**Image Processing & Vision: Final Exam Report**

중앙대학교 예술공학대학

20190807 민정우

Intro

영상처리 비전 정의

Pixels

픽셀 개요

- Filtering

필터링 개요

- image transformation

- Linear Filters

리니어 필터 동작 방식

boundary effects

example of linear filters

shifting

sharpening

smoothing

gaussian

pillbox

Correlation vs Convolution

Separability

- Non-linear Filters

median filter

bilateral filter

ReLU

template matching

Sampling Theory

Color Filter Arrays

- Edges

엣지 개요

- Features

피쳐 개요

Segments

- Segmentation

- Clustering

- Resizing

Images

- Recognition

- Detection

Vedios

- Motion

- Tracking

Advanced Topic

- Neural Networks

- CNN for CV