Linear Feedback-Control Systems Lab

Section 1: Thursday, 9:00am–11:45am, Holmes 386
Section 2: Thursday, 1:30pm–4:15pm, Holmes 386

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TA Office Hours: Section 2: Days Wednesdays Hour 2-3 PM in Holmes 386
Webpage: http://www2.hawaii.edu/~gurdal/index_files/EE351L.htm
Site of announcements, handouts, homeworks, etc.

Policies: No credit will be given to late lab reports.
Attendance is mandatory.
Grades are weighted 30% Participation, 30% Pre-labs, 40% Reports.
All work must be original.

Lab Experiments

1. MATLAB Structure and Use
2. Modeling and Digital Simulation Case Studies
3. Introduction To Data Acquisition and Real-Time Control
5. Servo Position Control Design Project (Position and Rate Feedbacks)
6. Speed control Design Project (Velocity Feedbacks)
7. Position Control Design Project (PD controller Root-locus Design)
8. Position Control Design Project (Phase lead controller Root locus Design)
9. Ball and Beam Design Project