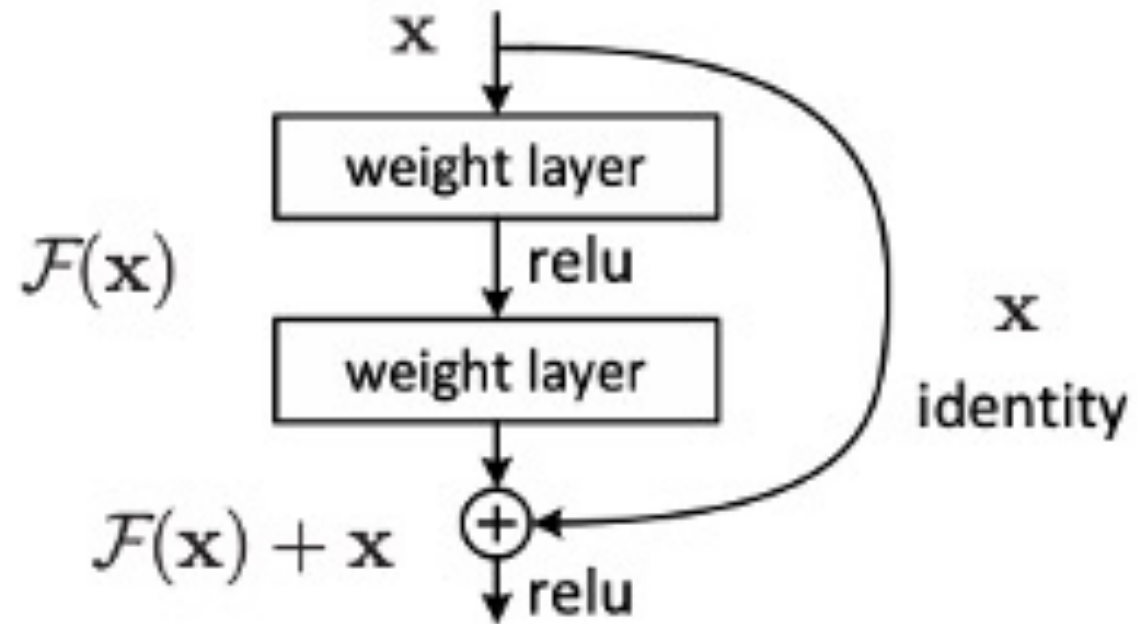


ResNet Family Architectures

Contents

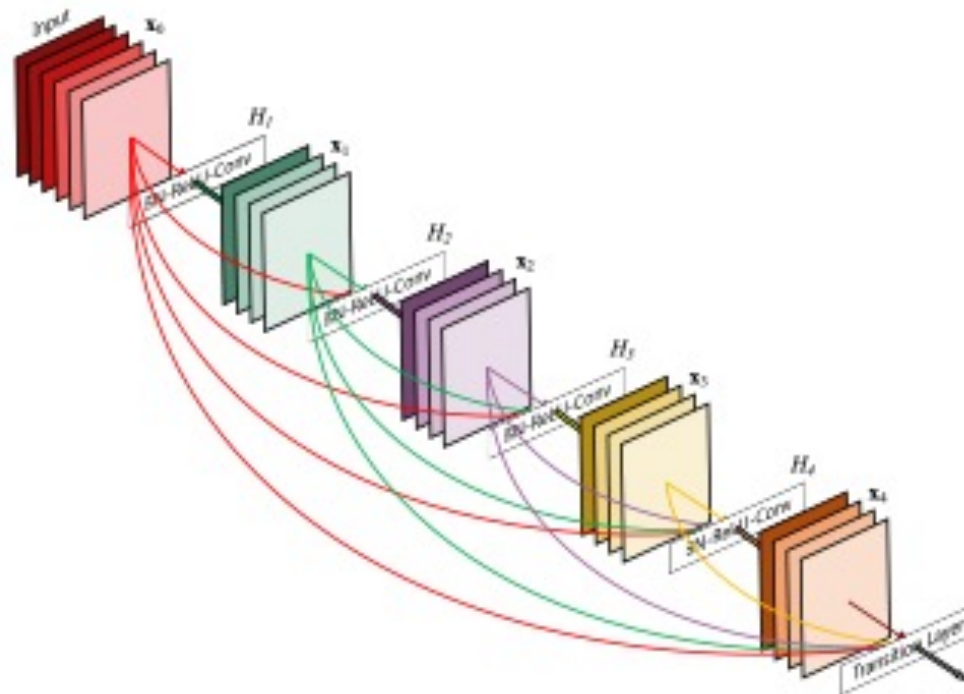
- ResNet – Deep Residual Learning for Image Recognition
- DenseNet – Densely Connected Convolutional Networks
- ResNeXt – Aggregated Residual Transformations for Deep Neural Networks
- SENet – Squeeze-and-Excitation Networks
- Res2Net – Res2Net: A New Multi-scale Backbone Architecture
- ResNeSt – ResNeSt: Split-Attention Networks

