

1. Describe the difference between WGAN* and GAN**, list at least two Differences

- Remove the last sigmoid layer from the discriminator.
- Clip the weights of the discriminator to a constant ($1 \sim -1$).
- Use RMSProp or SGD as the optimizer.

2. Please plot the “Gradient norm” result.

a. Use training dataset, set the number of discriminator

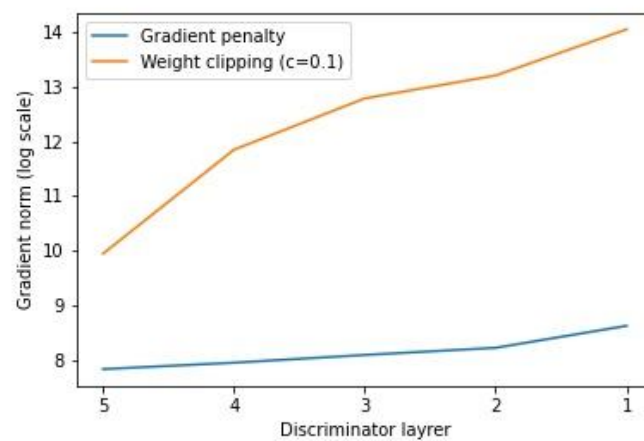
layer to 4 (minimum requirement)

b. Plot two setting:

i. weight clipping

ii. gradient penalty

c. Y-axis: gradient norm(log scale), X-axis: discriminator layer number (from low to high)



1. Conv2d
2. lrelu
3. lrelu
4. lrelu
5. Conv2d