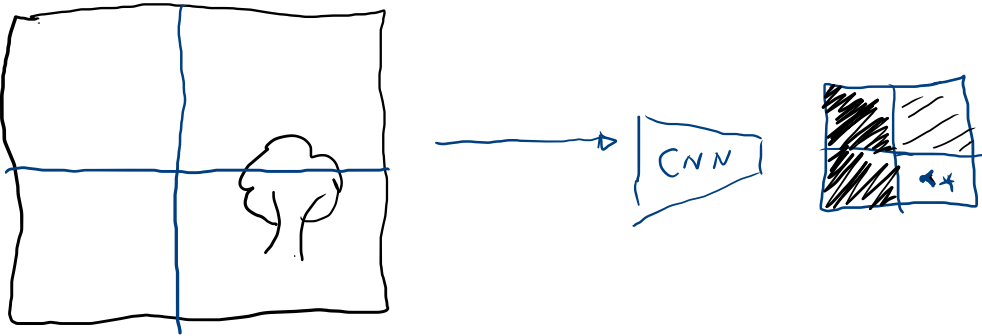
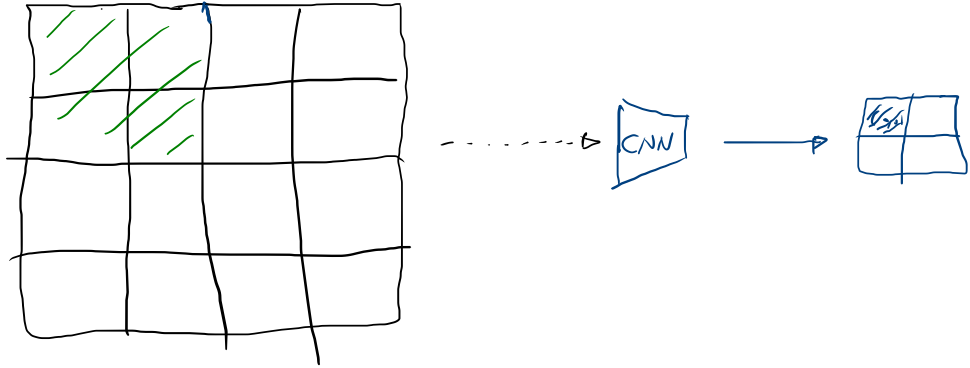
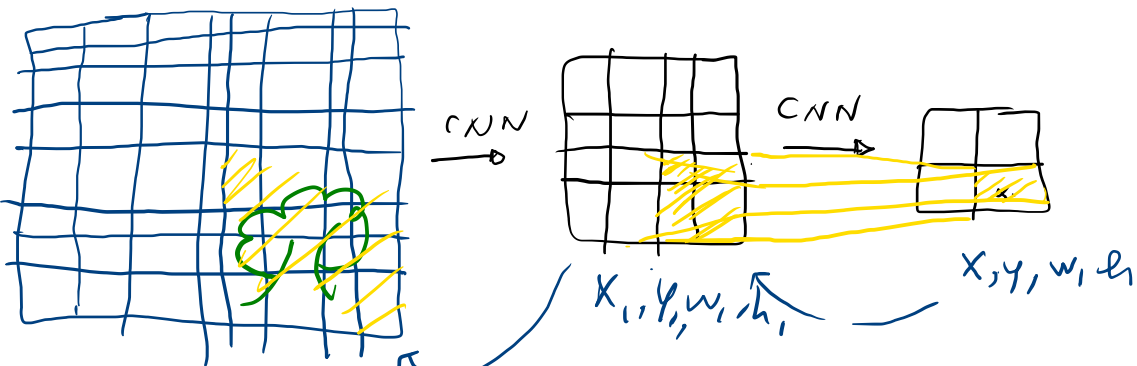


SSD - coding

OO → SW

Tree





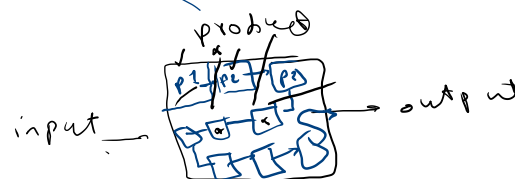
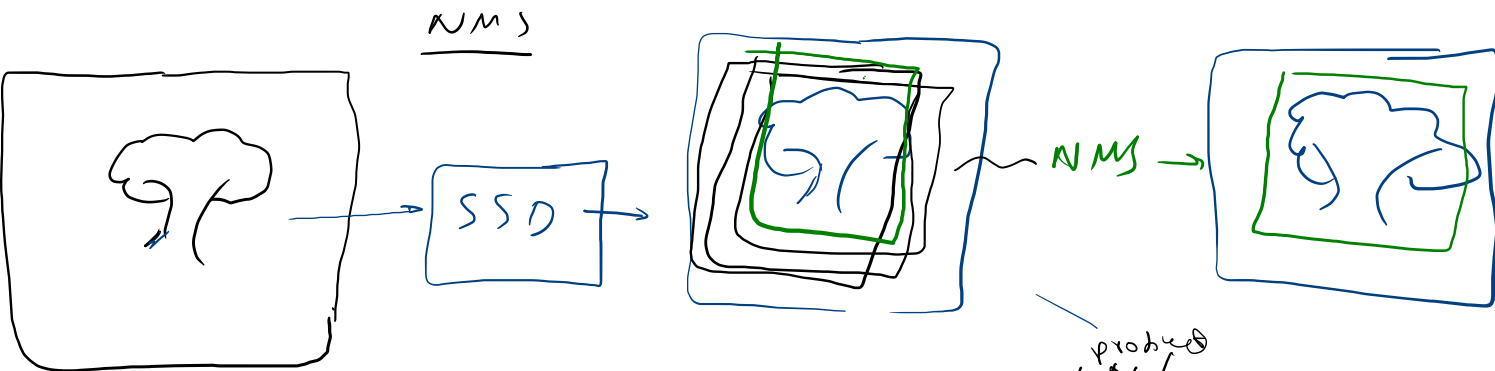
→ X_2, Y_2, W_2, H_2 ←

