AlexNet on CIFAR10:

After 60 Epochs, learning rate 0.01, using CrossEntropyLoss

Accuracy:

Not pre-trained: tensor(0.6927, device='cuda:0') Pre-trained: tensor(0.4099, device='cuda:0')

VGG18 on MNIST:

After 10 Epochs, learning rate 0.01, using CrossEntropyLoss Accuracy:

tensor(0.9918, device='cuda:0')

VGG18, Trained on MNIST tested on SVHN:

After 10 Epochs, learning rate 0.01, using CrossEntropyLoss Accuracy:

tensor(0.3881, device='cuda:0')