

**PhD**

**DSSD Deconvolutional Single Shot Detector ax1701.06659**

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Replaces the VGG net used in SSD with resnet 101 and also adds a deconvolution module to supposedly allow better feature context or something like that;

main contribution seems to be that these relatively simple high level changes do not work out of the box so a lot of hacky tricks are introduced to get them to work;

supposedly outperforms RFCN on all of the tested data sets;