

Report

Period: Sep. 19-25, 2014

Task: Simulating and estimating multimodal emotion recognition using different multimodal emotion databases

Subtasks: SVM training and classification, Performing simple actions on NAO, Analyzing facial and vocal data

1 Task 1

Introducing a new database and performing binary classification by SVM using the data from the database.

2 Task 2

Performing Filipino Emotion Classification in speech signals based on audio features and transcribed text.

3 Task 3

Recording AV clips on Kinect camera and analysing the facial and vocal expressions.

Tasks for the Next Week

- 1 Preparing the databases for facial alone, gesture alone and vocal alone expressions and doing a binary classification using SVM.
- 2 Simulating the results of Multimodal Emotion Recognition of four and five categories by using ensemble of trees of binary SVM classifiers.

Comment [S1]: Write down all tasks that I have given to you and you have done (even if it is not related to your main research)