O Object detection

Ly End good in To product bounding box and object probability Pc

L> step 1 1 is to encole the image wing CMM.

Ext. 608 × 100 × 3 (NN > 19×19× no g anchor boxu × no g don

Eige Say he have 608 x 6.8 x 5 maye, he have 5 anchor bossel,

608 × 608 ×3 CNN > 19×19 × 5 × 81

heri 80-silam hat ear bat her 5 parmi bxib, ib mi hor, Pe

[e,bx,b1,bw, c] -> [81/"]"

Now, 19x19 45x85 -> [19x19 x 5x 2 , 19x19 x 4 x 2]

Probability that on I present inean the four home

the class propos

Mow

Step 2 !- Lompute box locker Is we have 19×19 good and for each grown in how I have and for each him how so class probles à object present promprobables Ly => 601 16044 Bx = AxB = 19x19x5x80 Now Bx, Contain the problem, that on Object is provide with llow probability for each of the to fine Loxur in each grid con -> for each grid he have of Loser and here of lors box stores. Now for each boxes in each grid / find ToN work, had rumition say in the third good we have 5 hours € = [0.1, 0.1] - 0.5, 0.1, 0.1] mare = 007 2 502 1 = [ba; ba, ba; bush 1

Scanned with CamScanner

Ion he cheer I the box Mer in the good one
- Hachold,
deleto
The repeat this step until he has kept/runn bolled
for each has there are 80 claim que find most value j Class barrier will have I value (cash for each by)
Wear and
Est Sony in an checkin for boxu an gril 1 (out of 192119 gril).
bas/ [Pc, bx, by, bn, bw, (1, (2
bre-2 [Pez / bx, by, 1 · · · · · · · · · · · · · · · · · ·
box 32 ()
buy: []
has-[]
Now box_1 store = Pc'C3 = 0.7 (aunfil's immon)
A Arma C V A C C
bot - 5 sum = 0.5, por 4 km = 0.6, box-5 som = 0.5
low, boay threshol in oil, therefore box-1, box-4 will be 104
The beautiful to the set level

Scanned with CamScanner

remain / filterin bour, npply onvleypiy I by Clan to high other filked boxes (filker by stone descented preventy)

by Say You have loo images with three claw [Person, but , bell (Exicket imye).

Step 1: Build a CMN to encode the Traje Toto 19x19x5 · (Bostere of (ba, by, bh, bu, le a Perus, but, bun)

Ly how?

Engut has 600x600x8 architem) 19x19x f + 1

You have los junties to lampute long below predicted boson & own boxer (drawn)

once CMM model in fraimed of suit, the model of The right are used for other election has at new) ne or this & this enaded impage in pound 10 Yolo L?

Ereps + Vol. mer the ologorithm direct before.