Portland State University    Electrical and Computer Engineering

ECE 418/518: Linear System Analysis I
(4 Credits)    Fall 06

• Class schedule: T Th: 2:00 - 3:50 PM, SAB 208
• Instructor: Prof. F. Li
• Office hours: T Th: 4:00 - 5:00 PM, or by appt.
• 160-10 FAB, 5-3824 or fli@ece.pdx.edu
• Web URL: http://www.ece.pdx.edu/~fli
• TA: TBA

Text:

Notes:
• Lecture notes (with home assignments and solutions), Clean Copy.

Other References:

Course descriptions
• Advanced concepts of continuous-time signals, systems, and transformations. Signals: periodicity, orthogonality, basis function; System: Linearity, superposition, time-invariance, causality, stability, and convolution integral; Transforms: Fourier series and Fourier Fourier transform, Hilbert and Hartley transforms, Laplace transform.

Prerequisite:
• EE 222: Signals and Systems, or equivalent.

Grading policy:
• Final grade will be based upon: two quizzes 25% each (50 minutes each) and final exam 50%.
• The homework is assigned to each chapter and the solutions to the assigned homework problems will be available at the Clean Copy. The homework will not be graded.
• Attendance is required for 418. However it is the student responsibility to follow all class assignments and announcements.

Have fun!