20210424-周报总结

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| **小论文进展：** | **🞎阅读文献** | **🞎做实验** | **🞎撰写中** | **🗹其它** |
| **一、本周工作**   1. Pytorch中文官方文档，图像分类器。 | | | | |
| 1. **下周计划** 2. 开始看看<https://paperswithcode.com/sota>的内容。 | | | | |
| 1. **本周工作摘要**   **卷积模型：**  **class** **Net**(nn.Module):  **def** **\_\_init\_\_**(self):  super(Net, self).\_\_init\_\_()  self.conv1 = nn.Conv2d(3, 6, 5)  self.pool = nn.MaxPool2d(2, 2)  self.conv2 = nn.Conv2d(6, 16, 5)  self.fc1 = nn.Linear(16 \* 5 \* 5, 120)  self.fc2 = nn.Linear(120, 84)  self.fc3 = nn.Linear(84, 10)  **def** **forward**(self, x):  x = self.pool(F.relu(self.conv1(x)))  x = self.pool(F.relu(self.conv2(x)))  x = x.view(-1, 16 \* 5 \* 5)  x = F.relu(self.fc1(x))  x = F.relu(self.fc2(x))  x = self.fc3(x)  **return** x  net = Net()  数据集的展示：  **def** **imshow**(img):  img = img / 2 + 0.5 *# unnormalize*  npimg = img.numpy()  plt.imshow(np.transpose(npimg, (1, 2, 0)))  plt.show()  *# get some random training images*  dataiter = iter(trainloader)  images, labels = dataiter.next()  *# show images*  imshow(torchvision.utils.make\_grid(images))  *# print labels*  print(' '.join('%5s' % classes[labels[j]] **for** j **in** range(4))) | | | | |