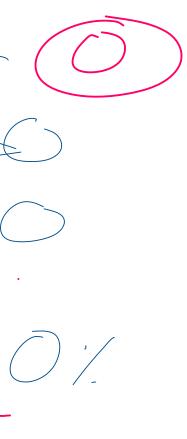
Initialization, Regularization, Normalization, Optimization, Dropout

Vanishing Gradier

Texploding Grad

.

Backproposa-



Friday, October 6, 2023 9:45 PM

Vanishing and

Converge

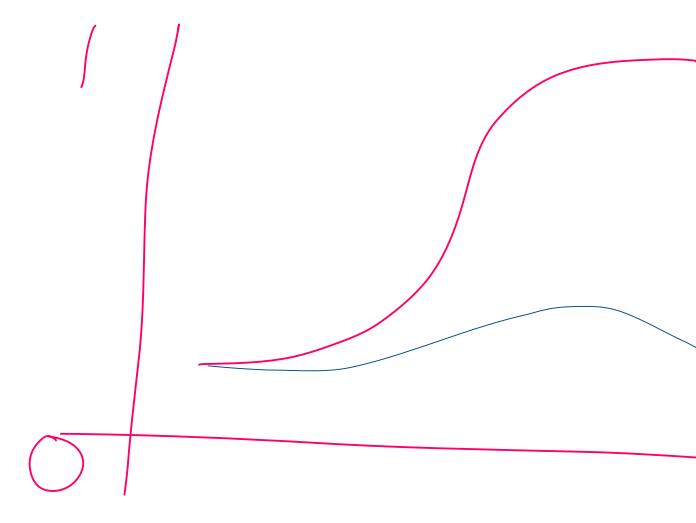
ient

Friday, October 6, 2023 9:47 P

Dredie ____ Exploding Cronac soluti nt Cliping

mizens.5GD(alue = 1.0)

dient



Friday, October 6, 2023 9:50 PN

Exploding -> exponential grow -> model weight ->N - + model learning (Ol) the model

aN

alanche

Friday, October 6, 2023 9:51 PN

Vernishing - model weight --) loanning mate !! -> parameter I II)

Friday, October 6, 2023 9:53 PM

DZerzo

D Random GNO

SNO

SNO

Avien / Glonot

He Uniform

mali. Zed

- Lextended

Random Wonma

Candan Dit

Friday, October 6, 2023 9:59 PM

Varien Uniform Signoid Friday, October 6, 2023 10:02 PM

Regularization

train of life over

nfilting

Friday, October 6, 2023 10:06 PW

Wormali zoction

He initialization
Rell/Leak, R

D- model
e

e Ly Chahand Friday, October 6, 2023 10:10 PM

1 Phrization 06 D 2567 (3) (Mini-batch (4) Adam 6 N De 1te,

Manhen Adahnad Friday, October 6, 2023 10:14 PM

Dropout Inopa

1+(0,8)