	DATE
	Theory
Chris.	
61 a	Given expanded egn form:
	y = wixit wixit wixit wixit with
Urki Urkir Urkir Urkir	Now let g be the gradient and the derivation for linear regression will be gran as:
Gerko	y- writ ward + wrin +c
	Here y is producted output as and to To are the enpo function jeatures; wi are the weights and (i ) is the pair felm and (assly n is no cof
	Jeans and
	Now MSF (Man squared error) Loss function is 40 quen as-
	L(W)(3) (x) y') y) = 1 E (x/ W+C-y')
	Now to find the delivates w.s. + wi and the bran term

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22 - 2 & ni (xihu+ C-yi)	
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Waden W. s.f C	-,
2 2 ( Nict ( - 4')	
12 = 2 5 ( Nict ( - yi))  26 TO 161	
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In mit weight and poin using	*
Now the redo for weights and bour using the MSF cors function will be guar as	——e.
Wi - wi - 2 12	
Jui-	<u> </u>
	—- <u>}</u> :
CP=C-ddL	<u> </u>
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L'is Lecrnens late	
The rule applied to the exercision of a	
The rule applied to the Heralian of y	رو <u>د ہے۔</u> روز اس ہے۔
modelis productions	17



