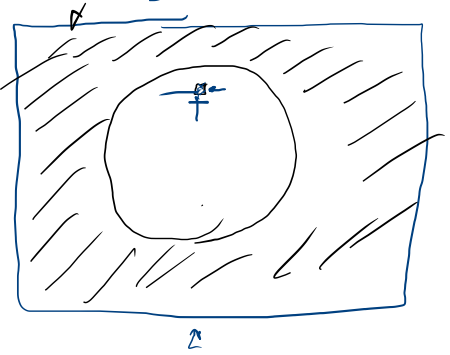
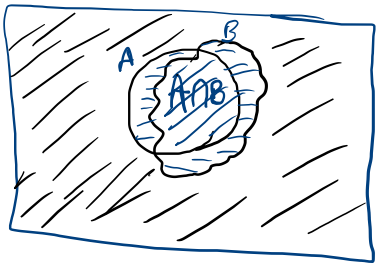
gt - True



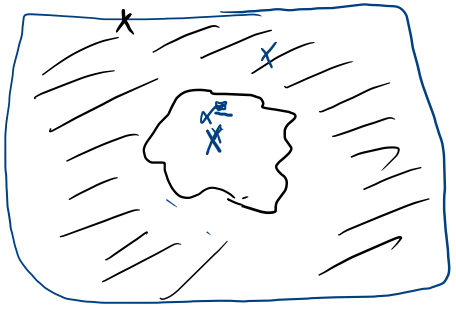


=> IOU = $\frac{A \cap B}{A \cup B}$

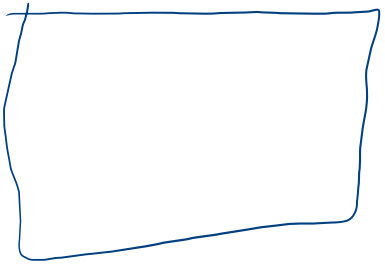
$A+B-A \cap B$

and →

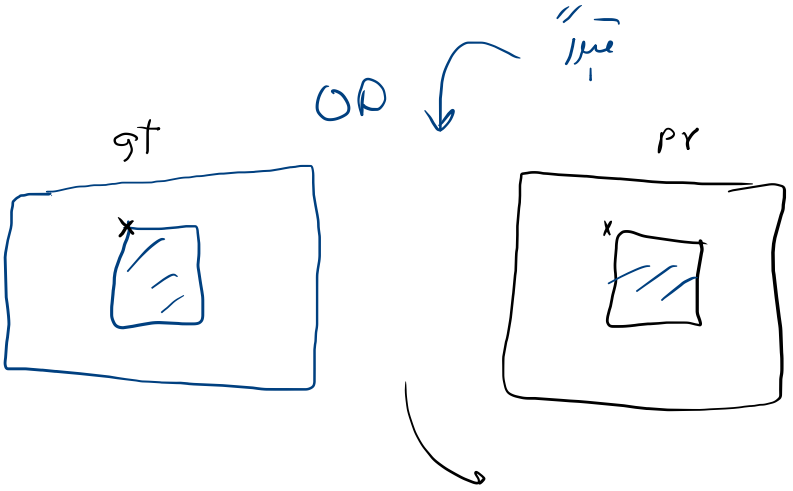
predicted

