

Salt-and-Pepper Noise Removal Using Median Filter

Summary

This project applies a median filter to remove salt-and-pepper noise from images.

Results

- Mean Squared Error (MSE):23.8224
- Peak Signal-to-Noise Ratio (PSNR):34.36 dB
- Structural Similarity Index (SSIM): 0.9604

Since PSNR is well above 30 dB and SSIM is close to 1, the median filter effectively cleans the noise while preserving the image quality.

Feel free to explore the code and images in the folder.