

## **ANALYSIS OF BLURRING EFFECT OF LENSES IN IMAGE PROCESSING**

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### **Abstract**

Enhancement of digital images and processing from continuous signal is feasible only when the continuous signals itself are accurate. The goal of the image capturing is to interpret the contents of the image by a human operator and/or by software. The interpretation can only be successful if the captured image quality is high enough. The quality measures are relevant and will depend on the application as well. Therefore in this paper the final use is not specified leading to selection of various methods to be evaluated in different ways. The results produced by the restoration algorithms were evaluated both subjectively and objectively. The subjective evaluation consist of a visual examination of each image as restored, judging when the best possible result had been reached. This is a good method when optimizing the output image for human observers, but not necessarily when the images are to be further enhanced or processed.

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**Key Words :** *Noisy Images, Aberrations, blurred Images, Image restorations, Real time imaging, Human Visual System, Machine and Computer Vision, 3D-Imaging.*