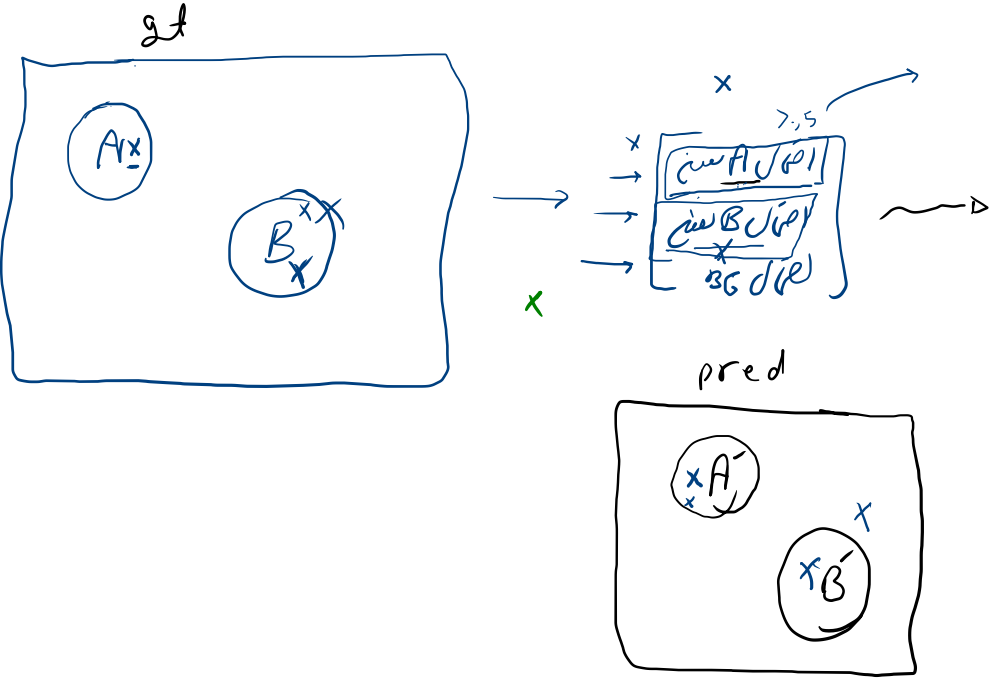


img



unet →


OP
p1
p2


gt
A
B
pred
A'
B'
IOU =

تعداد کمتری دیتا مورد نیاز

برای Train کردن مدل

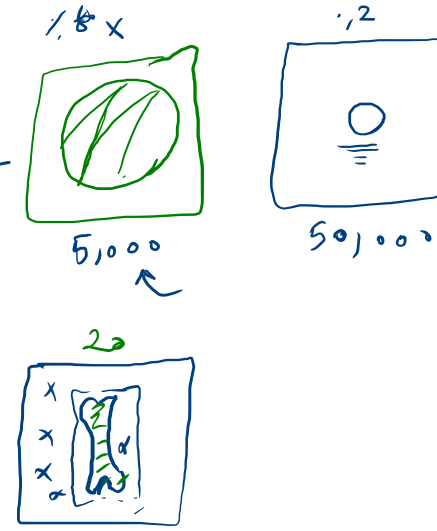
object مد نظر چه مقدار از تصویر

را به خود اختصاص داده است!

∝ resolution ها

تعدد object

بیشتری → more!



