



**RESEARCH ARTICLE**

**AN INVESTIGATION OF NOISE REMOVING  
TECHNIQUES USED IN SPATIAL DOMAIN  
IMAGE PROCESSING**

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***Abstract— The term Digital Image Processing denotes the process of digital images with the use of digital computer. Digital image processing is used in various types of application areas. The problem of image enhancement is considered as a problem of quality improvement. Digital images are contains various types of noises which are reduces the quality of images. Noises can be removed by various enhancement techniques. Filtering is the process used to remove the noise in the digital images. Digital images can be either spatial domain or frequency domain. This paper investigates various techniques used in spatial domain image processing.***

***Key Terms: - spatial domain; filter; smoothing; sharpening; noise***

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