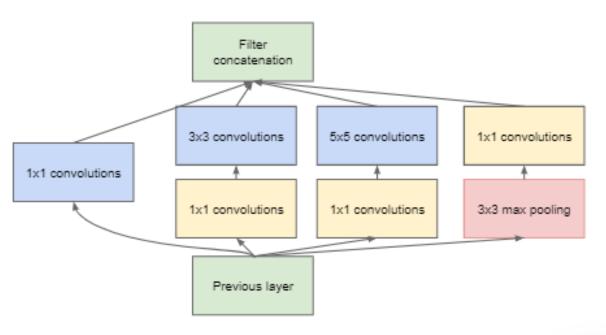
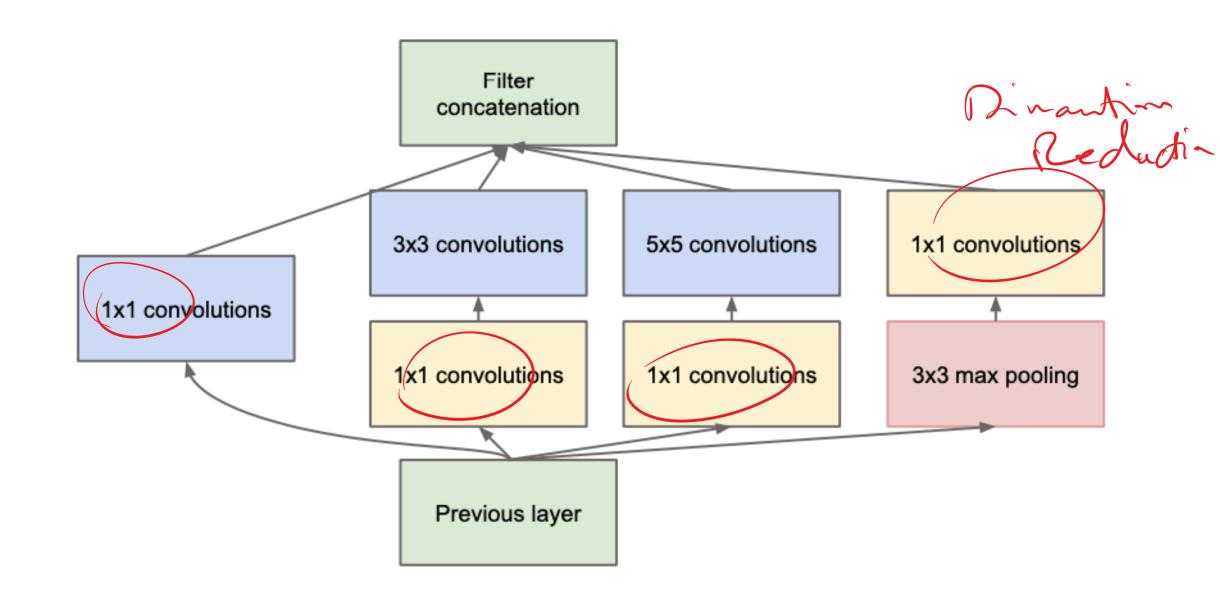
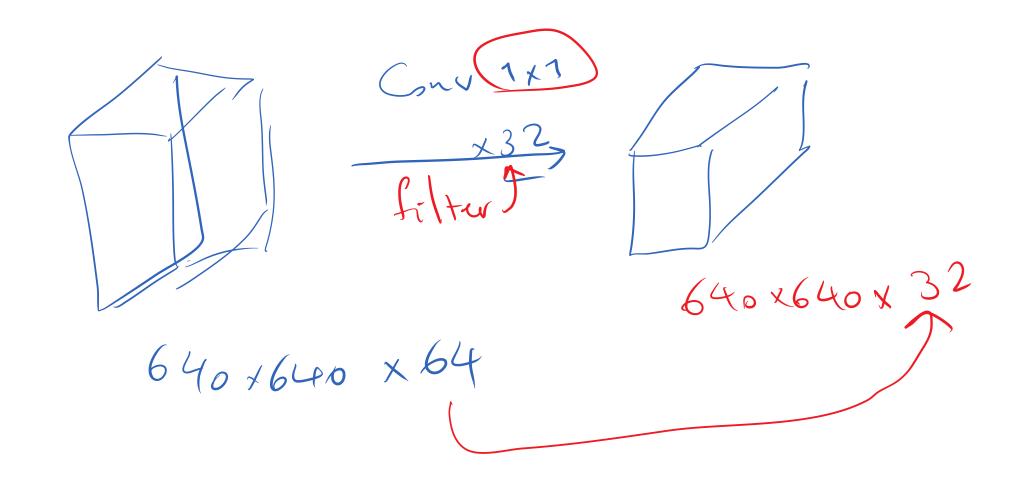


