Aesthetic Quality Assessment of Photographic Images: A Literature Survey

Abstract

Aesthetics is a branch of philosophy which deals with the study of emotions in relation to the sense of beauty. Nowadays, there is a tremendous increase in the use of digital images as a means for representing and communicating information. With the considerable increase of consumer photos, evaluating the quality of photos has become a difficult task. People are more interested in photos that are visually pleasing. The aesthetic beauty of a picture is determined using aesthetic quality factors like prettiness, cuteness, neatness, cuddliness, loveliness etc. Aesthetic quality assessment is a challenging task that require understanding of subjective notions. Aesthetic quality score of an image can be calculated using low level features such as contrast, sharpness, colorfulness etc. This paper provide a survey of aesthetic quality assessment of photographic images and a brief description of existing approaches.

References

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Index Terms

Computer Science Image Processing

Keywords

Aesthetic attributes, Aesthetic score, Feature extraction, Image aesthetic assessment