

FSnet: A Faster & Smaller Efficient-based Salient Object Detection

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Introduction : Salient Object Detection

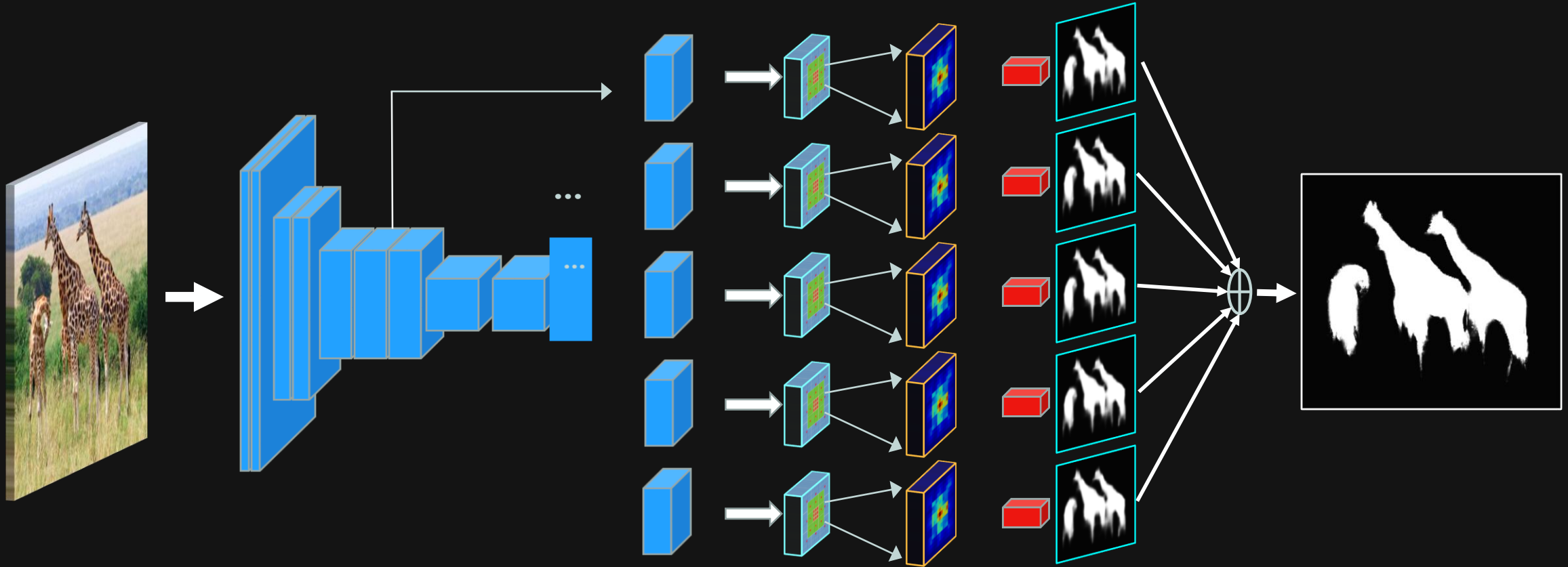