ResNet



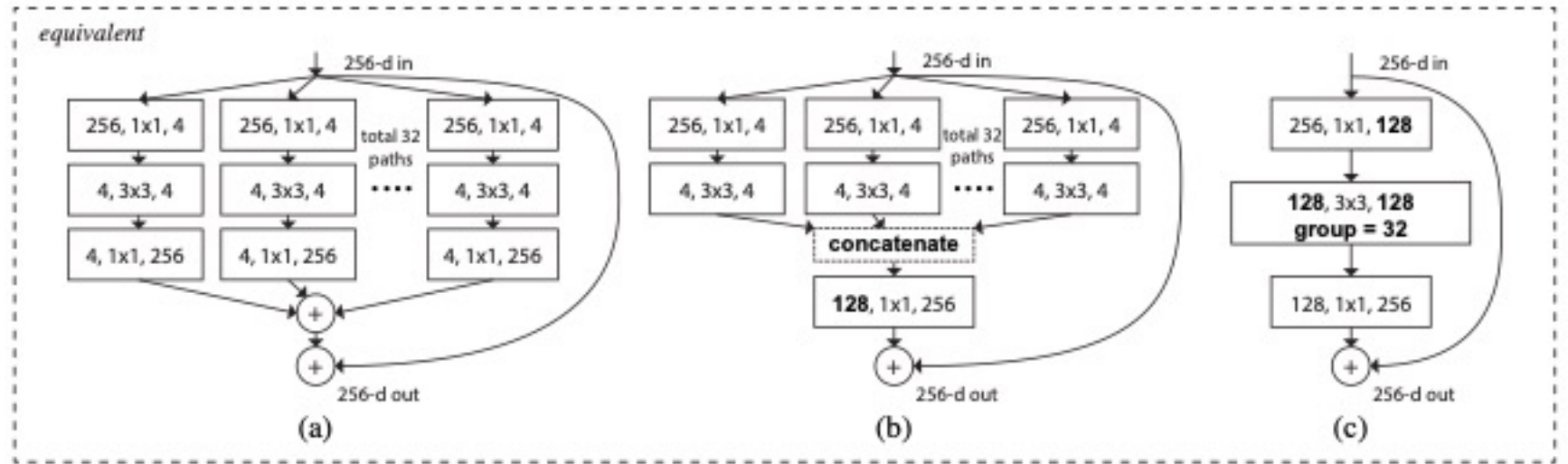
ResNet building block

DenseNet



DenseNet building block

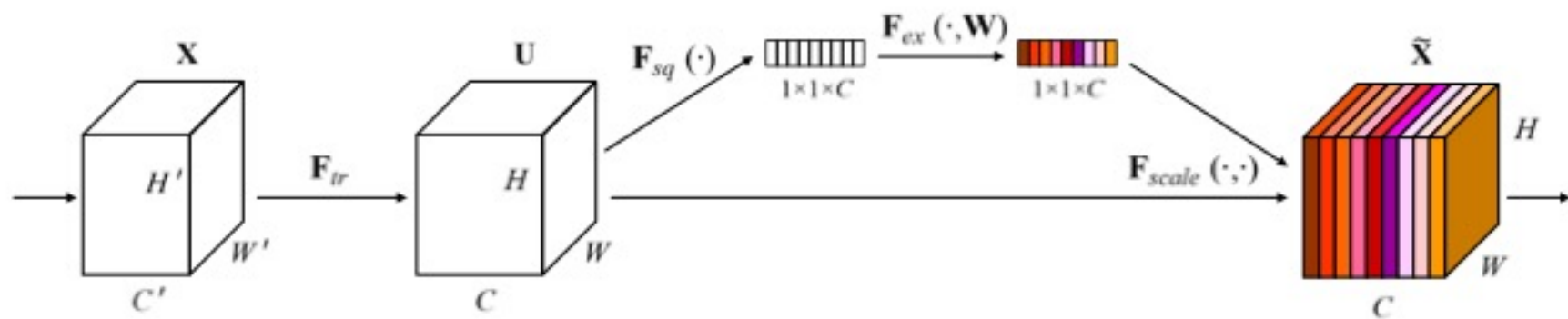
ResNeXt



ResNet building block

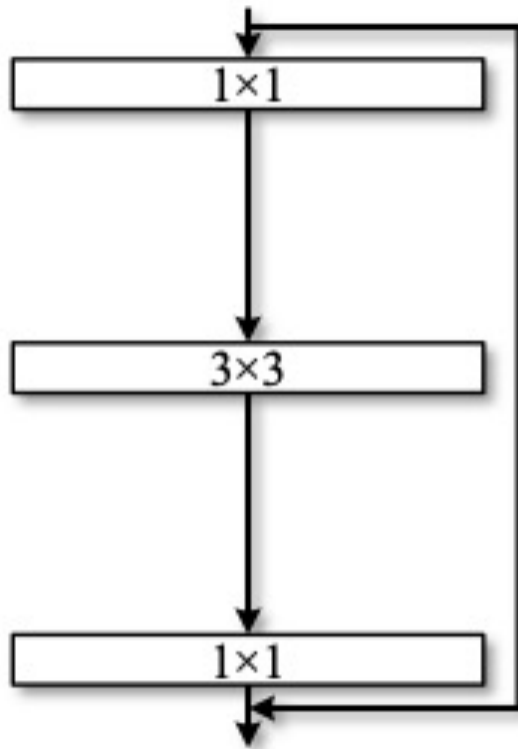
