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(57) Abstract :

ABSTRACT My Invention Speech Emotion Recognition • is an emotion recognition is performed by extracting a set comprising at least one feature derived from a signal, and processing the set of extracted feature to detect an emotion therefrom. The invented device the voice signal is low pass filtered prior to extracting therefrom one feature of the set. The cut-off frequency for the low pass filtering is typically centered around 250 to 300 Hz. The invented device the features are e.g. unique statistical quantities extracted from random sampling a signal sign wave of the intensity or defined pitch of the voice signal and regarding of detection of human (age between 18 to 45) emotions, whereas humans generally do that by using all the context and modalities, ranging from linguistic content to facial expression.

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