Assignment #0
(Due date: 10/04/2011)

1 Piazza

Enroll in CSE 252A on Piazza. You'll be able to ask the professor, the TA and your classmates questions on Piazza. You can register using a ucsd.edu email account at [http://piazza.com/ucsd/fall2011/cse252a](http://piazza.com/ucsd/fall2011/cse252a). Class announcements will be made using Piazza, so be sure to check your email or Piazza frequently.

2 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.

3 Image Deinterlacing

even_vertical.jpg and odd_vertical.jpg contain the even and odd vertical scanlines of an image. Write a matlab program that loads the two images 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 2 and 3, and write your name, student ID, and email in the space provided at the top right of this page.

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