Abstract

Text is one of the most important features in images and videos. It can be used for various analysis purposes. Natural scene text is the text which is automatically present in the scene like sign board etc. In this research work, a method is proposed to detect text in Natural scene videos using MapReduce and MSER (Maximally Stable Extremal Regions). The proposed text detection technique is analyzed on three different classifiers: SVM, LDA and Random forest classifiers. This text detection is very useful in today’s era where ‘data’ is everything.

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Index Terms

Computer Science Information Sciences

Keywords

Text detection, MSER, MapReduce, Big Data, Classifiers.