EE 231A – Information Theory

Web Page: http://www.eeweb.ee.ucla.edu/grad/classes.php

Time & Place: Tuesday, Thursday 2:00-3:50 p.m., MS 6229

Professor:
Rick Wesel
wesel@ee.ucla.edu, (310) 267-2150, Boelter 7440B

Office Hours:
Monday 2:00-3:00 p.m. in Boelter 6412A

Volunteer Teaching Assistant:
Bike Xie
xbk@ee.ucla.edu
Office Hours: Class vote: Wednesday 10:00 a.m. - noon or 2:00-4:00 pm in 67-112 E-IV

Text:
Elements of Information Theory, 2nd Edition by Cover and Thomas

Books on Reserve at the library:
Elements of Information Theory by Cover and Thomas
Text Compression by Bell, Cleary, and Witten
Information Theory and Reliable Communication by Gallager
Information Theory: Coding Theorems for Discrete Memoryless Systems by Csiszar and Korner

Grading Policy:
Grade only (pass/fail option not available). Homework 20%, midterm 30%, final 50%.
**Collaboration Policy:**
You should try to do each homework problem by yourself. If you get stuck, I *encourage* you to discuss the problem with another student, with the TA, or with me. I discourage you from relying on homeworks from previous quarters as a resource for figuring out how to do the problems. Some students cannot resist this temptation, and I am stating the following policy for this quarter: If you rely on previous homeworks or solutions to inspire you with problem approaches or to check your answers, you must clearly state what materials you used and how you used them at the top of your homework. Using old homeworks without acknowledging it is plagiarism and when you are caught you will receive a zero for your entire homework grade (i.e. 20% of your total score).

**Homework Policy:**
Homework is generally due in Boelter 6731 Thursday evening. That office closes at 5 pm. There is a one day grace period. Each weekday that homework is late after that causes a 10% reduction in the score. No homeworks are accepted after the graded homeworks are returned. NOTE THAT HOMEWORK SOLUTIONS MAY BE PASSED OUT VERY SOON AFTER THE DUE DATE PRIOR TO THE MIDTERM AND FINAL. TO RECEIVE CREDIT, THESE HOMEWORKS MUST BE TURNED IN BEFORE SOLUTIONS ARE DISTRIBUTED.