

Artificial Intelligence and Computer Vision

Instruction no. 3

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1. Generate noisy image, compare it with the image taken by the ie. cellphone camera in a poor lightning conditions.
2. Remove noise from both images:
 - a. Use moving average with different kernels (rectangular, triangular, Gaussian etc.)
 - b. Median filter
 - c. Bilateral filter
3. Compare results, find the best parameters for each filter.