Image and Video Processing (2-7-13)

1. Image Processing Fundamentals

Image Formation

Image Sampling

Image Quantization

Image Enhancement

Image Restoration

Image Segmentation

Image Compression

2. Image Analysis

Image Representation

Image Description

Image Recognition

Image Matching

Image Retrieval

3. Image Processing Tasks

Image Transformation

Image Synthesis

4. Image Coding Tasks

Image Compression

Image Transmission

Image Storage