x-ai1/60	//
	p(x wz) = 1c $2b$	
		//
	Aphlihood Ratio & given by	
	p Cxelwa) - zoze	
	p(x/w) 1 e-1x-a,116,	
_15000	(i)	7
	$\frac{1}{3} \frac{1}{6} = \frac{1}{2} \frac{1}{6} \frac{1}{6} = \frac{1}{2} \frac{1}{6} $	
	e ₂	15.
	-12c-a/1 , 12e-a/1 -12c-a/1 , 12e-a/1 -2	
_ 2 c)	p(x1w1) 5 b2 e 61 02	
-	p (x/w2)	
	a, =0 a ₂ 51 b ₁ = 1 b ₂ = 2	<u></u>
-	when x <0	
		_
	$\frac{2C-x+1}{2} \cdot \frac{1}{2}(x+1)$	
		_
	CANADA STEELING TO SERVICE	_
beaut		

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A CONTRACTOR OF THE PARTY OF TH	where x
and any and any and any	
Santa Carrier	
AND AND THE PROPERTY OF THE PARTY OF THE PAR	$-\frac{\chi}{2}-\frac{\chi}{2}$
	when oc > 1
and the Control of th	
	$\frac{-x + x - 1}{2^{2}} = \frac{-1(x+1)}{2}$
Andrew Colors	(·2 e (x+1)/2 26 50
	P(x1101) =) 2 @ 6-30c)/2
	P(X/W2) (2e-(1+9e)/2)()1
8-	$p(x w_i) = 1$ $Tb = 1 + (x-a_i)^2$ $i = 1, 2$
	$0 \qquad 0 \qquad$
as	$\int p(x wi)o(x) = \int \frac{1}{10} \frac{1}{1+(x-a_i)^2} dx$
	-0 -0
and the second s	substituting x-90 g
	The dy = de dx = bdy
	011
Notice of the state of the stat	TTP 2 1+9
A Control of the Cont	



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	1+(xa,2 1+pc-a,2
	and the first of the second of the second of
	$2c-a, = \pm (2c-a_2)$
	1 2 1 2
	$a_1 + a_2 x = a_1 + a_2$
	which a the midpoint.
	which is the midpoint.
	Line Line 1
801)	p (w x (w c) = 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -
	1-100 (1- (2c-di)
8012	$p(\omega_i x) = p(x w_i)p(\omega_i)$
	5/1-3-11-15 B
	$Z = \leq P(x w_c) P(\omega_c)$
	7711
-	2->00 P(Wil)C) = um 1 (Th 1+ (xa)2)
	21-700
	Z (sawloz to num but i = 1, 2.
1	
	b + (x-a)
	2-12 12 (x-a)2+62 (x-a)2
	2-20 b2-(x-a,)2+b2 (x-a,)2
	χ^2
	2c2+2c2 2

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-	- one a sa -) use con do flice
- g 9a)	Consider a, > 9, - 100 control loss of general
-	19, on 8 we prow that the
	decision boundary is at (a, ta)/2.
	P(error) = (0,+0)/2 + Sp(w, 1x)
	P(error) = P(W2) Dat
	-00 a14a2/2 a14a3
	112 171 2
	$\frac{1}{2} \int \left(\frac{1}{2} \left(\frac{2(-4)}{2} \right) \right) \frac{1}{4} \left(\frac{2(-4)}{2} \right) $
-	- () () () () () () () () () (
	$y = x - x_2 / x_1 - x_2 / x_2$
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	1+42
-	-0
- \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1 = dy = tor - 14
- 50 BA	- 11+92
-	200 00 - 1 De 100 00 to 10-007
-	- P(craps) = 1 (tom (a, -a) - tom (-00)
	- 1 - 1 fom 1 92-9,
~	1 20

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90)	Bi mose P (Croroq) - 1
	occures for pas-a, 1-0
	ie of a, = az & > when both dist of
	le = 0 -> whom it is floto
	= (y wood > 2) c/c
12	Garens
	P(wnoz (x) /x) > P(wolz)
12a)	TST P(Wnose x) >1
	$\frac{1}{\sqrt{\frac{p(\omega_0)_{00}}{p(\omega_0)_{00}}}} = \frac{p(\omega_0, 1\infty)}{\sqrt{\frac{p(\omega_0, 1\infty)}{p(\omega_0, 1\infty)}}} + \frac{1}{\sqrt{\frac{p(\omega_0, 1\infty)}{p(\omega_0, 1\infty)}}}$
	then PCwilx) =1
	i - P(wmoz 1x) = 1
	J Jist P(w) (x) < 1
	then . Fj. P(wj. 1xx) > 1 That is which a not possible here
	P(Wmax 1x) = 1

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	DC0000 7 = 1 = Cp (Wmox 12
12(1)	P(Oros)
12 b)	p(orger) = 1- p(correct)
V	· Plans
	p(colorect) = finax p(wo1x) de
	= p(wmox1x) ole
	:- p(evos) > 1 - p(wnox(x) p(x))
	15 (Summa 12) > 1
1207	consoder & 21/C
	$p(e2a82) \approx 1 - \int \alpha p(x) dx$
	$\leq i \propto \int p(x) dx = 1-\alpha$
- <u>-</u>	1 - p(eros) L 1-1 = (c-1)
- <u>12d</u>)	This is possibles only of all closes they some parole and identical delaributions
	The state of the s
<u> </u>	