gt: $X_{gt}, Y_{gt}, W_{gt}, H_{gt}$

→ Smooth L1 Loss

→ C_0, C_1, C_2, C_3 ←

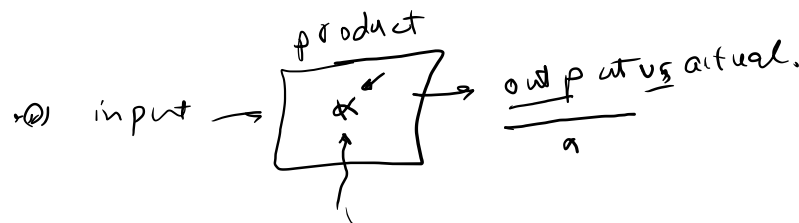
gt
o: tree $[1, 0, 0, 0]$



Test →

white test →

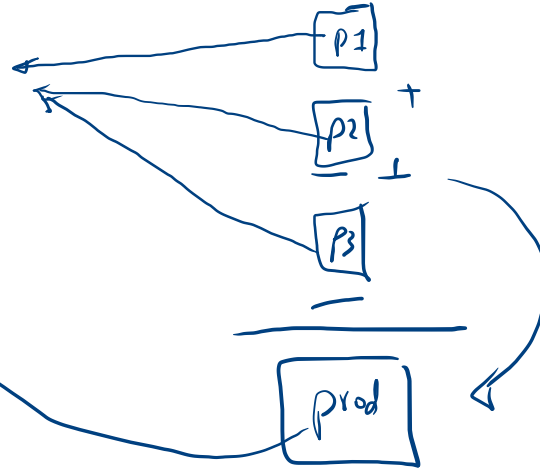
black test →



requirement.

verification test
 α

validation test

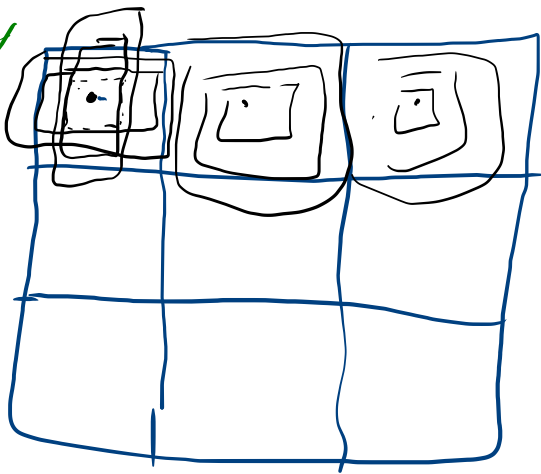


End

سریع ترین روش SSD نسبت به Faster RCNN

استخراج ROI

Faster RCNN



9



Faster RCNN



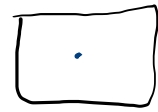
FE



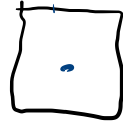
FE



FE



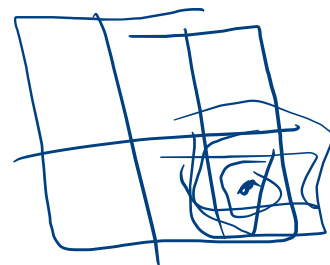
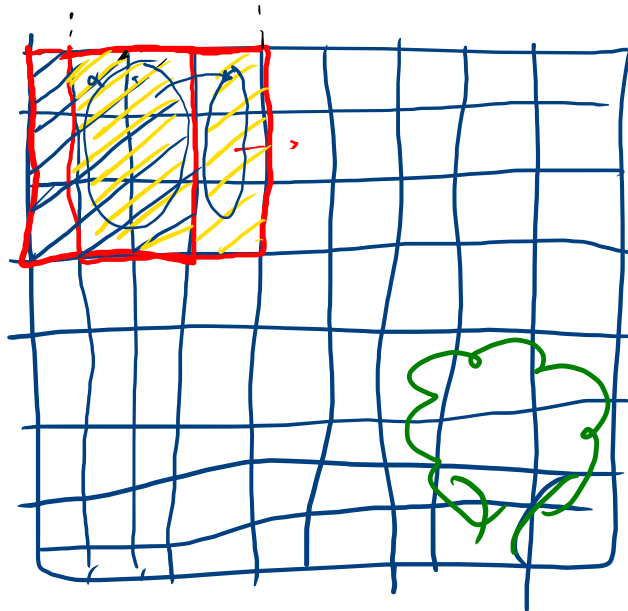
FE



FE

SSD

base anchor



ROI → orig -

باصبر كوا