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STUDY OF VARIOUS CLASSIFIERS FOR HUMAN EMOTION RECOGNITION FROM SPEECH

PROF. ANURADHA.M.SALVI

Electronics And Telecommunication Dept.

G.M.Vedak Institute Of Technology, Tala

Raigad, India

Anuradha.salvi@yahoo.com

PROF. MITESH.N.THAVAI

Electronics And Telecommunication Dept.

G.M.Vedak Institute Of Technology, Tala

Raigad, India

miteshthavai@gmail.com

ABSTRACT:- This paper presents the study of various Classifiers for human Emotion Recognition from speech. We are recognizing human emotions from speech because emotions are directly reflected in to speech. Here we are presenting three different classifiers to recognition human emotions such as Sparse Representation, Support Vector Machines and Hidden Markov Models. For emotion recognition purpose along with efficient classifiers effective feature extraction technique is also required. By using these classifiers we are recognizing the class of emotion. We are using various databases for different classifiers such as Berlin Emotional Database, TIMIT database etc. Here we are comparing the result of different classifier and checking which classifier is giving better accuracy while classifying various emotions.

Keywords— Sparse Representation, SVM, HMM.



WIRELESS SENSOR NETWORKING FOR INDUSTRIAL IOT

S. G. THALKAR

Dept. of Electronics and Telecommunication Engg.

Email: smehalg125@gmail.com

S. C. PANCHAL

Dept. of Electronics and Telecommunication Engg.

Email: shilpa.panchal@gmail.com

ABSTRACT:- Industrial Internet of things(IIoT) incorporate machine learning and big data technology , harnessing the sensor data machine to machine communication (M2M) and automation technologies. (IIoT) has attracted a lot of attention and is expected to bring benefits to numerous application areas including Industry as IIoT are smart machine at accurately ,consistently capturing and communicating data compare to humans . This paper presents the design and implementation of a complete WSN platform which is used for environmental monitoring IoT applications. The application requirements for low maintenance , low cost, fast deployment, high number of sensors, long lifetime are considered in the specification and design of the platform.

Keywords— ARM, Internet of Things (IoT), sensor data acquisition.