

EE 5950 Signals and Systems Seminar

Fall 2003

Lead instructor: Gerry Tian (ztian@mtu.edu)

Meetings: EERC Room 226; Thursdays, 13:05-13:55.

Class webpage: <http://www.ee.mtu.edu/faculty/ztian/ee5950>

Overview: This course is required for all graduate students in the area of Information Systems, and consists of weekly seminars given by department faculty, graduate students, and external visitors.

Course requirements:

1. Attendance of class meetings is mandatory. Active class participation is required.
2. Before each seminar, the assigned reading group should finish the recommended reading, and be prepared to ask and be asked questions.
3. If you pick or are picked to present a talk,
 - You will be assigned a time slot for presentation in early September. Prepare accordingly.
 - **One week before** your talk, you should submit an ABSTRACT/OUTLINE of your talk, and suggest an ARTICLE for your audience to read. The article should be THE paper you would recommend to your audience if you expect constructive feedback on your work/talk.
 - If your presentation is cancelled due to some unforeseen circumstances, e.g., conflict with an invited talk, you still need to submit the title, abstract, and the recommended reading material.

If you are not to present a talk this semester,

- Think hard and identify a research topic of your interest. This topic could be a buzz word chosen from a hot area that you are interested in, or a research direction that you want to spend more efforts on during the course of your degree study. If you have already decided on a degree project, this topic could be related to the technical background of your research, or a new technical approach that you want to pursue.
- Search the *technical* literature and find at least one overview/survey paper on this topic. Send me your chosen topic and the reference(s) via email by **11/10/2003**. The list of references should follow the IEEE citation style.
- Write an abstract of your topic of interest based on the article(s) you find. Email the plain-text abstract to me by **11/30/2003**. The abstract should cover *at least* the following points: problem statement and scope, significance, applications, and the technical issues being investigated under this topic. It should include an outline of what you would pursue/cover in this research/talk.
- If your listed reference is not pertinent to the topic, or the abstract is not to the point, I will ask you to redo your homework and resubmit it by **12/10/2003**.

Grading Policy:

The normal A-F grading system will be used. You will be graded on your adherence to the instructions specified in (1), (2), and (3). Failure to conform to any of the three requirements will result in an "F" in your grade.