ROI


Segnet

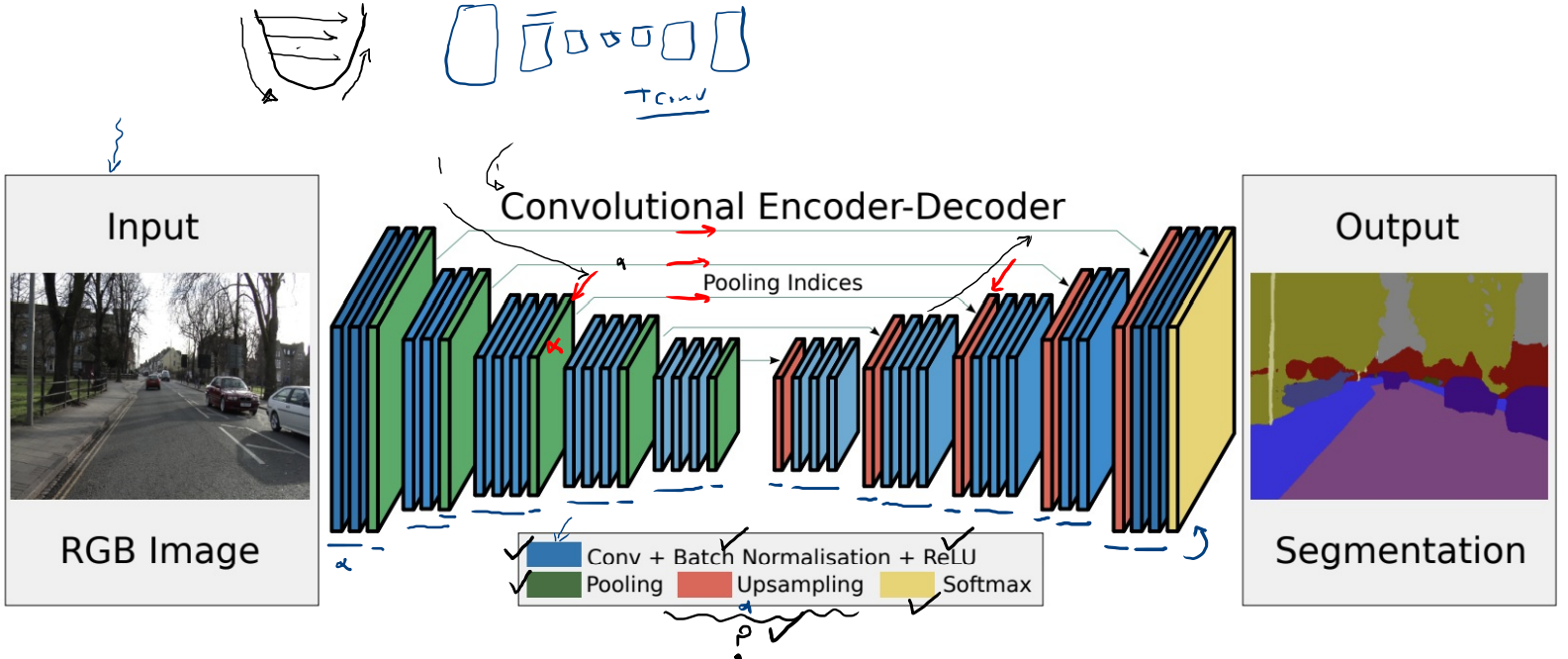
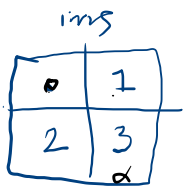
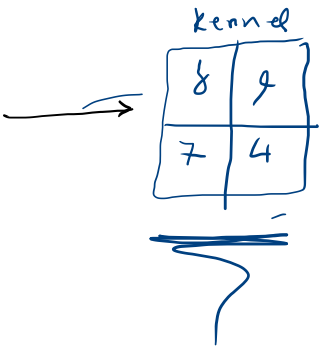


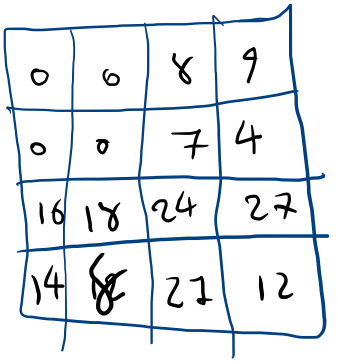
Fig. 2. An illustration of the SegNet architecture. There are no fully connected layers and hence it is only convolutional. A decoder upsamples its input using the transferred pool indices from its encoder to produce a sparse feature map(s). It then performs convolution with a trainable filter bank to densify the feature map. The final decoder output feature maps are fed to a soft-max classifier for pixel-wise classification.

