

Weekly Report

Week 1: 16/02/2015 - 20/02/2015

Work Developed

The BM3D algorithm was replicated during the 1st semester as part of the PDI course. However, a correct implementation of the algorithm in MATLAB was yet to be finished when starting the MSc Thesis. Hence, in this week the MATLAB implementation was finished, which involved fixing some wrong parts and adapting others in order to enable an hardware implementation approach.

Challenges

The wiener filtering part of the algorithm was the most challenging one, and it was necessary to contact the authors of the original BM3D paper in order to successfully implement the algorithm.

Next Tasks

Next week work will be focused on setting up the environment for developing the project during the semester.