

9.1 Convolution

LATEST SUBMISSION GRADE

100%

1. How would you create a convolution object with a kernel size of 3

1 / 1 point

☒ 1 conv = nn.Conv2d(in_channels=1, out_channels=1, kernel_size=3)

☐

1 conv = nn.Conv2d(in_channels=3, out_channels=3, kernel_size=2)

✓ Correct
correct

2. Consider a 3X3 input matrix or Tensor and a 2X2 kernel, after convolution the out put will be a square matrix, what is the size of one of the dimensions of the square matrix

1 / 1 point

2

✓ Correct
correct