

Report

Period: Sep. 12-18, 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

Implementing feature classification on the fisheriris and ionosphere databases by using binary SVM Classifier. Analysing and estimating the multimodal emotion recognition rate and accuracy by using Spontaneous Filipino Emotion Database.

2 Task 2

Using Choregraph program perform simple action on the NAO humanoid robot.

3 Task 3

Analysing the facial and vocal emotion recognition by AV clips recorded on the Kinect camera.

Tasks for the Next Week

1 Simulating the results of Multimodal Emotion Recognition of four and five categories by using ensemble of trees of binary SVM classifiers.

2 Exploring Fusion Methods for Multimodal Emotion Recognition and compare the results of their performance during missing data by SVM binary classification.

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)