(a) Inception module, naïve version

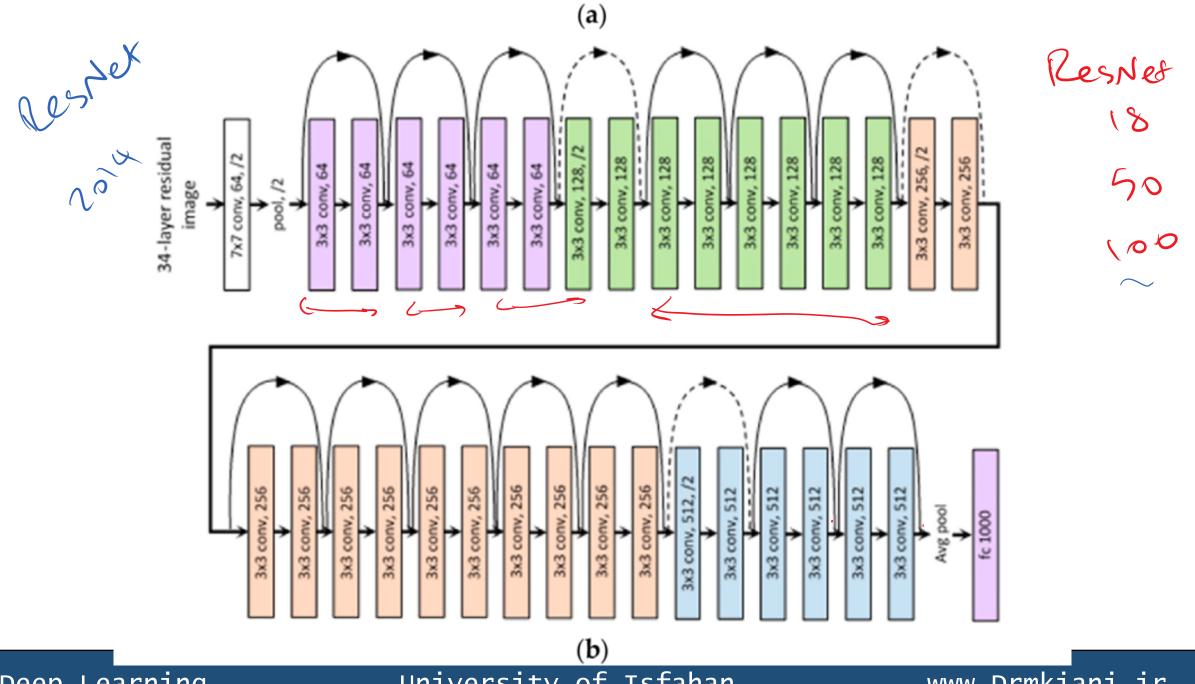


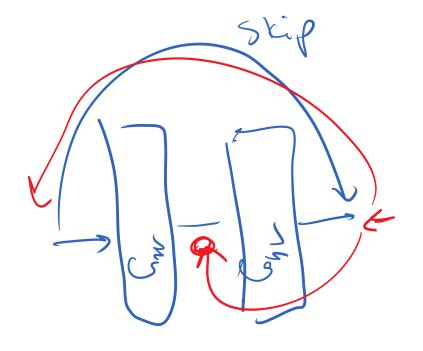
(b) Inception module with dimension reductions

