ABSTRACT

In this paper, a novel calculation is proposed for picture denoising utilizing Modified Adaptive Median Filter (MAMF) on advanced pictures. The proposed calculation replaces the uproarious pixel by trimmed middle esteem when another pixel esteems, 0’s and 255’s are available in the chosen window and when all the pixel esteems are 0’s and 255’s henceforth the clamor pixel is supplanted by a mean estimation of the considerable number of components present in the chose window. The proposed calculation is powerful for salt and pepper commotion expulsion in pictures at high clamor densities. A productive calculation is proposed to evacuate high-thickness salt and pepper noise. The proposed calculation indicates preferable outcomes over the Standard Median Filter (SMF), Decision-Based Algorithm (DBA). Diverse grayscale and shading pictures are tried by utilizing the proposed calculation and found to deliver better Peak Signal to Noise Ratio (PSNR).