```
input: (64,64,3)
 (In.chan = 3, out.chan = 16, kccsiz = (7,7)
         phensiz. (spadding 64-7+(2x0) + 1 = 58
            1 > stride
(58,58,16) > activation chape = 58 x 58 x 16 = 53824
                  parameters = [ (7x7x3) +1] x 16 = 2368
 ReLU
 (58,58,16)
     1
  Max pooling Max pool (22), stride=2
                  \frac{58-2}{2}+1=29
 (29, 29, 16) = activation shape: 29 x 29 x 16 = 13, 456
                  parameters: 0
   (conv2d (in.chan=16, out.chan=32, ber.siz=(7,7))
                    29-7+(2\times0)+1=23
   (23,23,32) > activation shape: 23 x 23 x 32 = 16928
                     parameters: [ (7x7x 16) +1] x 32 = 25120
     ReLU
      (23, 23, 32)
                                                                              total parameters: 496 285
      Moxpooling Mexpool (1,2), stride=2
                    \frac{23-2}{2}+1=11.5=11
       (11,11,32) = activation shape: 11×11×32 = 3872
                   parameters : 0
          flatten = (11x11x32, 1)
          (3872,1)
           [Lincar] (In=-, out=120) > parameters: (120 x 3672) + (1x+20) = 464760
           linear (1n=170, out=32) > parameters; (32 x 120) + (1 x 32) = 3872
           linear (in=22, 64=5) > Parameters: (+x32) + (1x5) = 165
```