**nn.Module.parameters()**

parameters()会根据初始化函数返回一个生成器(迭代器)，生成器每次生成的都是torch.nn.parameter.Parameter类型的数据

class Net(nn.Module):

def \_\_init\_\_(self):

super().\_\_init\_\_()

self.linear1 = nn.Linear(2,3)

self.sigmoid = nn.Sigmoid()

self.linear2 = nn.Linear(3,1)

def forward(self,x):

out = self.linear1(x)

out = self.sigmoid(out)

out = self.linear2(out)

return out

net = Net()

for param in net.parameters():

param.requires\_grad=False*#该值本身为True*

print(param)

print(type(param))

>>>

Parameter containing:

tensor([[-0.6848, -0.3446],

[ 0.6377, 0.5495],

[ 0.0537, -0.5682]])

Parameter containing:

tensor([-0.3414, 0.3750, 0.3970])

Parameter containing:

tensor([[ 0.1097, 0.5652, -0.0602]])

Parameter containing:

tensor([-0.4353])

<class 'torch.nn.parameter.Parameter'>