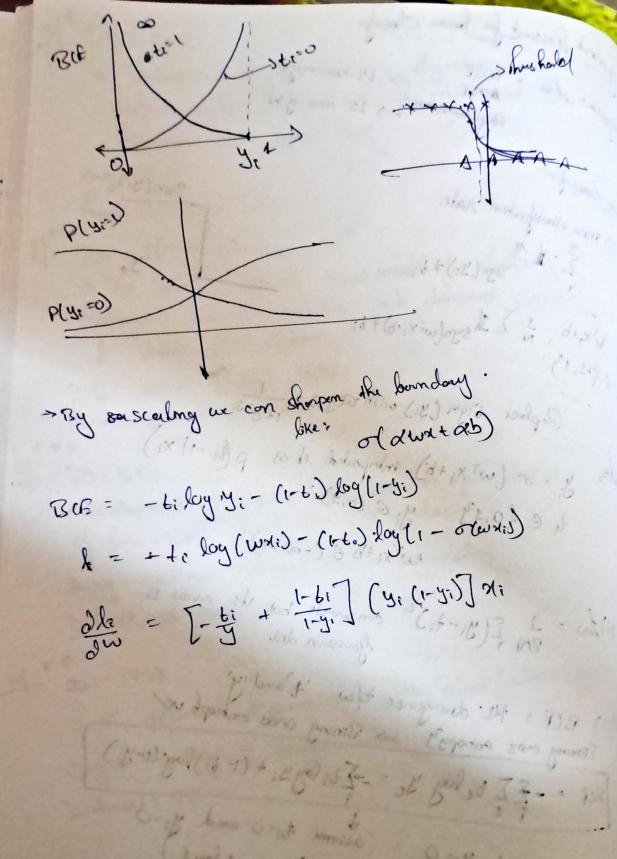
Gradens Dessent for Koman Classifin Regularization L. L1 Norm of W ina class fren! (i) miss classification rate ₹. 1 1 Sugn (Y;) + 6; 1: Wixi+p; 7 [] sign(mixi+b) + 6: hi & f.1,13! Replace Sign (4:) with Gry:) = 112-4: drs, y = 0 (w^T x₁ + b) interpreted it as p(t = 11 x₁)

4 & {0,13} y: 6 (0,1) WTx: +6 & (-00,00) (i) Loss = 1 = (yi-ti) con world but its error 15

yourseron dish (it) BCE: 1/22. duengence is/w 't'and 'y'

[it) BCE: 1/22. duengence is/w 't'and 'y' BCF = - \frac{7}{2} \telog ye = -\frac{7}{2} t_1 \log y \telog \t assume to=0 and yo=0 - (0 + 1 legs) ti=1, y;=0 -(logu tologt) ti=1 and y=1 -1 log1 - 0



(2 pol 1 + 0) -10% here 1-18

o - sport

0 78 12014

Judge world-