

DETECTION AND EXTRACTION OF TEXT IN VIDEO- A SURVEY

MEGHA KHANDELWAL, BHUPENDRA KUMAR & TUSHAR PATNAIK

Centre for Development of Advanced Computing, Noida, Uttar Pradesh, India

ABSTRACT

Detection and extraction of text present in video is in great demand for the purpose of video retrieval and indexing. It has become a very popular research area in recent past. Certain factors like complex background, color bleeding, noise, low resolution and low contrast make the automatic detection and extraction of text in video frames a challenging task. Looking at the growing popularity and the recent developments in the processing of text in video frames, this paper presents a survey of various techniques proposed for effective detection, localization, enhancement and extraction of text in video. The techniques for text detection are broadly categorized as heuristic, machine learning and hybrid.

KEYWORDS: Detection and Extraction, Heuristic Method, Machine Learning Method and Hybrid Method