CSE425_Sec04
Quiz-04

ID: 1910107

Ans. To The Q.No.3

Yes, the formula Generator Loss = -log(D(G(z))) is correct. It is an alternative loss function for the generator in GAN. The original function is log(1-D(G(z))). However, this loss function can saturate and give poor gradient information to the generator, making it difficult to train. To solve this problem, the loss function can be changed to -log(D(G(z))).

ID-191101107

Ans. To the Q.No.4

DiscoGAN is a type of GAN that is designed to discover cross-domain relations between two unpaired, unlabeled dataset. Unlike traditional GAN with requires paired data to learn.

The key difference between Disco-GAN and the traditional GAN is its ability to learn relations using unpaired data. This makes it a powerful tool for tasks such as style transfer and image-to-image translation.