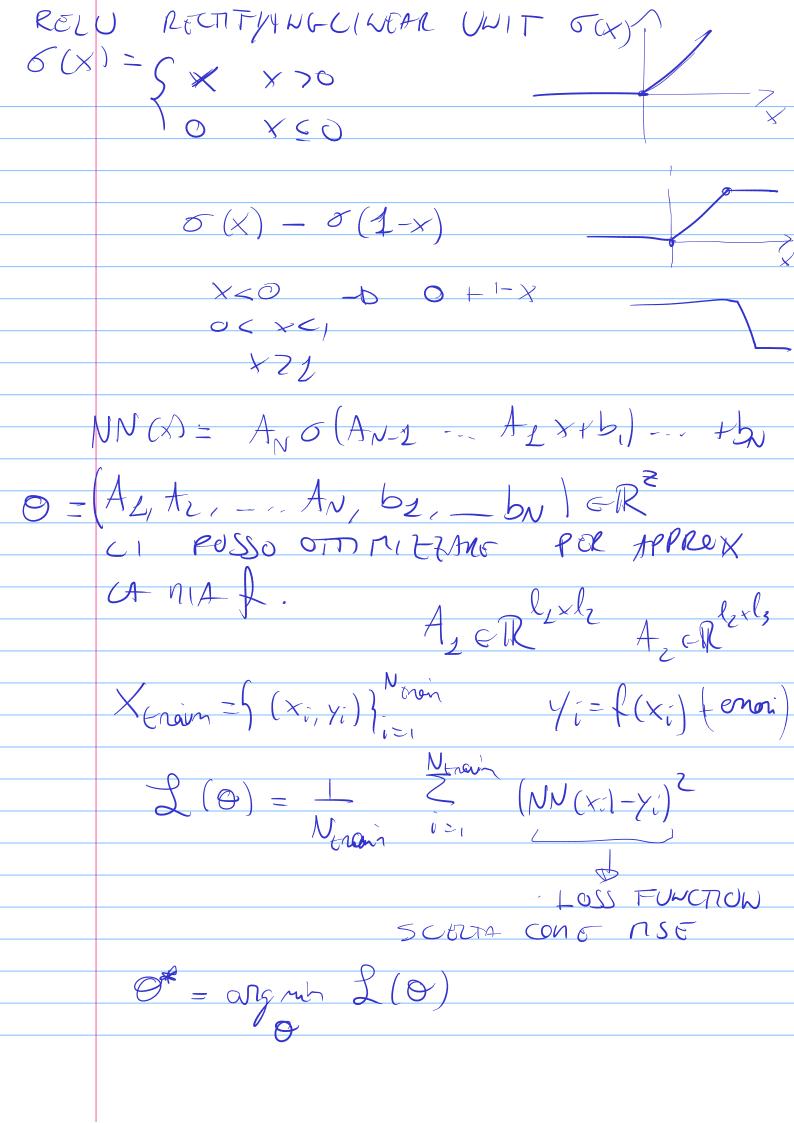
· PINN NN(x): R - Rlovt $NN(x) = A_36(A_2x+b_1)+b_2)+b_3$ 5 ACTIVATION FUNCTION FONZIONE NONCINEARE SEMPLICE IN = NUMERO DI CATER le NODI DET PRIMO LAYER (X 14 INPUT) le NOOI DET SEC. MYOR RY IN+1= COUTPUT # MOI LAYOR OUTPUT 440R DA #2 AC #N-1 HIDDEN AYER KSRT * FEED FERWARD NU COUNT OF KEEKEN K I SOLO HODEN LAYER, PATA RECURIR 4 2 >0 7 QZ EN: ~~ | NNOX) - f(x) | < E X E K



· GRADIENT DESCENT (C VARIATION! SUL TENA) STOCHASTIC CAMPIENT DESCENT 8 mm = 0 - 1 Voi 2 (0) 0 = CEANWING LATE 1) Fern And PASS 2(0) f fk = Akhk-1+bk # k= 1, -, N hx != 0 (fk) NN(X) = hu (hn-c) 2 (0) = 1 2 (NN(xi) - Yi)2 Va L(0) 9hn = Phn L(0) = 2(hn 7i) L gri = 7 L(0) = Vhr L(0). Vphn 36N. O(fN) 95N = Pon I(0) = Fin I(0) . Fon In = gfn