Color Image

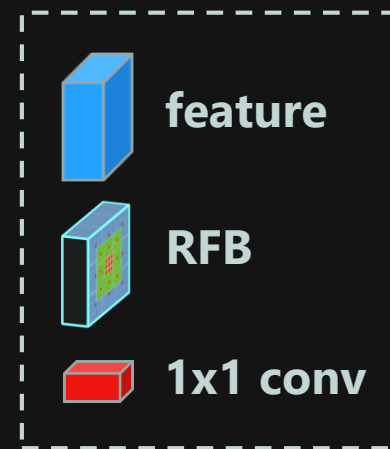
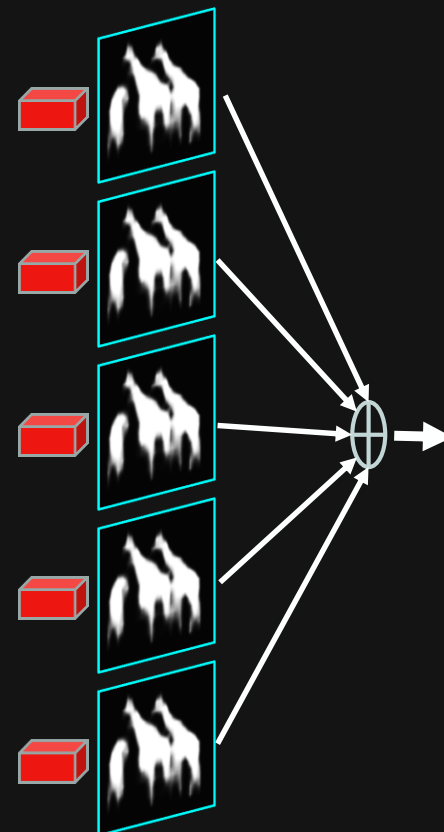
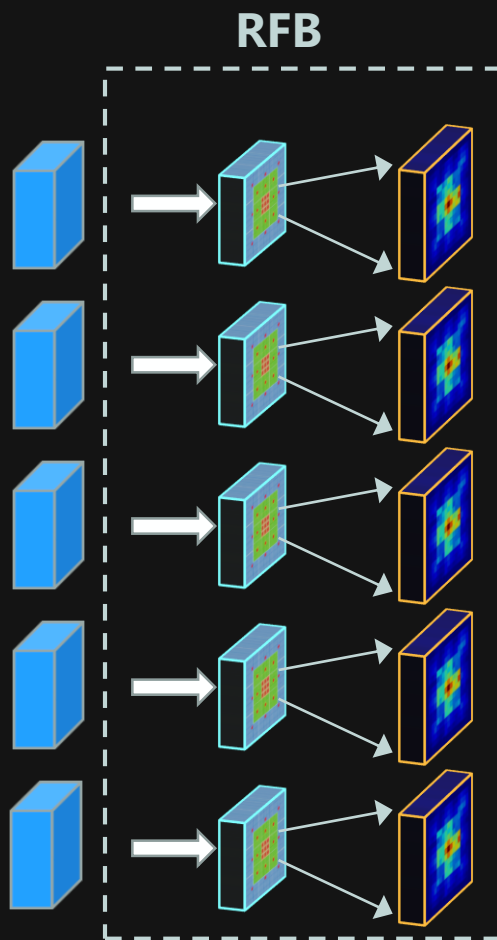
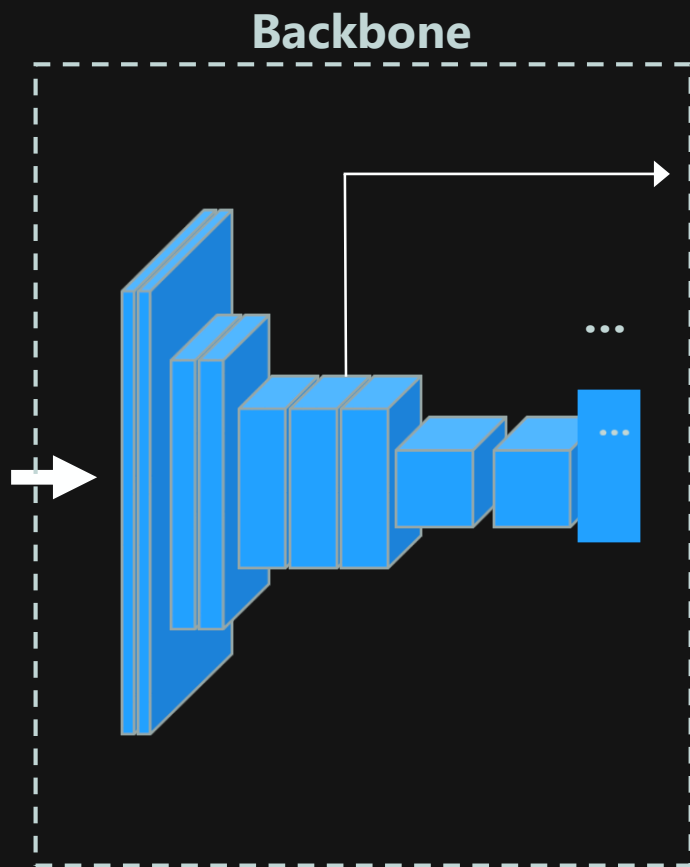


