

# Report

**Period:** Dec. 05 - 11, 2014

**Task:** Learning how to write scripts on MATLAB program at the high level

**Subtasks:** Basics of the MATLAB programming

## 1 Task 1

I am learning how to do the mathematical operations on matrices, such as: addition, subtraction, multiplication and division of two matrices. How to use built-in functions in Matlab to work with matrices, such as size, ones, zeros, length, eye etc. I have learned how to transpose matrices, find an inverse of the matrix, concatenation of the matrices, make tables. Also, I have studied how to plot a graphs of different functions in a linear scale. I have studied how to make a cumulative sums of matrices and sums of sinusoids.

## Tasks for the Next Week

- 1 Study the MATLAB five flow control constructs.
- 2 Learn how to write the functions and scripts in MATLAB.