和n

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| vggnet | | | | | |
| A | A-LRN | B | C | D | E |
| 11 layers | 11 layers | 13 layers | 16 layers | 16 layers | 19 layers |
| 输入 （的RGB图像） | | | | | |
| Conv3-64 | Conv3-64  LRN | Conv3-64  Conv3-64 | Conv3-64  Conv3-64 | Conv3-64  Conv3-64 | Conv3-64  Conv3-64 |
| maxpool | | | | | |
| Conv3-128 | Conv3-128 | Conv3-128  Conv3-128 | Conv3-128  Conv3-128 | Conv3-128  Conv3-128 | Conv3-128  Conv3-128 |
| maxpool | | | | | |
| Conv3-256  Conv3-256 | Conv3-256  Conv3-256 | Conv3-256  Conv3-256 | Conv3-256  Conv3-256  Conv1-256 | Conv3-256  Conv3-256  Conv3-256 | Conv3-256  Conv3-256  Conv3-256  Conv3-256 |
| Maxpool | | | | | |
| Conv3-512  Conv3-512 | Conv3-512  Conv3-512 | Conv3-512  Conv3-512 | Conv3-512  Conv3-512  Conv1-512 | Conv3-512  Conv3-512  Conv3-512 | Conv3-512  Conv3-512  Conv3-512  Conv3-512 |
| Maxpool | | | | | |
| Conv3-512  Conv3-512 | Conv3-512  Conv3-512 | Conv3-512  Conv3-512 | Conv3-512  Conv3-512  Conv1-512 | Conv3-512  Conv3-512  Conv3-512 | Conv3-512  Conv3-512  Conv3-512  Conv3-512 |
| Maxpool | | | | | |
| FC-4096 | | | | | |
| FC-4096 | | | | | |
| FC-1000 | | | | | |
| Soft-max | | | | | |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| layer name | output size | 18-layer | 34-layer | 50-layer | 101-layer | 152-layer |
| conv1 | 112×112 | 7×7,64，stride 2 | | | | |
| conv2\_x | 56×56 | 3×3 max pool，stride 2 | | | | |
|  |  |  |  |  |
| conv3\_x | 28×28 |  |  |  |  |  |
| conv4\_x | 14×14 |  |  |  |  |  |
| conv5\_x | 7×7 |  |  |  |  |  |
|  | 1×1 | Average pool ，1000-d fc，softmax | | | | |
| 参数 |  |  |  |  |  |  |