Salient Mask

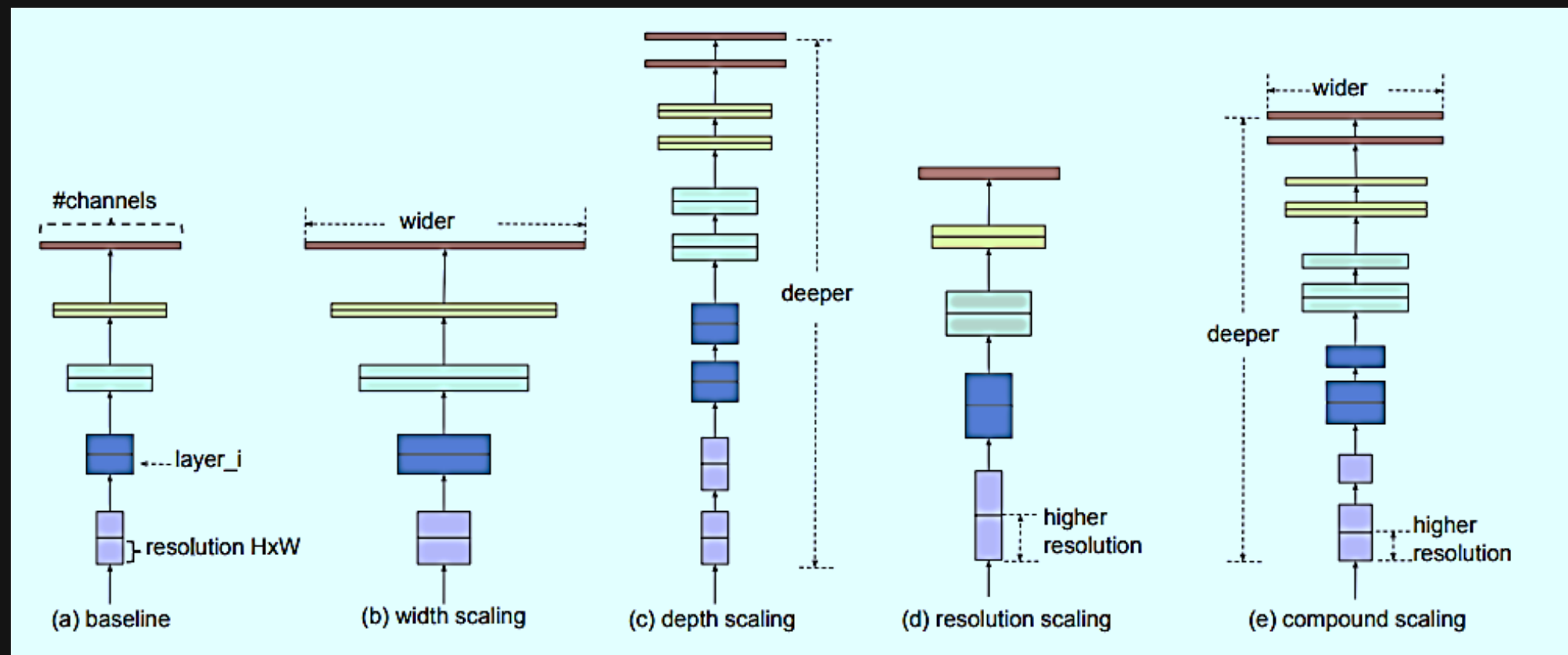
Our Method : EfficientNet + RFB



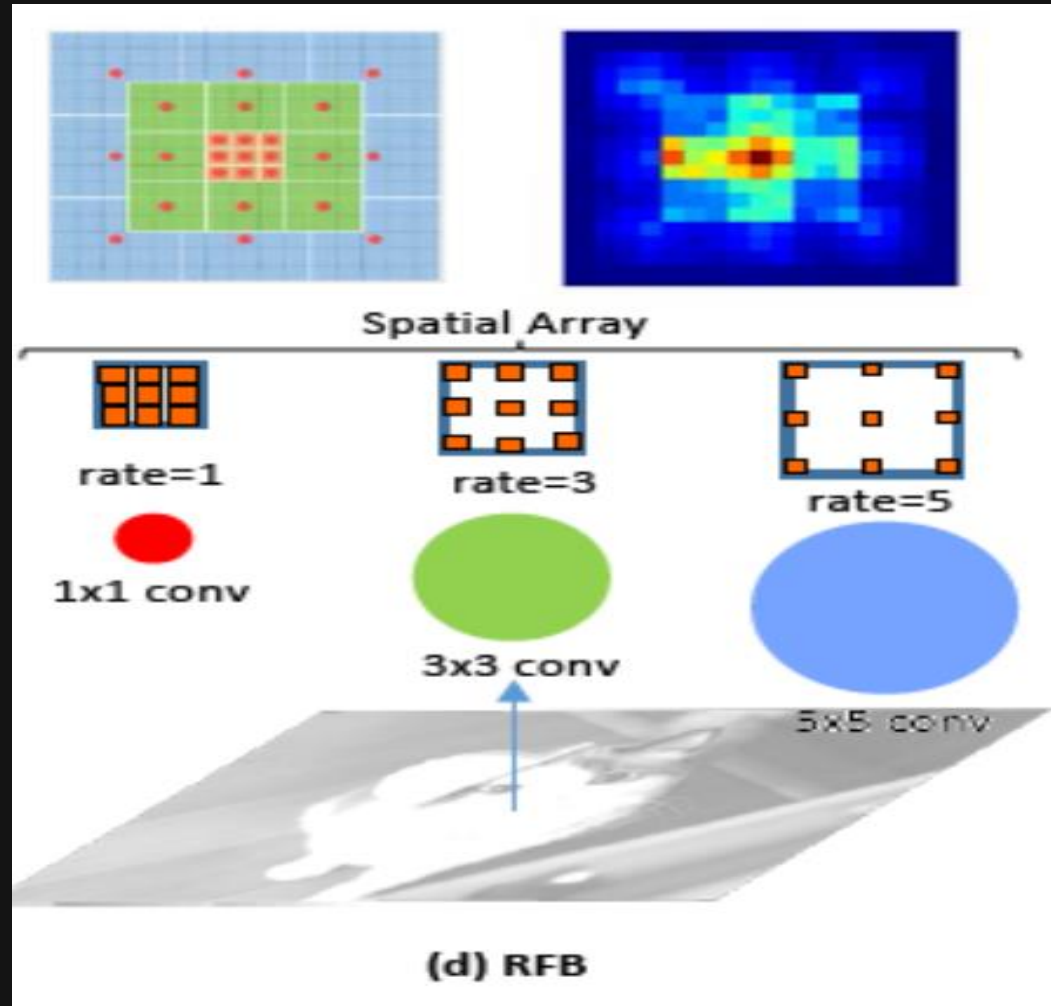
Our Method : EfficientNet + RFB



