E2-243
Final Lab Exam

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Date: 04 February 2021   *Time:*10:00am-12:30pm

Instructions:

- Please read all the questions carefully. All the questions are self explanatory. All questions are compulsory.

- You are free to use any programming language for coding. But we prefer you to use Matlab.

- Error Handling: In your code, you should make sure that the input parameters to your function satisfy any assumptions that you make about them. For example, if we have asked you to write a function that takes a $m \times n$ matrix A, then you should check in your code that the matrix passed as input to your function is indeed of size $m \times n$. You should check for all possible pathological inputs.

- Credit will be given for code hygiene. Please use appropriate comments and indentation. Please use proper variable names.

- You should save all your files for **a particular question in a separate folder**. For example, all your MATLAB files for Question 1 should be in the folder 'Q1'. Also, include **a copy of the input and corresponding output which you have used to run the program** in the Matlab command window in **a text/word file**. At the end of the exam, you are required to **ZIP/compress** them and create a single zip file. The naming format for the ZIP file is `<YourName>-<SRNumber>.zip`.

- Submission: The zip file should be emailed to both of us, *prernaarote@iisc.ac.in, and to zithas@iisc.ac.in*. There is no other paper submission for lab exam.

- The timestamp of the email would be considered as submission time. Please ensure that you **submit the assignment by 12:30 pm**. **Late submissions will not be evaluated**. Also, please ensure that you **submit only one final version**.