

## Papers and Code

### 1. Edge Detection Based on Codec

CEDN:

<https://github.com/HyeonwooNoh/DeconvNet>

<https://arxiv.org/abs/1505.04366>

CASENet

<https://sci-hub.ru/10.1109/CVPR.2017.191>

Download source code here

<https://www.merl.com/research/license/CASENet>

RINDNet

<https://github.com/MengyangPu/RINDNet>

### 2. Edge Detection Method Based on Network Reconstruction

N4-Fields

<https://paperswithcode.com/paper/unsupervised-domain-adaptation-by>

COB

<https://cvlsegmentation.github.io>

AMH-Net

—Authors have removed GitHub repository since publication

### 3. Edge Detection Based on Multi-Scale Feature Fusion

Deep Edge

<https://arxiv.org/pdf/1412.1123.pdf> Architecture is in the paper, but they didn't post to Github, and based on ARXIV, no one else has published code for this specific model

HED

<https://github.com/s9xie/hed>

HFL

RDS

[https://www.cv-foundation.org/openaccess/content\\_cvpr\\_2016/app/S03-04.pdf](https://www.cv-foundation.org/openaccess/content_cvpr_2016/app/S03-04.pdf)

RCF

<https://github.com/yun-liu/plot-edge-pr-curves>

LPCB

<https://arxiv.org/pdf/1807.10097.pdf>

RCN

<https://github.com/AndreKelm/RefineContourNet>

VCF

BDCN

<https://github.com/pkuCactus/BDCN>

DexiNed

<https://github.com/xavysp/DexiNed>

AMH-Net

DSCD

No code available

PiDiNet

<https://github.com/zhuoinoulu/pidinet>

Feature Extractors

AlexNet

<https://github.com/informramiz/Feature-Extraction-using-AlexNet>

VGG16

<https://www.kaggle.com/code/tolgahancepel/feature-extraction-and-fine-tuning-using-vgg16/notebook>

ResNet

<https://github.com/a-martyn/resnet>