= Z. 1 (Lo(n)-y) . 2 (Lou)-y) = (ho(n)-y). 2 (On not O, n, + ... + On 21 n - y) Jorj=1=(ho(m)-y). 2 (Oodo+Q, a, =(1,0(2)-4):21 :0, = (hp(x)-y) od (0,x+0,x,++0,x,++0,x,) = (ho(n)-y) · 2/3 Op: - Op - x (ho(n) - (y)) on; (only one training c nample) Report until convergence.

O: = O: - x (Elho(n'') - y'') x;

for the training enempte ) (30,010) (for j=0,1,--- N) a Kin Batch gradient descent