

## Assignment #0

(Due date: 1/18/07)

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### 1 E-mail List

Subscribe to the cse252A email list by sending an email to listserver@ucsd.edu with the body,

```
ADD <your-email-address> cse252a-l
```

For example, if your email address is super@cool.com, the body of your email should contain “add super@cool.com cse252a-l”. The email list will be used for class announcements, so use an address that you will check frequently during the quarter.

### 2 Discussion Board

Visit the cse252A web discussion board (link on class webpage). This will be used to answer questions regarding the course.

### 3 Matlab Tutorial

Work through the Matlab tutorial code snippets. The tutorial is set up so you can cut and paste the commands into Matlab as you go. To get credit for this problem, make a printout of the tutorial and check off each section number once you have completed it. (You do not need to turn in any output from your commands; just print out the four pages of the tutorial.) You can also make comments next to any portion that caused you trouble, or to make suggestions that would be useful for future revisions of the tutorial.

### 4 Image Deinterlacing

even.jpg and odd.jpg contain the even and odd scanlines of an image. Write a matlab program that loads the two images<sup>1</sup> and reconstructs the original image from them, *without using for or while loops*. Your program should be relatively short (reference implementation is 5 lines). Turn in a printout of your matlab code and the output image. [5pts]

### What to Turn In

Print out this page, staple it to the front of the pages from problems 3 and 4, and write your name, student ID, and email in the space provided at the top right of this page.

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<sup>1</sup>Note: If you encounter problems manipulating the input images, try converting them to type double (using im2double) before processing.