

Quality Assessment in Iris Recognition for Mobile Applications – Progress Report

April 18, 2014

WEEK:

14-04-2014 to 18-04-2014

MEETINGS:

With the co-supervisor, on Tuesday.

ACCOMPLISHMENTS:

It was concluded that the high error rates that we got before could not only be a code bug, but also a part of the “curse of dimensionality”, since the features are 576 dimensional.

In order to address that problem, some changes were done to the code, fixing some cycles and reducing the values to absolute ones, since we were getting some imaginary numbers. Also, a wrapper method was searched so we could reduce the number of features. An open source code was found that used the Bayes classifier. We will test it to see if with this method we can obtain better results.

PROBLEMS:

None.