

MNIST-LeNet
(2 Blocks)

Convolution($20*5*5$)
Max-Pooling($2*2$)
Convolution($50*5*5$)
Max-Pooling($2*2$)
Block 1

Fully Connected($800*500$)
ReLU
Fully Connected($500*10$)
Block 2

MNIST-LeNet
(3 Blocks)

Convolution($20*5*5$)
Max-Pooling($2*2$)
Block 1

Convolution($50*5*5$)
Max-Pooling($2*2$)
Block 2

Fully Connected($800*500$)
ReLU
Fully Connected($500*10$)
Block 3

MNIST-MLP
(2 Blocks)

Fully Connected($784*500$)
ReLU
Block 1

Fully Connected($500*300$)
ReLU
Fully Connected($300*10$)
Block 2

Cifar10-ConvNet
(3 Blocks)

Convolution($32*5*5$, padding = 2)
Max-Pooling($3*3$, stride = 2)
ReLU
Convolution($32*5*5$, padding = 2)
ReLU
Avg-Pooling($3*3$, stride = 2)
Block 1

Convolution($64*5*5$, padding = 2)
ReLU
Avg-Pooling($3*3$, stride = 2)
Fully Connected($64*64$)
Fully Connected($64*10$)
Block 2