Abstract

Recent Advancements in image acquisition as well as visual computing leads easy and cheap availability of technology. Additionally, it’s more user friendly for average user. Using such new technologies end users expected to be more appealing images. However, producing the appealing images needs also needs the enough knowledge of aesthetic principles during process of acquisition and editing. The average user does not have complete training and experience of doing such tasks. Therefore, it is required to have automatic method in which modelling of aesthetic principles and building systems that can generate aesthetic signature to generate more appealing images. There are number of methods introduced under different categories for automated aesthetic analysis of photographic images with goal of generating more appealing images such as HDR. In this paper, first we are presenting details on Aesthetic Quality Assessment and Attributes, then different aesthetic analysis methods have been studied. The information of different camera technology is discussed in this paper. The comparative study of all reviewed method is presented with accuracy analysis to end this paper.
References


Index Terms

Computer Science  Image Processing

Keywords

Aesthetic Analysis, Image Acquisition, Aesthetic Signature, HDR Image, Image Quality, Photographic Image.