HST.582J / 6.555J / 16.456J Biomedical Signal and Image Processing
Spring 2007

HST-582J/6.555J/16.456J — Biomedical Signal and Image Processing

Guidelines for Laboratory Reports

Content

Your lab report will consist of answers to the questions in the original lab handout, accompanied by plots, block diagrams, and flowcharts as appropriate. It should also include a title, your name, your partner's name, and your lab group name.

When describing signal processing operations, include both the motivation for the signal processing that you performed and the implementation used to accomplish that processing. When describing results of signal processing, refer to relevant figures and then briefly discuss what you identify as their most important features.

It's not always possible to get things working perfectly. If this should happen to you, summarize what worked, what didn't work, and what you might have tried if given more time.

Figures

All figures should have titles, and the axes should be labeled in real-world units whenever possible. For example, units of time should be given in msec, not samples; frequency in Hz, not FFT index k.

Matlab commands

The text of your report should not include Matlab commands, which are not an adequate substitute for a concise verbal description of the signal processing operations that you have performed. Only Matlab functions that are specifically requested in the lab handout should be included in your report. Please do not turn in all of your Matlab code.

Presentation

Typed and handwritten reports are both acceptable. In either case, they must be neat and legible. All figures should be numbered and referred to by number in the text. Figures may be imbedded in the text or numbered by hand and appended to the end of the report.

Working with partners

You are encouraged to share data, figures, and Matlab functions with your lab partner. If you and your partner have divided the tasks and worked on some sections individually, indicate who is responsible for each portion of the work.

Each student is required to turn in a lab report written independently. Answer the questions asked in the lab handout on your own, giving your own interpretation of the results and using your own words.

Grading

In addition to accuracy of the technical content, lab reports will be graded on completeness, clarity, and conciseness.