Subject: true lable predicted label have just = 1 x P becase y just o's

Subject :	Date
it's Zero when	$0 = 0 0$ $y = \hat{y} 0$
DU=0 , it's not possible become each other and they	use vectors should vary from cont be equal to zero
15 equal to zero and only 10 which abriously in this vectors because we re in	predicted is completely equal that all of other words probabilly by our tonget U has probabilly case we don't need to change our the place that we would to be not possible this largeous.
how this happens relies on to are wort to minimize and a in fact a radion shows how sho	gradion help us in this way- ald probability of our prediction y we want to be closer to y
similarity, normalizing would be capture features beyond similary normalizing will ignorse these sometimes bear will ignorse these sometimes will be seen as sometimes of the seen sometimes will be compared to be seen as sometimes and direction of the course both length and direction of the course sometimes and the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes and the course sometimes are considered to the course sometimes are considere	a good idea, but if they wont to ities such as significance, consistency on this case it's not applicable, length of vectors, in some

C) when
$$w = 0 \rightarrow -\frac{8}{8u}$$
 by $\frac{\exp(u_0^T u_c)}{\sum \exp(u_0^T u_c)} = -\frac{8}{8u} \left(u_0^T u_c\right)$

$$\frac{\text{SI}_{\text{minesthank}}}{\text{Su}_{\text{w}}} = 0 \rightarrow -\frac{\text{Ve}_{\text{c}} + \text{Ve}_{\text{c}}}{\text{Su}_{\text{w}}}$$

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iii) in naive soft max loss	we obviously iterate through
whole vocabalary end	h time which ast a bt more
then here because we o	are only sumpling 10 item in
negative sampling.	
h) J neg Sompling = fly (6	(u, Tue)) + \(\int_{1\leq j\leq lk} \) (-u_j^T k_e)
+ ₹ 9g (6 (- '<; ≤ 1< w: ≠ w	·()) "; = "s
"; ≠" _s	
bearse we and to want	derivate From ws so the tenn
which doesn't have we will be remo	oved. so first and third term
are removed we just need to	
	(-4 T &c) -1) bc
8ms 18j8k	
"∑ = w _s	
2	w. , U) 5 8J(v., w. ;)
1) & J skip - gram (Uc, 4-4, 7)	-m<> <m &="" td="" u<=""></m>
	(++m, 9U) = 2 8J(v., w++1) 9
) 5 Jacip - 9 - (Q + - m	++m , 54

