Abstract

Text extraction in real images taken in unconstrained environments remains surprisingly challenging in Computer Vision due to language characteristics, complex backgrounds and the text color. Extraction of text and caption from images and videos is important and in great demand for video retrieval, annotation, indexing and content analysis. In this paper we propose a weighted hybrid thresholding approach. It is demonstrated that the proposed method achieved reasonable accuracy of the text extraction for moderately difficult examples.

References

- Ntogas, Nikolas, Ventzas, Dimitrios, "A Binarization algorithm for historical
manuscripts", 12th WSEAS International Conference on Communications, Heraklion, Greece, July 23 – 25, 2008

**Index Terms**

Computer Science

Image Processing

**Keywords**
Thresholding weight hybrid approach