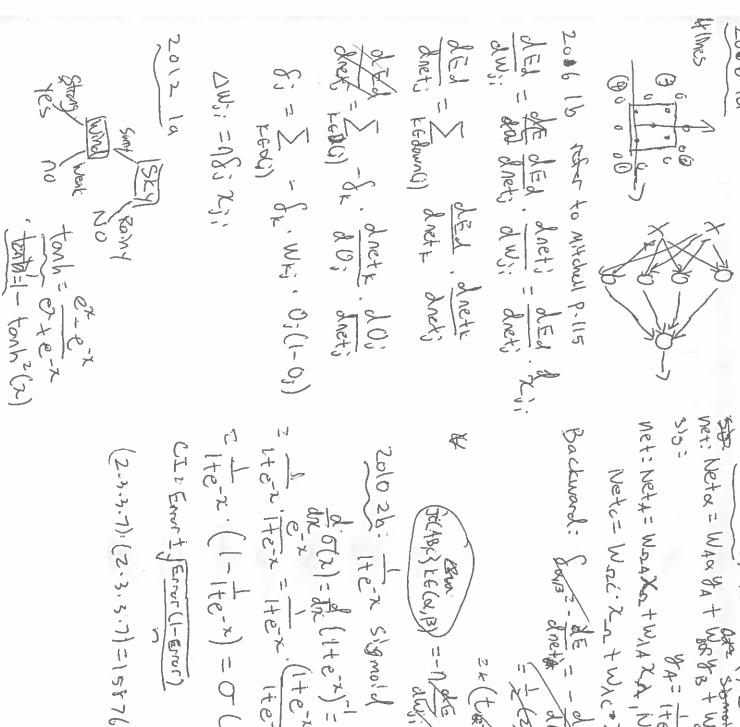
Used with somed DWG = - 1 de dorchetk) y. Binon cross Entropy = E -- 25=1 (the binox + (1-th) bin(1-02) SCH TYNEW - J-1/W 2017 30 September 2 (ta-Ou) 2 + > 2 tul LI: 12 IWI > - 12 W Sign CW) 2017 20 E-260 2 (td-0d) Andrownface dE dw: - ≥ 2 (td-0a).dw: (-0a) Lovi la Sky Dw=12(ta-oa)(xid+xid3) Yes No = \( (td-0d) \cdot - (wotw, x, tw. x 3...) =-を(td-0d)·(wコンid+2id) Strong weak Sunny Rainy AWKI - # Mthe OFTY. dor orte do(net) = 0/2(1-0/2) Mak Pauling Sizez t settmax to build classifles 2017 30-7 stribe size to used with softmax layersize + 2 poddy Cilter, DWF = 1 0K-FK OKPOK) 4: = 1 (FK-OK) 4: 2017 39= E== (tu-Ou) + 1 \ [w] (refer to Mitchell) det donety dog dog dact; dog 0; (1-0;) Associal dwin daety dwin - drety . 21: dEd = \( \frac{1}{2} \cdot 2 \cdot (\frac{1}{2} \cdot 2 \cdot (\frac{1}{2} \cdot 2 \cdot (\frac{1}{2} \cdot 2 \cdot 2 \cdot (\frac{1}{2} \cdot 2 \cdot Momentum = Dw; (t) = U. Dw; (t-1) + (4 1 dis Aw; =- 1 de - 1 (td-0a)0; (1-0;) 7; 1-11 x signe dws: = - (tw-0a) (5; (1-0,1) 20) Inthation: Goorot=J=/(1/11/2), He= )= (for Rely) Adecont: Mo. T, Mo. C, A. Relu: of=max(01x) -> y'{1,14 2>0 dates somulization: #= x-2mes M=09/0195 (orz julyjal) OK = enetic > dE = 4, (0; -ti)



Net: Neta = WAQ 8A + War & + War & Net B = WAR A + WBB & + WCB & COLOR - WAR A + WBB & + WCB & - WBB & Met: Net = Waaxat W/A XA, Net B= Wab xat WAB XA 1 dx o(x)= dx (1+ex)= - (1+ex)-2 (-ex)= ex

1+ex (1+ex) (1+ex)-1 - (1+ex) (1+ex)

1+ex (1+ex) (1+ex) (1+ex)

1+ex (1+ex) (1+ex)

1+ex (1+ex) (1+ex)

1+ex (1+ex) = ite-x. (1-ite-x) = or (1-0) CIE Error + JError (1-Error) Zolo 2b: Ite-x Sigmoid Netc- Wac. Za+WAC+ZA (DOCABLE) LE(OU, P) =- Nocke 2x (ta-0x) (0x) (10%) = 2 (to -0 xx. Let) (the net) 2. (Eneta) (1) while C-E Jues

2016 201 W; 1 W; + 1 ONE, E== (tol-0a)2 dw; = - (ta-0d) (xid+xid+xid) w; ← w; + 1(tal-0a) (2,1 1+2,1 1+(2,1 13) 2015 29: W=1 LMS-W: 4-1 (tarout LMS afters weight in some proporting to S60 backs: W; ( 1(tx-04)) (tu-od) = 215 A - 4 ( The 12 + PEDS) J. Phus Holomores this Meer The with die Wasy 0 Otherwise 1だnetく2 Stephon = { 1 if net > 2 2014 20: End to End 60 otherwise 205 Jenue 0 Scottmax (500) BLSJM (256) blsTm(236) techno (952) VSSJO BLSTM(256 Stepor - { 1 H net 21 Res-XXX-V tekkno -> fully connected-75 of that Refer to ship lecture 4 so, 23 Coin-7 puol/sample-7 can ->per Refer to lecture 6. O otherwise page 39