MATLAB BASED EXPERIMENTS on Signals and Systems

PRACTICALS

Learning MATLAB

Explorations of Signals and Systems using MATLAB

1. Generation of Signals: continuous time and discrete time

2. Convolution of Signals, Solution of Difference equations.

3. Fourier series representation of continuous time signals.

4. Fourier transform of continuous time signals.

5. Discrete time Fourier analysis.

6. Introduction to SIMULINK and calculation of output of systems represented by block diagrams.

7. Sampling and reconstruction of continuous time signals.

(The above experiments have now been converted to Scilab)