Abstract

The increase in the availability of music over internet has attracted researchers to devise automated tools and techniques for the classification and retrieval of music in an effective manner. In this paper, we propose an approach to automatically classify the monophonic songs or cappella. Each song in the training set is divided into frames and from each frame thirteen MFCC features are extracted. The average and variance of these features are used to represent each song for two different classifiers. These features are used to train classifiers separately which can then assign a suitable class to an unlabeled song. Experiments are conducted on two different datasets to illustrate the effectiveness of the proposed method.
Using MFCC Features for the Classification of Monophonic Music

Bibliography


Index Terms

Computer Science
Pattern Recognition

Keywords
Monophonic Music  Mfcc  Classification.