CS7GV1 Computer Vision

Mid-term Project 2022/23

Part 1: Photo effects

1. Exposure Filter
2. Contrast Filter
3. Saturation Filter
4. Temperature Filter
5. Solarization (White Clipping)

Part 2: Sharpening, blur, and noise removal

1. Softening
2. Gaussian Sharpening
3. Median Sharpening
4. Bilateral
5. Non-Linear Diffustion

Part 3: High-quality image resampling