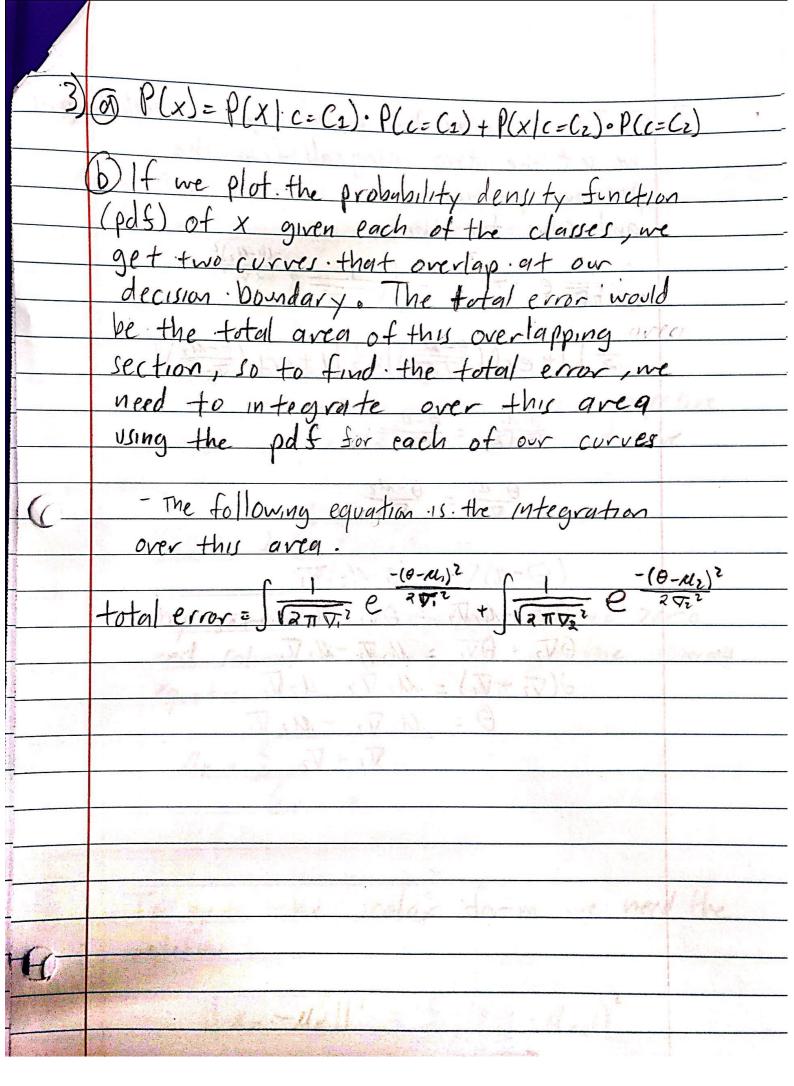
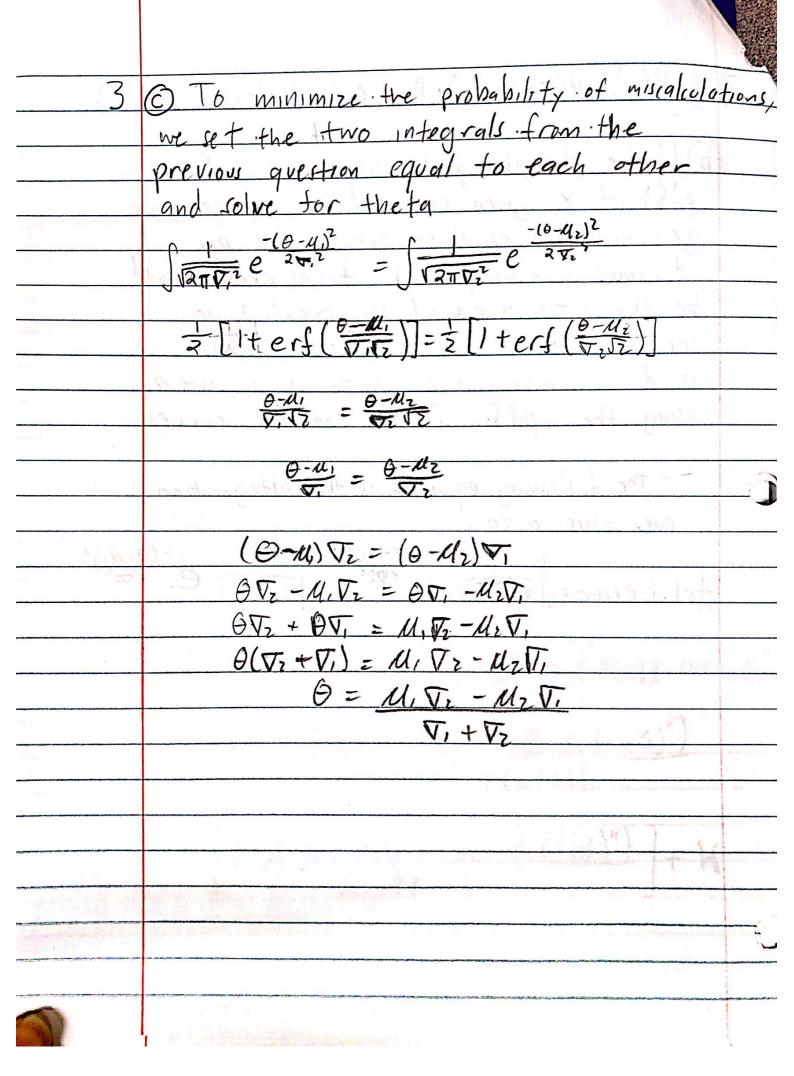
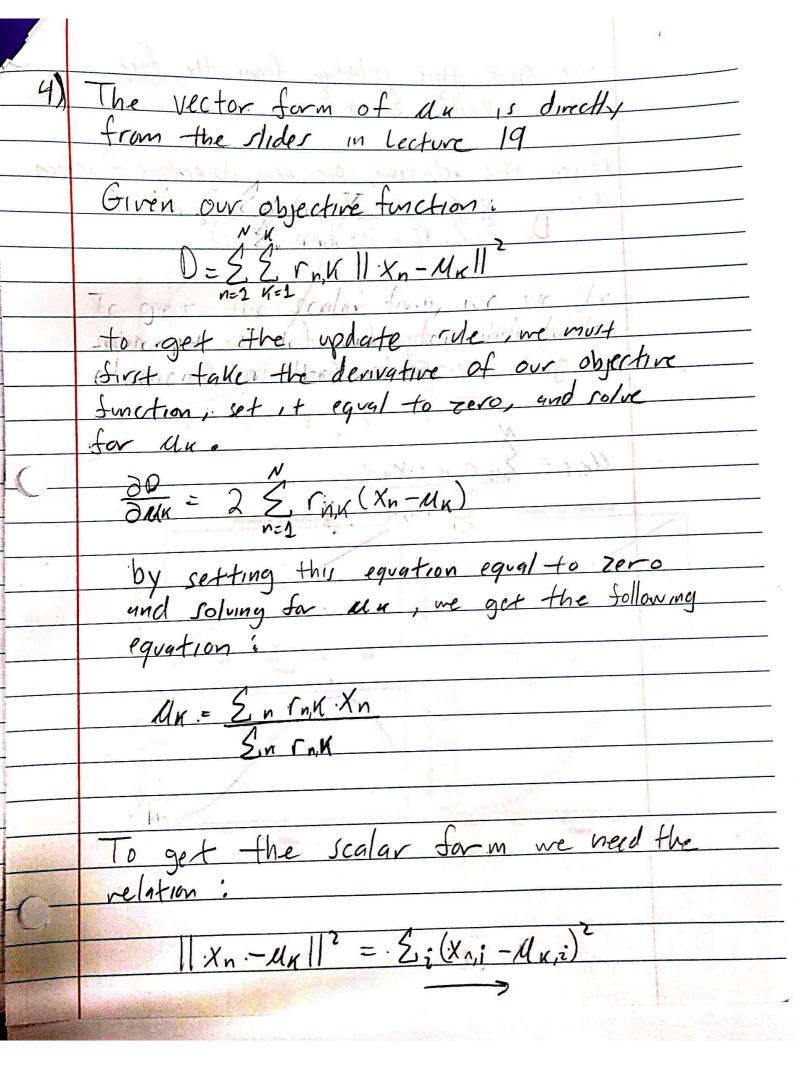
	AI Homework #5 Dominique Owens  28(6) 1) 20(10) 00(1)
9	AI Homework #5 Dominique Owens
	H-3
	$a)P(\Theta y,n) = P(y \Theta,n) \cdot P(\Theta n)$
	$\gamma$
*	= D(V/Q n) P(Q)
Mary Control	= p(yle,n). P(eln)  Si p(yle,n). p(eln) de
	Land to the state of the state
	= P(ylo,n). P(oln)
,	$= P(y \theta,n) \cdot P(\theta n) \cdot (1+n)$
	I R we de land Mitol (IN) to by by 1917 ave a
	b+c) on a seperate page
	The of randers . He stop have conduct .
( 2)	- b9 (C) to blanche participation so so persons in
	thu oven.
	b) = P(c h ) = (m-m)= P = (a)
	TOTAL EXPOSED TO THE END OF THE TOTAL STATES OF THE STATES
1	
1 (2 m)	(M-N) = log (P(c)ho) = log (s) = log (P(h)) = Pl
	n-K= log(9)-log(P(1/18-P(L1/12)")
