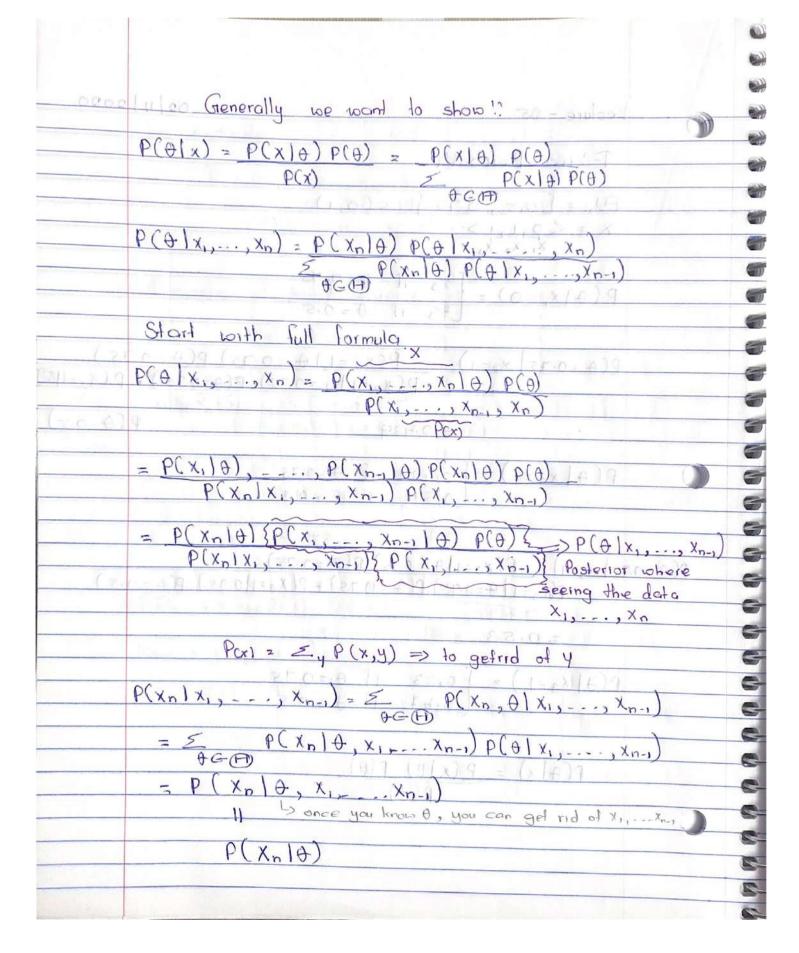
-30	
-3	Lecture - 05 ! gode of topa gar pllorense 02/11/2020
-3	
-3	Till Bernoulle (1)9 (1)9 - (1)9
-3	(0)3 (1))3 (7.9
	(A) = [0.5, 0.75], c(0,1)
	$X = \langle 0, 1, 1 \rangle$
-	$x = \langle 0, 1, 1 \rangle$ $(a^{\chi}_{\chi} \times_{1} \times_{2} \times_{3}) = \langle 0, 1, 1 \rangle$ $(a^{\chi}_{\chi} \times_{1} \times_{2} \times_{3}) = \langle 0, 1, 1 \rangle$ $(a^{\chi}_{\chi} \times_{1} \times_{2} \times_{3}) = \langle 0, 1, 1 \rangle$ $(a^{\chi}_{\chi} \times_{1} \times_{2} \times_{3}) = \langle 0, 1, 1 \rangle$
-	(a X
-	
	L ² /3 If $\theta = 0.5$.
	phone 075 lil dies 11/3
	P(A=0.75 X=1) = P(X=110=0.75) P(0=0.75)
-	P(x=1/0=0.75) P(0=0.75) + P(x=1/0)
-	(a) end () 1 0.75 /3 0.5
9	= 0,429 P(0-0.5)
9	2/3
3	P(0 x3 =1) = 10,429 if 0=0.75
	0.571 (11 0 = 0.5 × 10 ×)9
3	1-0X c (x/0)9 (-) (6)9 (0,75 xx , 0.41209 (16)07 19 =
	OCO 000 1 00 1 00 1 00 1 00 1 00 1 00 1
	$P(\theta = 0.75) \times_{3} = 1 + P(x_{3} = 1) + P(x_{3} = $
3	103-110-0101110 010711003 P(#-013)
9	0.13
3	1 to birtage of (1,x) 9 . 5 = 1x9
9	
9	
9	(100) (10.47 - 11 + 20,5 - 1x lax 19
0	(10 - 1 × 10)9 (10 × 1 × 10) P(0) X = = = = = = = = = = = = = = = = = =
•	$P(\theta x) = P(x \theta) P(\theta)$
9	(P(x)) = (A + C + A
3	I had been all and step to an in
9	
9	(⊕1xx)9
9	
)	
San	



i analysis of the second		
-3		
-3		
3		
3		$= P(X_1, \dots, X_{n-1}, X_n, \theta)$
-		(0) $P(X_1, \dots, X_{n-1}, \theta)$
-		the state of the s
	W.7.91.	= P(xnto), P(xnxTo) P(xn)
		$P(x_n, \theta), \dots, P(x_n, \theta)$
		(6)
		$= P(X_0 \theta)$
	Expuril-102	A 11 765
3	THE POST PORTO	AMAP = Maximum a posterior estimate.
	- In	Amp = avgmax [P(A)x)
-	Marin M	t map = augmax { P(t) X}
		(40) 0 = (4)3 (41) 2 1 + (4) 2 mil
-	mrd m	Lecule = argmax [P(x10) P(0)]
	(00	walland) 10 HC (1)
-		
-		= augmox [P(x)a) = 7
3		↑ De Do
1	Mary at	It's true if P(A) is determined by the principle
1		of indifference
3		(#19 14182) + (#19191e183) - (x1e)?
3		A FLEX PARTY (X)9
3	The Co	21's true 11 (H) = (0,1)
		for the cid Bernoulli = \(\psi_0,i)
9 9 9	1.	Why 1s (H) = [0, 00,] a bad idea?
-	\$13 f	Why 13 (H) = [0, /4, 16, 3/4, 1] a bad idea?
1		P(0) = { 1/5 Y 0
3	(€-1	1001 × 100 0 x=1
		Ho= {0, 1/10, -1, 3/10, 1] P(0) = [1/11 YA'
9		MALE M. E. J. March Co.
3		Do= [0, /n,, n-/, 1] P(0) = /n+1 YA
3		Ch)
5		LOW THE RESERVE TO SERVE THE PROPERTY OF THE P
9		