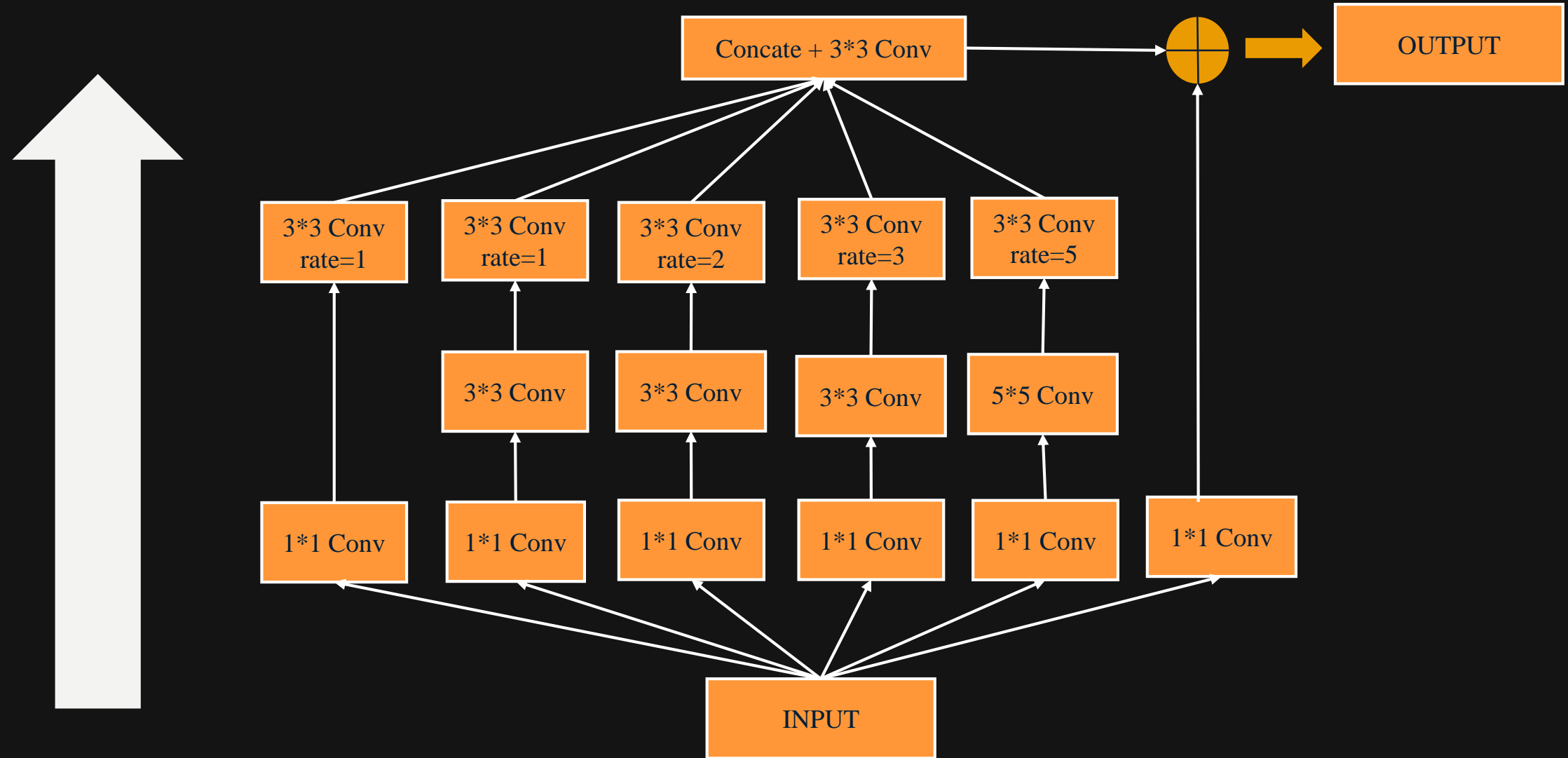
Our Method : Backbone EfficientNet



Our Method :RFB (Receptive Fields Block)



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Our Method :Training detail

1. 在英伟达2080Ti显卡上运行
2. 只需60分钟即可完成1.2万个epoch的迭代, batchsize=16
3. 测试速度: 40 fps (超实时)
4. Pytorch框架

THANK YOU!
Q&A