

# Restoration Techniques for the Enhancement of Stone Inscriptions

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**Abstract:** Characteristics and scenes of historical events were recorded by ancient inscriptions. As the time passes and due to weather conditions and improper handling, the ancient inscriptions may degrade. This paper reports the image processing methods in restoration and Enhancement of ancient inscriptions. Image restoration means recovering original image from degraded image. Image restoration represents basic problems in image processing with many applications such as reconstruction of missing data, recover ideal inscription image. Depending on different types of inscription image different restoration technique is used. The restoration techniques preserve the ancient inscriptions. In different types of images noise plays very important role. If noise in image is less then quality of image is high. Different filtering techniques are used to remove different types of noise from an image. This paper presents different restoration filters with some quality metrics for the inscriptions.

**Keywords:** Image Restoration, Inscriptions, Mean filter, Median Filter, Noise Model, adaptive filter, PSNR, F-Measure

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