W	ochine learning.
1	Wn-Coding Partian.
40	PROOF of two equations
	11/001 04 1000 0400 110015
	$\delta \rightarrow b \sim c \sim$
	d' → bag of words (document) n(w) → each word w∈W appears in d.
	each word independent
	Assume that the document was generated one word at a time.
	it does not matter.
	Assume that words are drawn from the same distribution 8=0w where wEW appear in
	buperplita on.
	O CONTRACTOR OF THE CONTRACTOR
	No it dogs not matter. Since, as long as the word, who not appear
	it is counted as n(w) =0.
Ь.	3l to derive u
	9m)
Training -	D do (u, β2) = 2 log (2π σ2) + 2002 Zxc. x-μ 2
	0 = 0 + 206 Zxec x-u
	0 = \(\bar{\zeta}_{\omega}\chi \righta \chi \omega.
	$\frac{\partial u}{\partial x} = \frac{\partial u}{\partial x} \left[\frac{\partial u}{\partial x} \left(\frac{\partial u}{\partial x} \right) + \frac{1}{206^2} \frac{\partial u}{\partial x} \partial$
	$\frac{\partial L}{\partial \sigma} = 0$ to derive σ $\log_e = \ln$
	The second secon
	The delivery of the second
	$O = \frac{d}{2} \left(\frac{A / B}{2 / 6^2} \right) + \frac{-2}{2 \cdot 6^3} \frac{n}{ z } \left x - u ^2$
	20 63 = 1 xes x-x1
~	1 = 1 xcs x-u = 62
	6 = Jud = 11x-m1,
	0 - 1 nd Fillx-WII