Variation of Gradient Descent Optimization Batch Gradient Descent vs stochastic gradient descent VS Mini Batch GD Batch GD Stochastic GD Mini Batch GD datas et before example before making parameters Smoothly but noisy updates more frequent update Ve dorization

Page No. Date: Mini Batch Gradient Descent Batch Gradient Descent 1x, y Tepech 161 162 103 ls endo code 1 epoch iterate over entire for e in exange (mox-itid) los e in range (MAX-ITRS): the Contour Plet of grad = calc grad I Contour Plet faston more computation Convergence > updates soon be noisy a achieve local minima # Loss Function much earlier # Contou plet It loss function noisy lose CUDVE