

of Following site ORE w, 6 - real nos. I(w, 6) -s con feel -> lu. of the alosal storat opti sell of this convex minimin w & 6 to minimin conver from that iteration of gradient descent bull to globel of optimum leany rate -> how fan of a step do

we take for each ; texat yolate - up aats of the change made we want to

make to the paranters us,

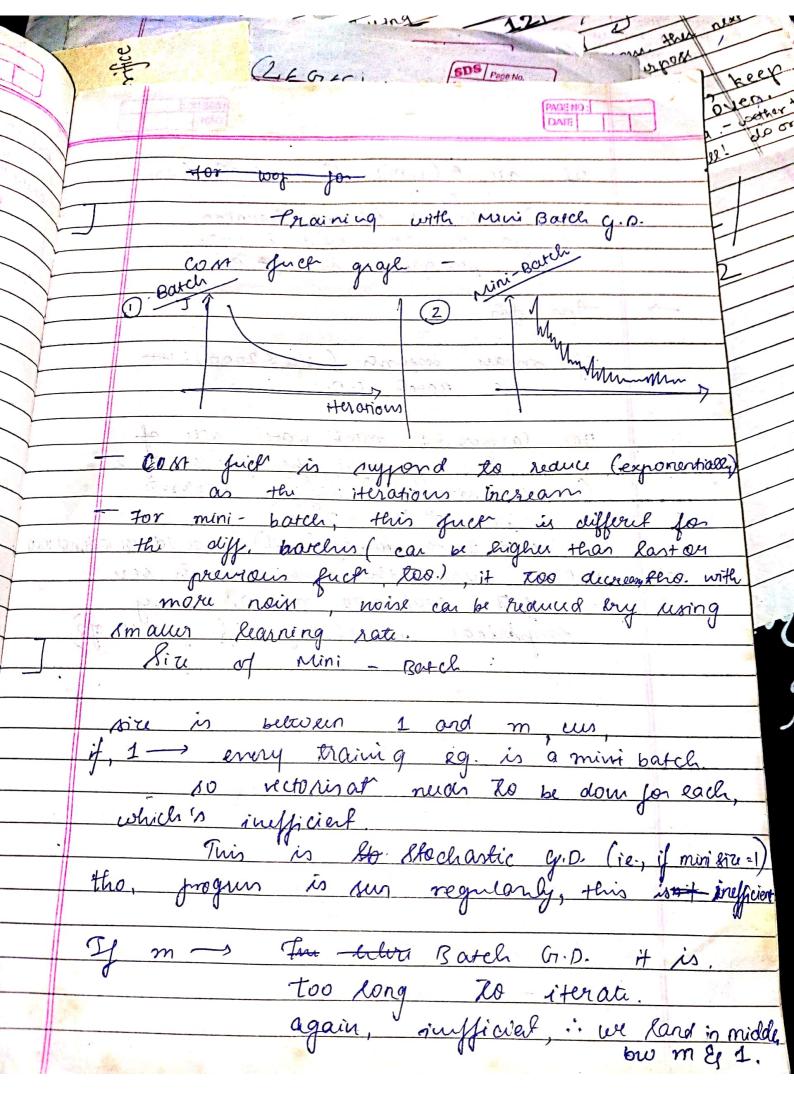
dw is the variable und in wook for

representing the derivative

dus of Jan is shope ite, let. 2 I

widter w I sty of buck projegat on a Conjutat graff yields derivative of filal output var

St _ dJdvar = avar in cook (on p, 8) +



DATENO If six & (1, m) (1) rectorisas (per (2) Fasters harring leaving east 2 compared to 3 pergrin is po good. Type for six smay datants (site { 2000): us use Ratch G.D. Fox larger: mini batch site of Curial sizes afor larger evarants

pis 24 +111 29) -> eg. In the last eg. (lee-1), we would us 1024, not to note Make Aure the mini boutch fits cpu/ orpo memory, by emphrical way (my diff. powers of 2)

