



What are GANs?

Deep GANs



Video: DCGANs

3 min



Reading: Reference: -
Unsupervised
Representation Learning
with Deep Convolutional
Generative Adversarial
Networks ,
tf.keras.layers.LeakyReLU
10 min



Lab: First DCGAN

1h



Video: Face Generator

6 min



Video: Face Generator
Discriminator
2 min



Reading: Reference: Layer
Normalization
10 min



Lab: CelebA GAN
Experiments
1h



Video: Conclusions
1 min

Week 4 Quiz: GANs

Assignment: Generate Hands with GANs

Course Resources

Acknowledgments



Reference: Layer Normalization

- Layer Normalization (Ba, Kiros & Hinton, 2016)

✓ Complete

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