Abstract

In today's digital world, the scenario of the images has totally changed. We can do a lot of computation on the captured facial image for improving its quality. This is possible because of the availability of large number of digital platforms. These platforms have made the computational task easier and less time consuming. Instead of improving the quality of the captured image, we can firstly evaluate the quality of the image by making computation for the selected quality factors. After the evaluation, a proper decision can be made for the factors that need more improvement. Here we have selected sharpness, brightness, luminance, contrast and focus as quality factors which we consider more important for quality estimation and then these factors are calculated using the efficient method.

References

Evaluation of Quality Factors for the Captured Facial Image

3103-3107, 11-15 Nov. 2012.


5. Teruaki Hirano, Yuki Nakagawa and Osamu Nakamura, "Highly Accurate Extraction of faces and facial parts taking into consideration people with glasses and the specific areas of the face for extracting specific features used in the recognition of facial expressions", Electrical and Computer Engineering, 23rd Canadian Conference, pp. 1-7, 2010.


Index Terms

Computer Science
Image Processing

Keywords

Quality factors and Facial image.