**nn.ReLU(inplace=False)**

**参数解释**

inplace：若为True，则改变输入数据，若为False则不改变

import torch

import torch.nn as nn

input = torch.randn(5)

print('输入处理前:', input, input.size())

print('\*'\*20)

relu1 = nn.ReLU()

output = relu1(input)

print('输入:',input)

print('输出:',output)

print("inplace=True:")

relu2 = nn.ReLU(inplace=True)

output = relu2(input)

print('输入:',input)

print('输出:',output)

>>>

输入处理前: tensor([-1.0334, 1.0926, 0.5506, 0.7292, 1.3297]) torch.Size([5])

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输入: tensor([-1.0334, 1.0926, 0.5506, 0.7292, 1.3297])

输出: tensor([0.0000, 1.0926, 0.5506, 0.7292, 1.3297])

inplace=True:

输入: tensor([0.0000, 1.0926, 0.5506, 0.7292, 1.3297])

输出: tensor([0.0000, 1.0926, 0.5506, 0.7292, 1.3297])