ResNeXt building block

SENet

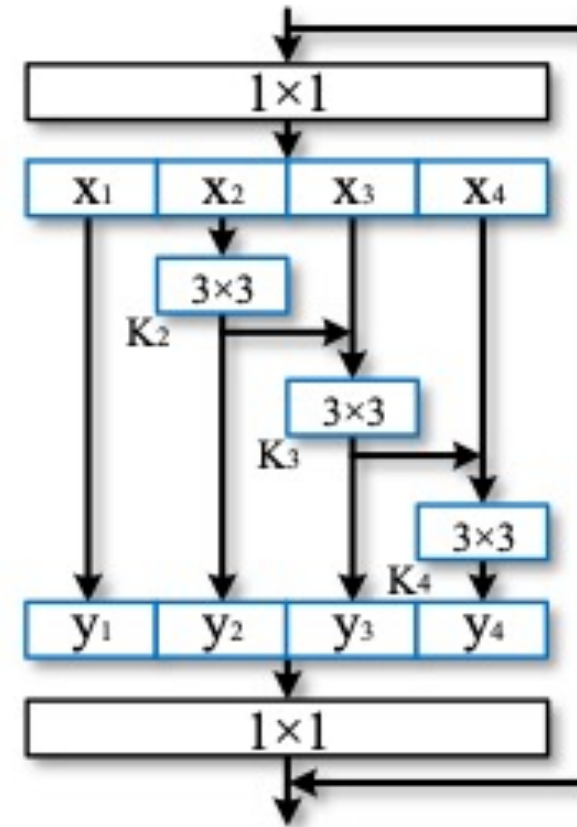


SENet building block

Res2Net

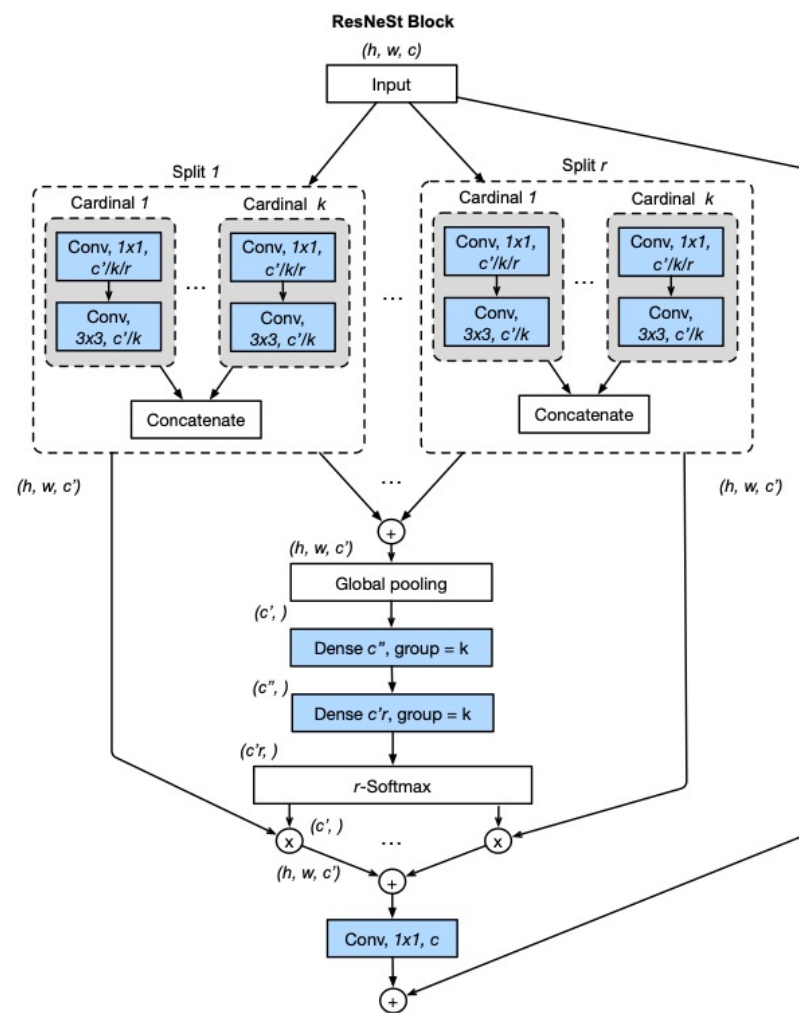


Common CNN building block



Res2Net building block

ResNeSt



ResNeSt building block