DAM Homework (3)

2018-10-23

Image Watermarking

Implement Stenography



I.removing all but the last 2 bits of each color component2.X 85

Stenography

- Watermarking
 - Input
 - lc: a color image
 - lw: a watermark image
 - i.e., binary image with watermark information
 - or low resolution color image
 - or you can try QR code image
 - Output
 - I'c: a watermarked image
- Detection:
 - Input
 - lc: a watermarked color image
 - Output
 - lw: a watermark image
- two command lines

bonus: a simple web based service

Constraints

- Use
 - Node.JS and gm/OpenCV library
 - or Python Image Library
- Deadline:
 - 2018-11-08

Bonus

- True watermarking:
 - slides 29
 - slides 31