ResNet

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root@autodl-container-d8774488f4-86d8ccee:~/autodl-tmp# python ResNet.py
Sequential output shape: torch.Size([1, 64, 56, 56])
Sequential output shape: torch.Size([1, 64, 56, 56])
Sequential output shape: torch.Size([1, 128, 28, 28])
Sequential output shape: torch.Size([1, 256, 14, 14])
Sequential output shape: torch.Size([1, 512, 7, 7])
AdaptiveAvgPool2d output shape: torch.Size([1, 512, 1, 1])
Flatten output shape: torch.Size([1, 512])
Linear output shape: torch.Size([1, 10])
epoch 1, loss 0.4228, train acc 0.845, test acc 0.873
epoch 2, loss 0.2366, train acc 0.912, test acc 0.848
epoch 3, loss 0.1803, train acc 0.933, test acc 0.889
epoch 4, loss 0.1436, train acc 0.947, test acc 0.789
epoch 5, loss 0.1115, train acc 0.958, test acc 0.905
epoch 6, loss 0.0846, train acc 0.969, test acc 0.900
epoch 7, loss 0.0639, train acc 0.977, test acc 0.844
epoch 8, loss 0.0495, train acc 0.982, test acc 0.850
epoch 9, loss 0.0351, train acc 0.988, test acc 0.868
epoch 10, loss 0.0267, train acc 0.991, test acc 0.901
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```

有点过拟合，但结果还好。