Abstract

Growth in digital image processing technologies have completely change our way of life. In our day-to-day life, we are using a number of image processing applications knowingly or unknowingly. Many times image gets distorted somehow during the acquisition, processing, transmission, storing or sharing. So the evaluation of image quality is essential component for many image processing applications. Such image quality assessment techniques are the state-of-the-art research area. This paper provides a detailed survey on various image quality assessment methods. This review is primarily focussed on three objective quality assessment methods viz. (full reference image quality assessment (FR-IQA), reduced reference image quality assessment (RR-IQA), and No reference image quality assessment (NR-IQA). An
extensive review on various publically available research databases has been presented.

References

- Feng Shao, Kemeng Li, Weisi Lin, Gangyi Jiang, Mei Yu, "Using Binocular Feature Combination for Blind Quality Assessment of Stereoscopic Images," Signal Processing

Index Terms

Computer Science  Image Processing

Keywords

Image Quality Assessment  Fr-iqa  Rr-iqa  Nr-iqa  Databases Etc.