T Conv

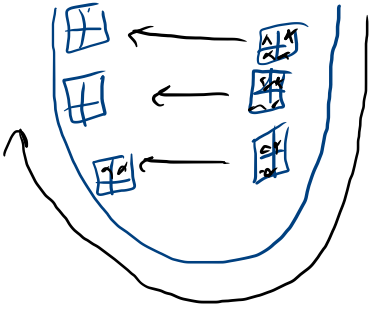




→ T Conv



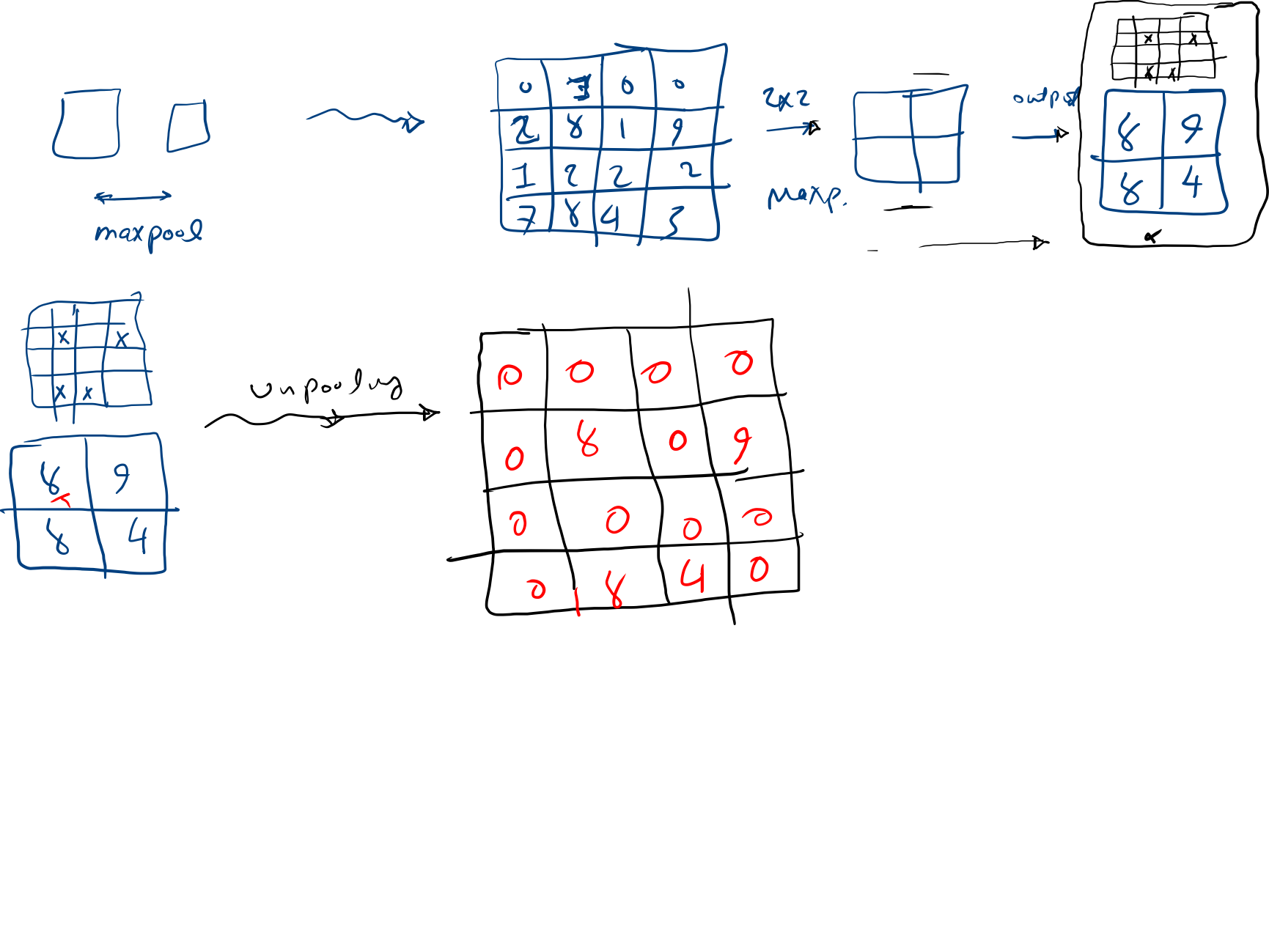
Conv



Segnet ← می‌بازسازیم از Unet الهام گرفته‌ام ~~Seg~~

اگر بخواهیم از Tconv استفاده نکنیم! به جای Tconv، برای بزرگ کردن

Fm ی از upsampling استفاده میکنم!


maxpool
2x2
maxp.
output
unpooling


the End