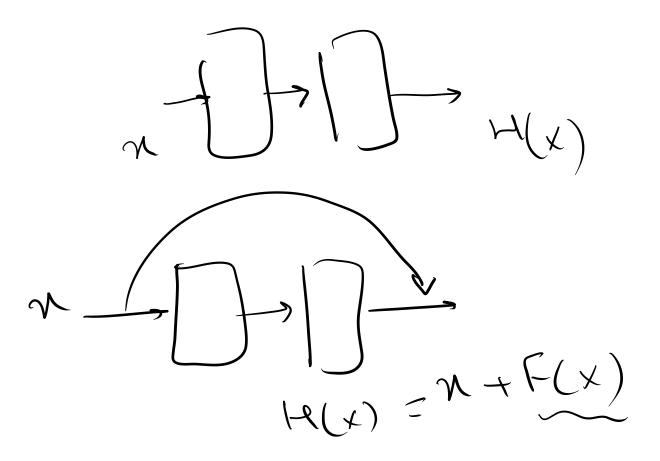




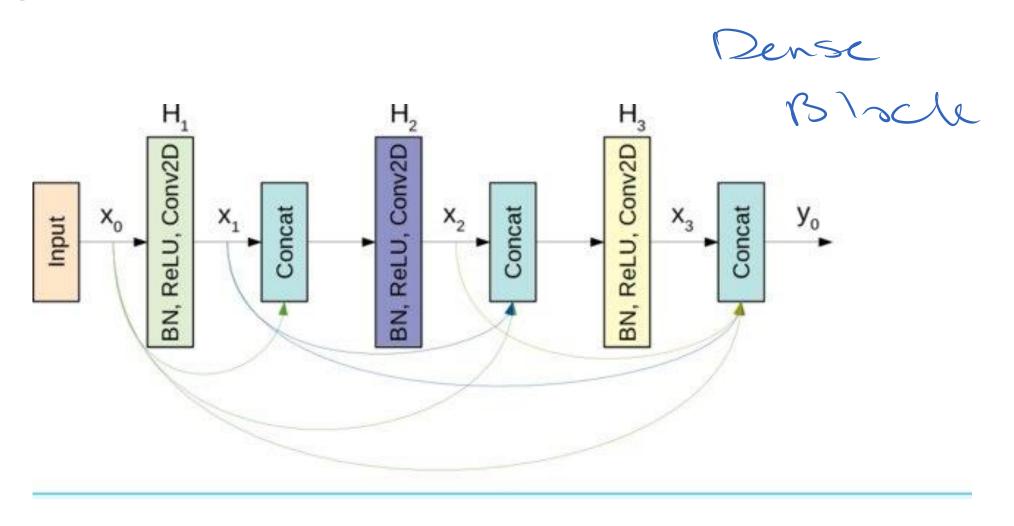
inceptin Modules out 1



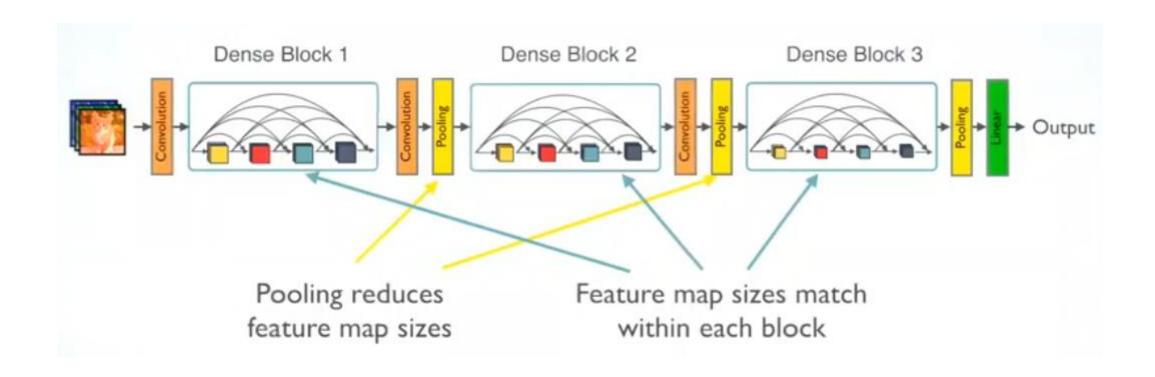




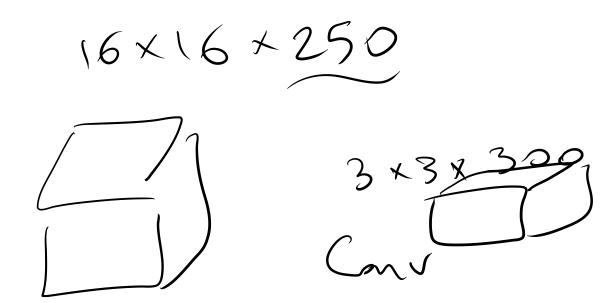
DensNet 2017



DenseNet

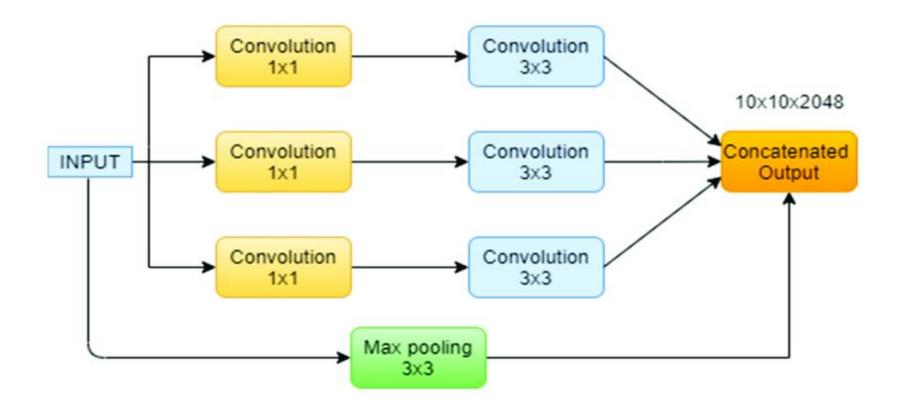


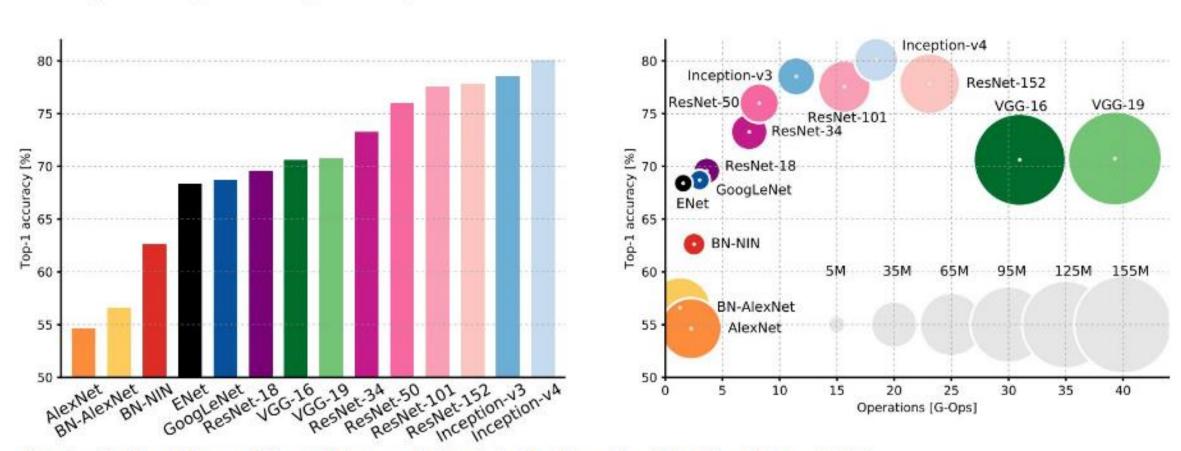
Depheise Sependo Mobile Nex Depth Separable Convolution (DSC) $D_k \times D_k, f, f'$ $r \times c \times f$ $1 \times 1 \times f'$ $r \times c \times f'$ D_k^2 D_k^2 1x1x16 ->1xCX16 rxc × 64



XCeption 2017

Xception Architecture





An Analysis of Deep Neural Network Models for Practical Applications, 2017.

CNN Auto Encoder

