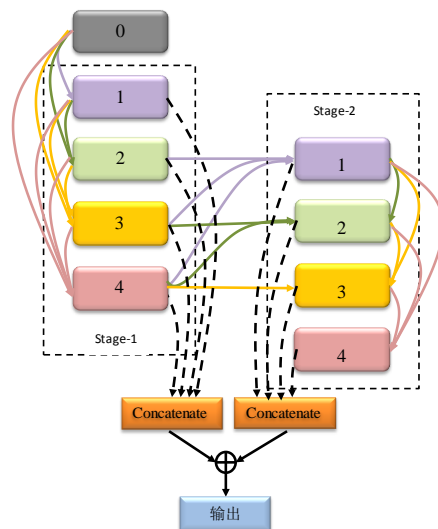


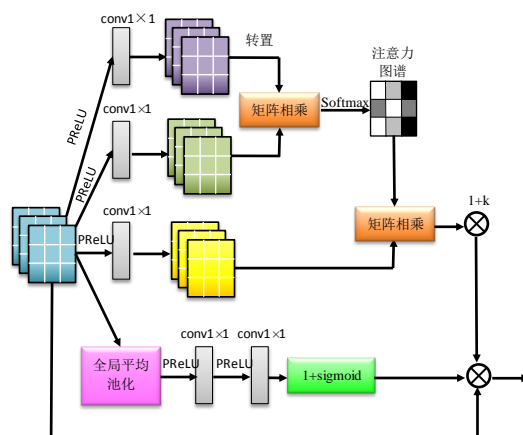
Backbone: CliqueNet (some modify)

<< Convolutional Neural Networks with Alternately Updated Clique >>



Tricks:

Attention



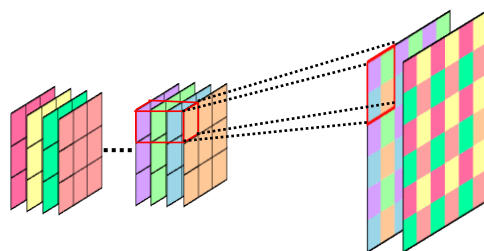
Deformable Convolutional

<<Deformable Convolutional Networks>>

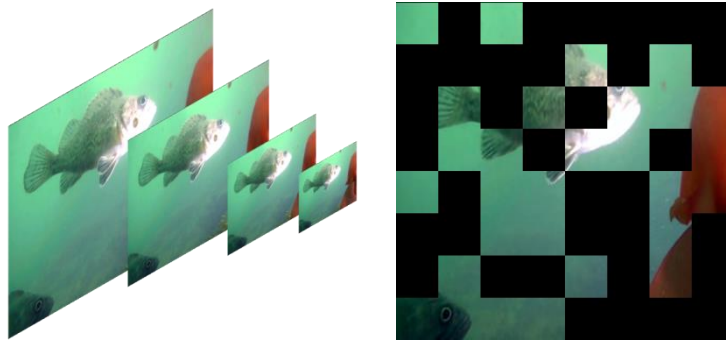
Decoupled Networks

<<Decoupled Networks>>

DepthToSpace FPN



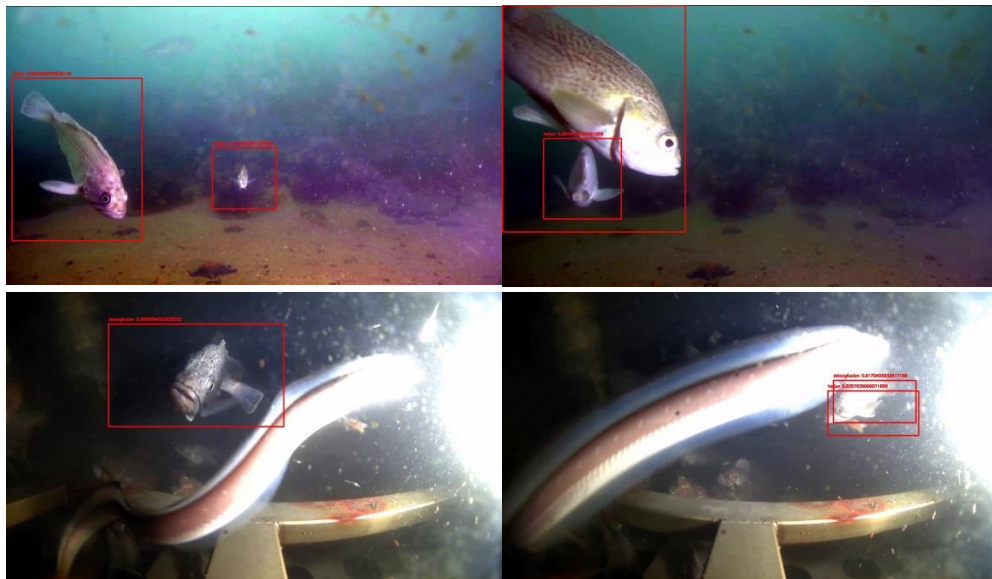
## Multiscale and Random Hide Training



Step:

- 1、VOC-like Data prepare
- 2、generate anchors
  - (1) modify the root:  
generate\_anchors.py→line 90 and line 101
  - (2) python generate\_anchors.py
  - (3) modify the anchors:  
CliqueDecoupledConvFPN.py→line 200  
train.py→line 32
- 3、Train
  - (1) modify the root:  
Train.py→line 75 and line 94
  - (2) prepare test images  
Prepare test images in folder test\_images/detection
  - (3) python train.py

Some results:



(notice: we have no label in dataset for Huang Wei)