	(ISALISTS Jook Jones John St. 1865)
	1 Manted - Louis (MIN) Plant - No. 1
	Leal 91 (c) 1/2)
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	the state of the s

1803		1
2)	atc) on a seperate page	1
	(My ) y	
b	b) For this problem, I will solve it using hypothesis	
	one, but the equation will be the same for	
	any hypothesis	
	(NION-(NOLV))	
	P(h1ld) = . 9	
	.9=P(d/h1). P(h1)	
	= [T] P(d: 1 h2)] · P(h1)	
	=[TP(d;   h2)]. P(h1) = P(l h1)". P(c h1)". P(h1)	
	n=# of candies, K= # of lime candies,	
	l= lime candy c=cherry candy	
	P(c/h1)"= 9	
	P(h1)·P(llh1)"	
		7/1
	(n-K). log (P(c/h2)) = log (-a) - log (P(h2). P(l/h)	1)")
	n-11- 1- (d) - 1 (0(11/2 P(1)) 01/K)	
	$n-K = \frac{\log(a) - \log(P(h15 \cdot P(l1h2)^{K}))}{\log(P(c1h1))}$	
	rog(P(C(hL))	
	n - [ loca ( of) - loca ( P ( ) 1 ) - P ( P	
	n= log(.9) - log(P(h1).P(l/h1)") ] + K	
		)







	· we get this relation from the fact	
• ••	· we get this relation from the fact that · 11x112 = &ix	
-	VI CONTRACTOR AND A STATE OF THE CON	
-	C: Use of the a large to the first	
	Given this relation, our new objective function	tion
	D= ZZ rnx Zo(Xn,i-Mx,i)2	
	D=. ZZ rn, x Zo(Xn, i-MK, i)	
	12 5 2 7 2 N 11 X2 M2 11	
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- To 19	can pret the Color of 111	1
	Je le scalar form of the My.	
	The state of the second of the second of	
	des du	
	Mr. ? = Zus. ruk. · Xu, ?"	
Office of the second	$U_{K,i} = \sum_{n \in V} V_{n,K} \cdot X_{n,i}$ $V_{i=1}$ $V_{i=1}$	
- 192 min	NEI NEI	
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- Control to some control		
H.	I a suf. I a scalar domain we would	
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